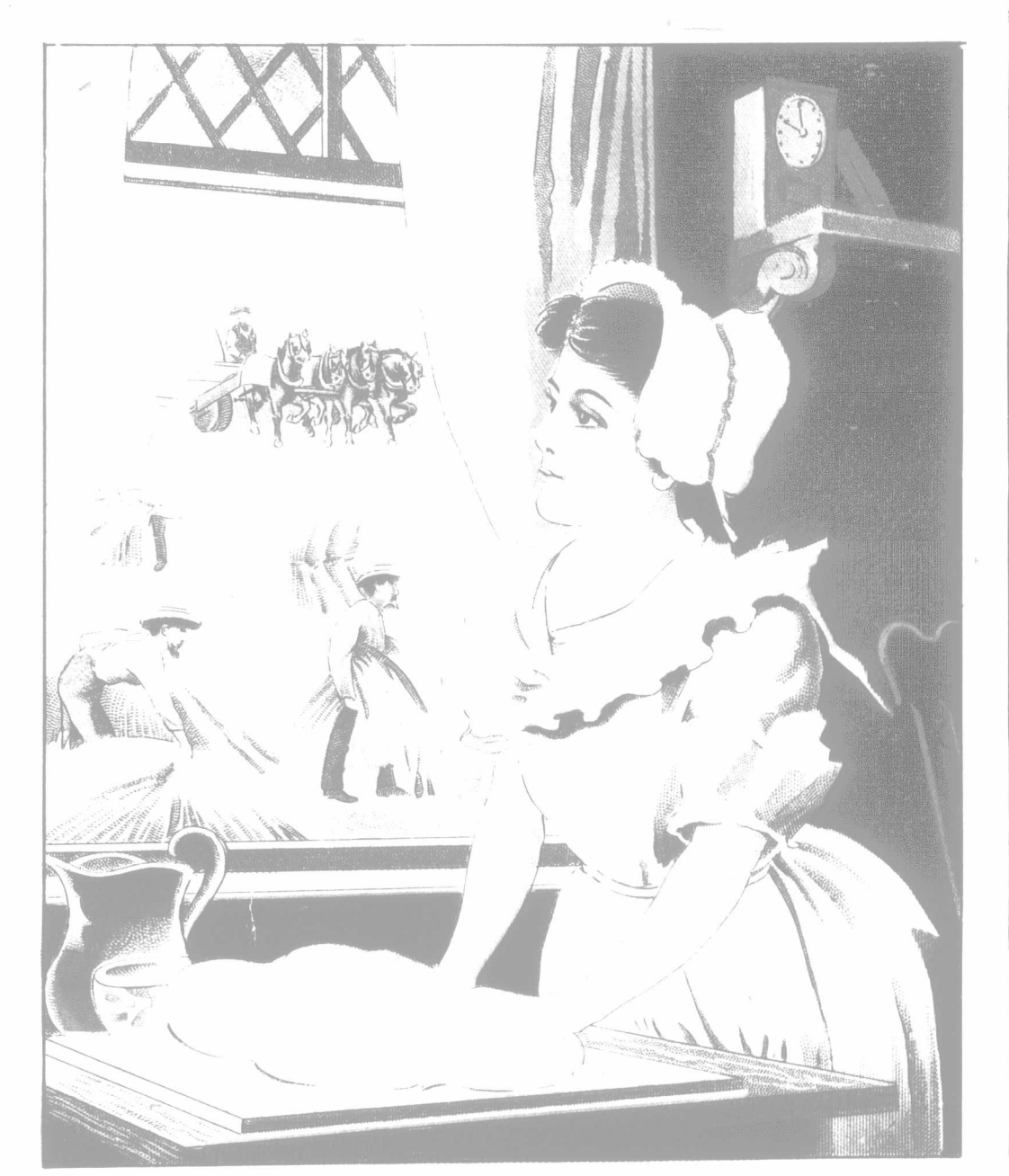


THE  
FARMER'S ADVOCATE

AND HOME MAGAZINE

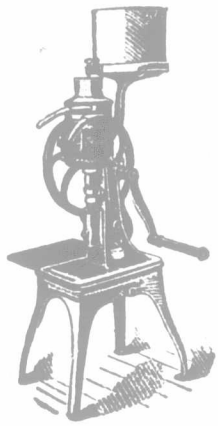
CHRISTMAS, 1902.



1902

The golden fields are waving,  
The sun sets golden red,  
A sleeping Empire's waking,  
The Empire's day is breaking,  
A maiden Empire's making,  
A mother Empire's bir

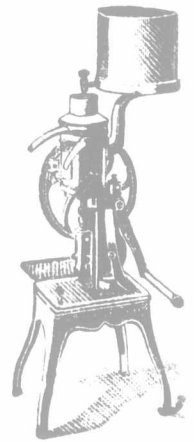
5 CENTS.



No. 1 Iron Stool.  
Capacity, 450 Lbs.  
Price, \$100.



No. 2 High Frame.  
Capacity, 600 Lbs.  
Price, \$125.



No. 2 Iron Stool.  
Capacity, 600 Lbs.  
Price, \$125.

# DE LAVAL SEPARATORS

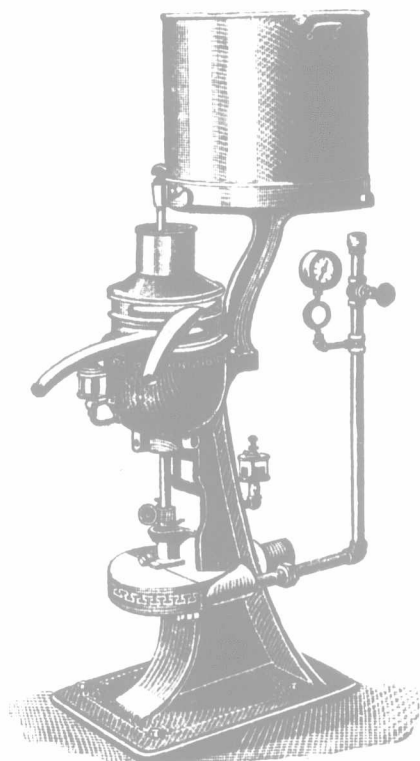
UNIVERSALLY RECOGNIZED AS THE STANDARD OF EXCELLENCE  
AWARDED HIGHEST HONORS

Chicago

Paris

Buffalo

And During the Last Twenty-two Years Have been Awarded Nearly 2,000  
Prizes, which Includes Every World's Fair and International Exposition.



DAIRY TURBINE.  
Capacity, 1,000 Pounds.  
Price, \$225.

Ten Years Ago fifty per cent. of the creameries were operating De Laval Machines.

To-day ninety-five per cent. are doing so.

The Sales of De Laval Hand Separators for the past four years have doubled each year, but 1902 has capped the climax since our three factories (the finest and largest of their kind in the world) have proved entirely inadequate to supply the demand.

The Greatest Factor in De Laval Supremacy was the introduction, by the De Laval Separator Co., of the "Alpha Disc" and "Split-Wing" devices, the envy of all would-be competitors, but put out of their reach by iron-clad patents.

THE "ALPHA DISC"  
and  
"SPLIT-WING"  
Patents

MEAN

Reduction of necessary speed.  
A smaller bowl with greater capacity.  
Economy of power and wear.  
Perfect separation of cold milk.  
Cream of any desired thickness.  
No cream in bowl after flushing.  
A bowl easily cleaned.

In short, they insure absolute thoroughness of separation under practical use conditions, which is not possible with any other separator or creaming system.

## INTENDING PURCHASER

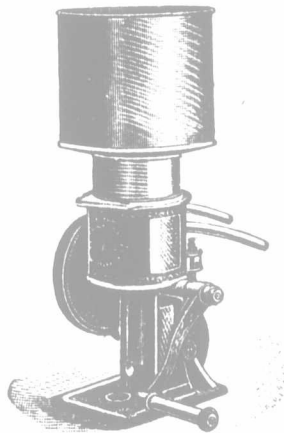
YOU cannot afford to shut your eyes to the verdict of the world's oldest and most practical dairymen, many of whom have proven from actual use that the so-called CHEAP separators are DEAR AT ANY PRICE. Every day these are being discarded and replaced by

## DE LAVAL SEPARATORS

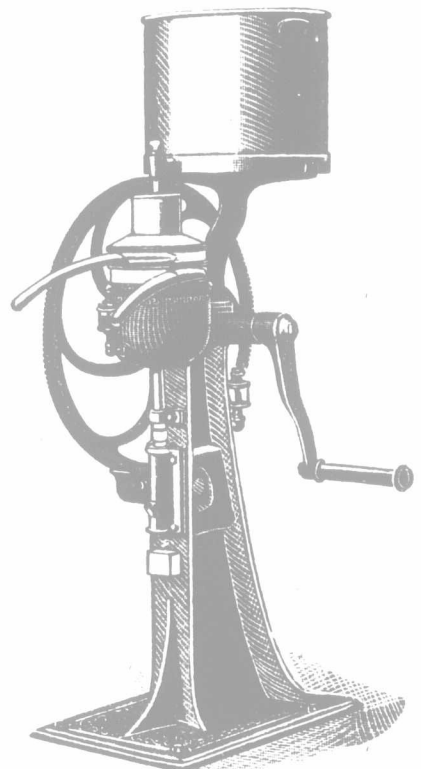
which yield the greatest returns from any quantity of milk, under any conditions, at the minimum cost in time, labor and repairs.

350,000 machines in use, or ten times all other makes combined.

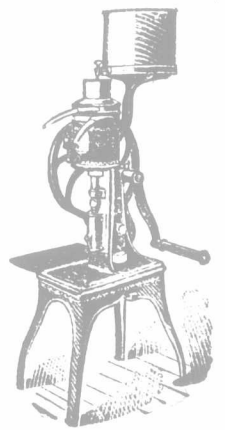
SEND FOR CATALOGUE.



No. 0 Humming Bird.  
Capacity, 250 Lbs.  
Price, \$65.



NO. 3 HIGH FRAME.  
Capacity, 1,000 Pounds  
Price, \$200.



"Dairy" Special.  
Capacity, 350 Lbs.  
Price, \$85.

## THE DE LAVAL SEPARATOR CO.

MONTREAL  
TORONTO

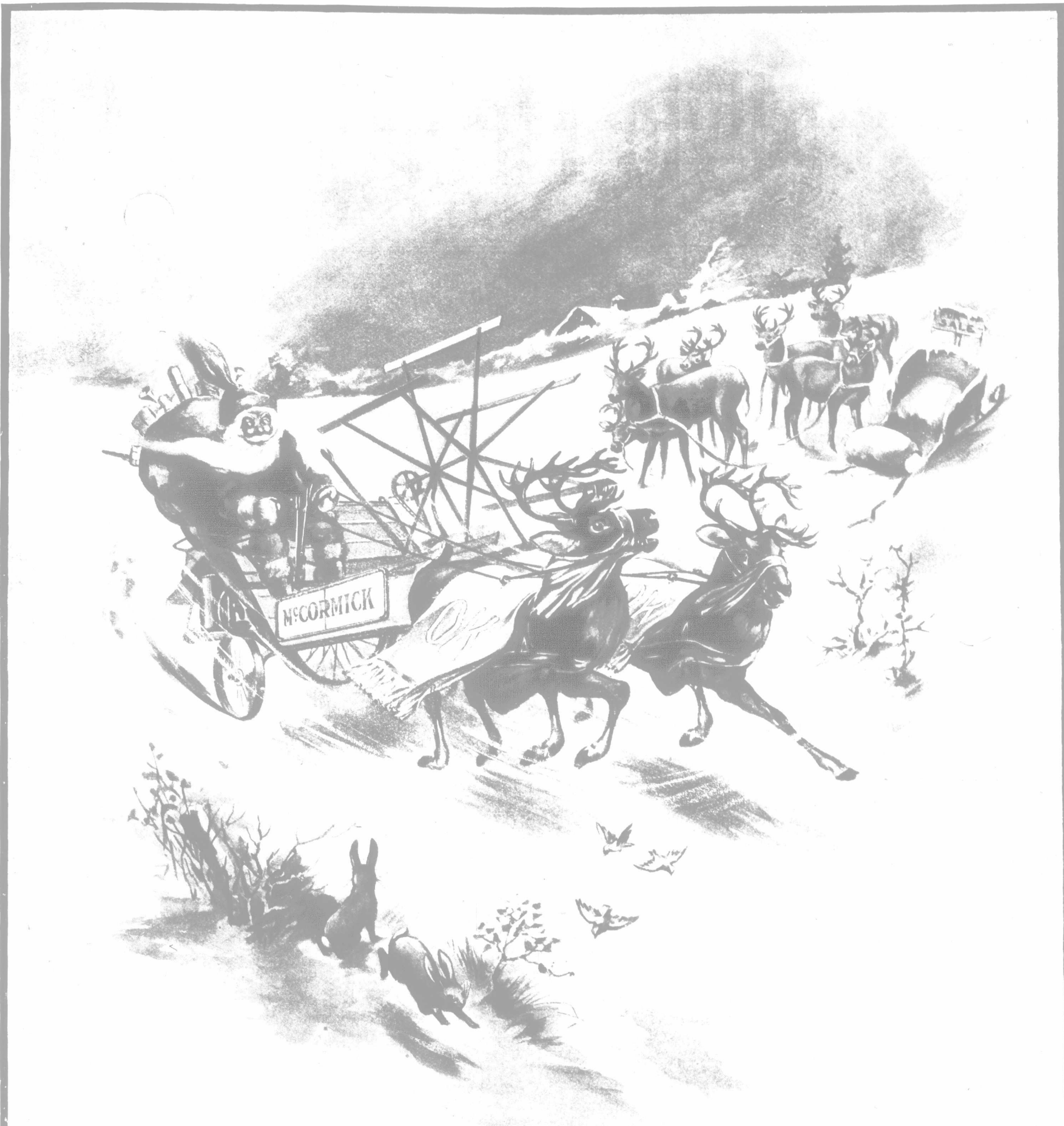
Western Canadian Offices, Stores and Shops:  
248 McDermot Ave., Winnipeg.

CHICAGO  
SAN FRANCISCO

NEW YORK

POUGHKEEPSIE

PHILADELPHIA



IT MAY BE A SURPRISE TO SEE THAT SANTA CLAUS  
HAS DISCARDED HIS SLEIGH FOR A BINDER BUT IT'S NO  
SURPRISE THAT THE BINDER IS A M<sup>C</sup>CORMICK

IF YOU WRITE AND MENTION THIS PAPER YOU WILL  
RECEIVE A VERY BEAUTIFUL M<sup>C</sup>CORMICK CALENDAR FOR 1903

H. DONALDSON, *Gen. Agt. WINNIPEG, MAN.*

W. J. CUMMINGS *Gen. Agt. REGINA, N.W. T.Y.*

**M<sup>C</sup>CORMICK DIVISION**  
INTERNATIONAL HARVESTER COMPANY OF AMERICA  
CHICAGO, U.S.A.

# The Ogilvie Flour Mills Co.,

LIMITED.

THE LARGEST FLOUR MILLS IN THE BRITISH EMPIRE,  
AND THE PALACE FLOUR MILLS OF THE WORLD.

To be the greatest flour milling concern in the British Empire is certainly a distinction for any industry. To have this industry in Canada is a matter of pride and congratulation to Canada and Canadians.

This is the centenary year of the Ogilvie Flour Mills Co., and its history during 100 years has had to do with the growth and prosperity of the wheat-producing and flour-consuming population of Canada.

Magnificent as its past has been, its magnitude to-day and its provision for the future are so great that a sketch of this Company will prove of more than passing interest to our readers.

### Nearly One Hundred Elevators.

Ninety elevators scattered over the vast wheat areas of Western Canada receive the great bulk of the finest wheat grown in the world.

The buyers are men who have been identified with the Ogilvie Company for many years. They are thoroughly trained in their duties and know both the requirements of the Company and the quality and character of the grain. The most friendly relations have always existed between the Company and the farmers of the Northwest. No complaints have ever been made that advantage was taken of local conditions to compel farmers to accept an unreasonably low price for grain. How much the development of the Northwest is due to this great pioneer Company would be hard to estimate. The production of a crop, no matter how great, is of small moment, unless there are purchasing, receiving and shipping depots.

This wheat in turn is ground in the different mills of the Company, which aggregate a daily output of 7,500 barrels of flour. It is difficult to realize the immensity of this amount. Great as it is, the management are preparing to add still another great mill, increasing the capacity to the astonishing quantity of over 10,000 barrels daily.

### Three Great Mills.

There are now three mills in operation. The Royal Mills at Montreal, the Glenora Mills at Montreal, and the Winnipeg Mills.

A visit to any one of these mills is a pleasure and an education. The writer visited the Royal Mills at Montreal, and his preconceived ideas of a great flour mill were destroyed.

The first thing suggested is immense capacity; the next, perfect system; and last, absolute cleanliness.

The Royal Mills and the Glenora Mills are both situated on theachine Canal, where enormous water power privileges belong to the Company, and day and night, except Sunday, without break or cessation the work goes on.

Almost noiseless in its operation, the giant power carried and crushed and ground and sifted until the transforming process was completed, and from the choicest wheat in the market the finest flour in the world is made.

The wheat is received in a steady stream from the elevators, and the flour is shipped in waiting cars and vessels to the markets of the world. Nothing but a visit to any one of the mills conveys any adequate idea of how Ogilvie's Flour is made.

Even figures convey a very imperfect idea of the magnitude of the work, of the present area, and the floor area, the millions of bushels of grain bought and the millions of barrels of flour sold. There is an army of employees, including the staff in the head office at Montreal, the managers and workmen in the mills and elevators, the inspectors and the buyers, the carters and men loading the cars, and there is a feeling of intense loyalty to the Company and the Company amongst the employees, many of whom have been identified with the Company for many years.

The flour is made, are spotlessly white and soft, and are so fine that they will not stain the floor or walls, and most

surprising, not a particle of flour or dust floated in the air. So attractive are the mills as show places that no less than 3,000 ladies have visited the Winnipeg Mills of this Company during the past 18 months.

### Appreciated by Royalty.

The most distinguished of these visitors was H. R. H. the Duchess of York—now Princess of Wales. So charmed was she with the surroundings that the Ogilvie Flour Mills Co. have been appointed, by Royal Warrant, Millers to the Prince of Wales, and bakers in the Royal Household are commanded to use no other flour than the product of this Company's mills.

There is a triple compliment in this appointment, to the country, to the Company, and to the product. The attention that is naturally directed to Canada by such unique distinctions as this, does not affect simply the one line, but kindred lines, and, generally speaking, all the agricultural products of Canada. Practically the whole of the Dominion gains by the position occupied by the Ogilvie Flour Mills Co., apart from the great sums of money spent by them in Canada.



F. W. THOMPSON, MANAGER.

The Prince of Wales' three feathers on each bag is a distinguishing mark. Very few consumers are unacquainted with the trade marks and registered design, every bag being sewed with red, white and blue cord.

### Well-known Brands.

The two brands sold throughout Canada and the flour-importing countries of the world are Ogilvie's Glenora Patent and Ogilvie's Hungarian Patent. All that science and mechanical knowledge combined could do for the perfecting of flour-making has been applied to the manufacture of Ogilvie's Flour, and as they have led in the past, so have they the advantage for the future.

The evolution of flour-making from the primitive grinding of grain in the East thousand of years ago, through all its mechanical and scientific gradations to its present condition, is embodied in the Ogilvie Mills, produces these two brands, which are the perfection product of the art of cereals.

While the buyers of the wheat in the West are amongst the most expert in the world, they had a long connection with the Company, and

while the wheat selected is only the best, yet the most exacting tests are continuously made as the flour passes through its final stages to see that its quality is maintained. Experts are employed for this work alone, and a standard of uniform excellence is maintained.

### The Commercial Standard of Canada.

Ogilvie's is practically the Standard by which flour is graded in Canada, and we notice the Toronto Globe and other papers base their quotations on Ogilvie's brands.

Consumers, whether large or small, should understand that it is to their interest to use this flour in preference to inferior qualities, and in getting Ogilvie's they may rest satisfied that they have the best.

It is a deduction simply made from the facts that it would be impossible to produce a better flour than Ogilvie's. The conditions and circumstances are so largely in their favor that it would hardly be reasonable that any other manufacturing concern should claim an equality of product.

The bakers of Canada are the best judges amongst Canadians of the properties of flour, and they recognize the advantage of using the very best flour and accept Ogilvie's as giving the greatest satisfaction.

The success of a business can be made or marred, according to the good or bad quality of a material used, and when the best can be obtained it shows only reasonable commercial instinct to select the best in preference even to second best.

### "Ogilvie's Royal Breakfast Food" and "Ogilvie Oats."

At the present time we are deluged with a multitude of breakfast foods, and many of uncertain origin and still more uncertain value. A great many of these are imported, so that the item of duty is added to the original cost and consumers in Canada pay fancy figures for them. The basis of a breakfast food is the quality of its constituent parts. This is supplemented by the process it undergoes. Ogilvie's Royal Breakfast Food is produced from the best selected wheat, carefully and scientifically prepared to retain its nutriment and present it in a most palatable and digestible form.

Ogilvie's Royal Breakfast Food has all the good qualities claimed for the best of them, and the fact that it is Ogilvie's is the best guarantee of its purity, its value and its excellence. Amongst breakfast foods this one has a value on a par with the value of Ogilvie's flour amongst other flours.

"OGILVIE OATS" is an old-time favorite for the breakfast table, and is known throughout Canada. It is simply a preparation in which the best qualities of the grain are preserved, and which has stood the test of years.

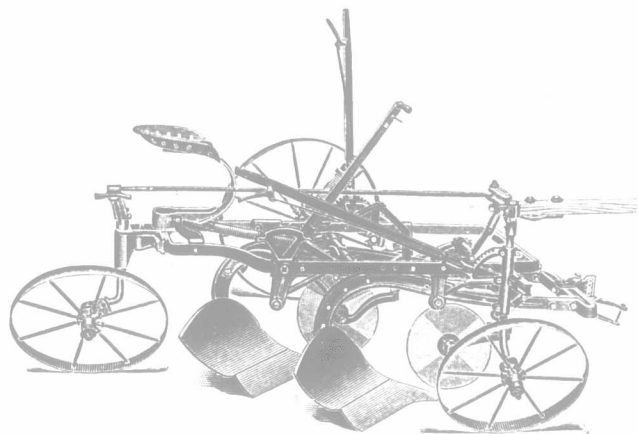
### The Management and Its Aims.

The guiding spirit in this vast concern is the Vice-President and Managing Director, Mr. F. W. Thompson, who has been associated with its success for the past 25 years, and who now in the prime of his life is devising plans for improvement and development that the marvellous growth of the Company may be maintained.

The objects of Mr. Thompson and those associated with him are to use the Ogilvie Flour Mills Co. not only as the largest in the British Empire, but one of the largest in the world, is likely to be realized in the near future. The pride and ambition of the management view the progress of the Company as a matter of national concern should be maintained. Mr. Thompson and his associates are men of high energy and command the respect of the industry on whose shoulders the future of the flour industry rests.

# A Gang Plow Given Away

Would be no attraction if the gang wasn't a good one. Farmers WANT GOOD PLOWS, and are willing to pay for them.



## The Columbia Gang

For instance, is used by thousands of farmers. They put their money and faith in it, and now have more money and more faith than ever. There are lots of reasons why they like it so well—why it is so popular. One of them is that

**It has absolutely no side draft.**

The evener does it—it's not the ordinary kind. The horses have plenty of room and—well, don't you want a circular that tells all about it?

Manufactured by

### Rock Island Plow Co.,

ROCK ISLAND, ILLINOIS, U. S. A.

JOHN STEVENS, General Agent, Winnipeg, Man.

# "GOOD CHEER" SUNSHINE.



COAL AND WOOD COOK. PERFECTLY FITTED. HIGHLY NICKELED. STEEL OVEN.

MADE ONLY BY

The Jas. Stewart Mfg. Co., Ltd., Woodstock, Ont.

The J. H. ASHDOWN HARDWARE Co., Limited, WINNIPEG,

Wholesale Representatives for Manitoba and Northwest Territories.

THERE ARE **100,000 BARNs** THAT HAVE

THE BEST CLEANING, GRADING, SEPARATING MACHINE

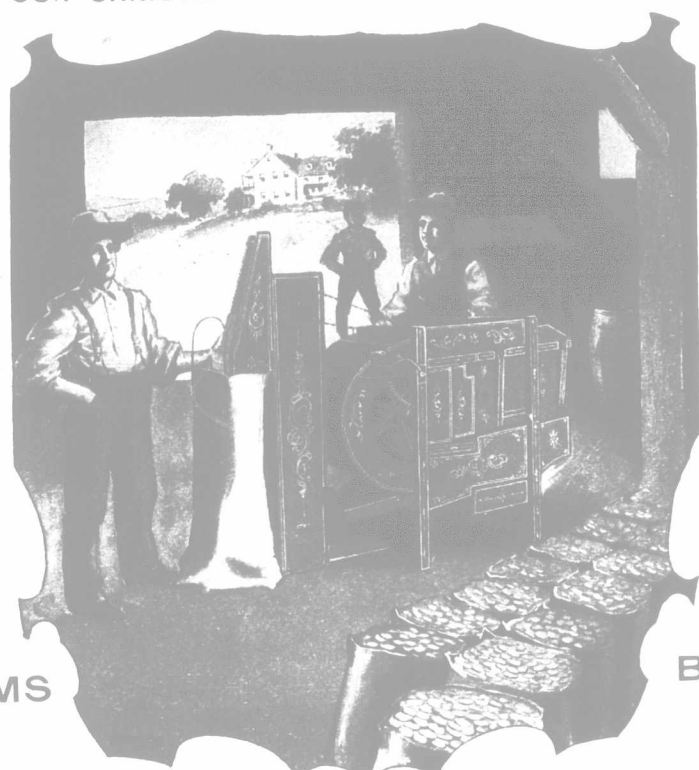
The Famous Chatham Fanning Mills

IN CANADA OR UNITED STATES

OUR CHRISTMAS WISHES FOR THE WEST ARE

1  
0  
0  
0  
0  
0  
0

NEW FARMS



1  
0  
0  
0  
0  
0  
0

NEW BARNs

100,000 New Fanning Mills, and a Lot of Them Chathams.

MANUFACTURED BY The M. Campbell Fanning Mill Co. of Chatham, DETROIT, MICH. LIMITED, CHATHAM, ONT.

WM. ATWELL, BRANDON, Gen. Agent for the West

Terms easy. Write for prices and booklet. "How to Make Dollars Out of Wind."



CLEARING OUT SALE



## CREAM SEPARATORS

Here is an opportunity for a farmer to get a valuable Separator at REDUCED PRICE.

Creamery and Cheese-Factory Outfits. Large Stock of Dairy Machinery.

Write for particulars at once to

### Winnipeg Creamery & Produce Company.

S. M. BARRE, Manager.

WINNIPEG, MAN.

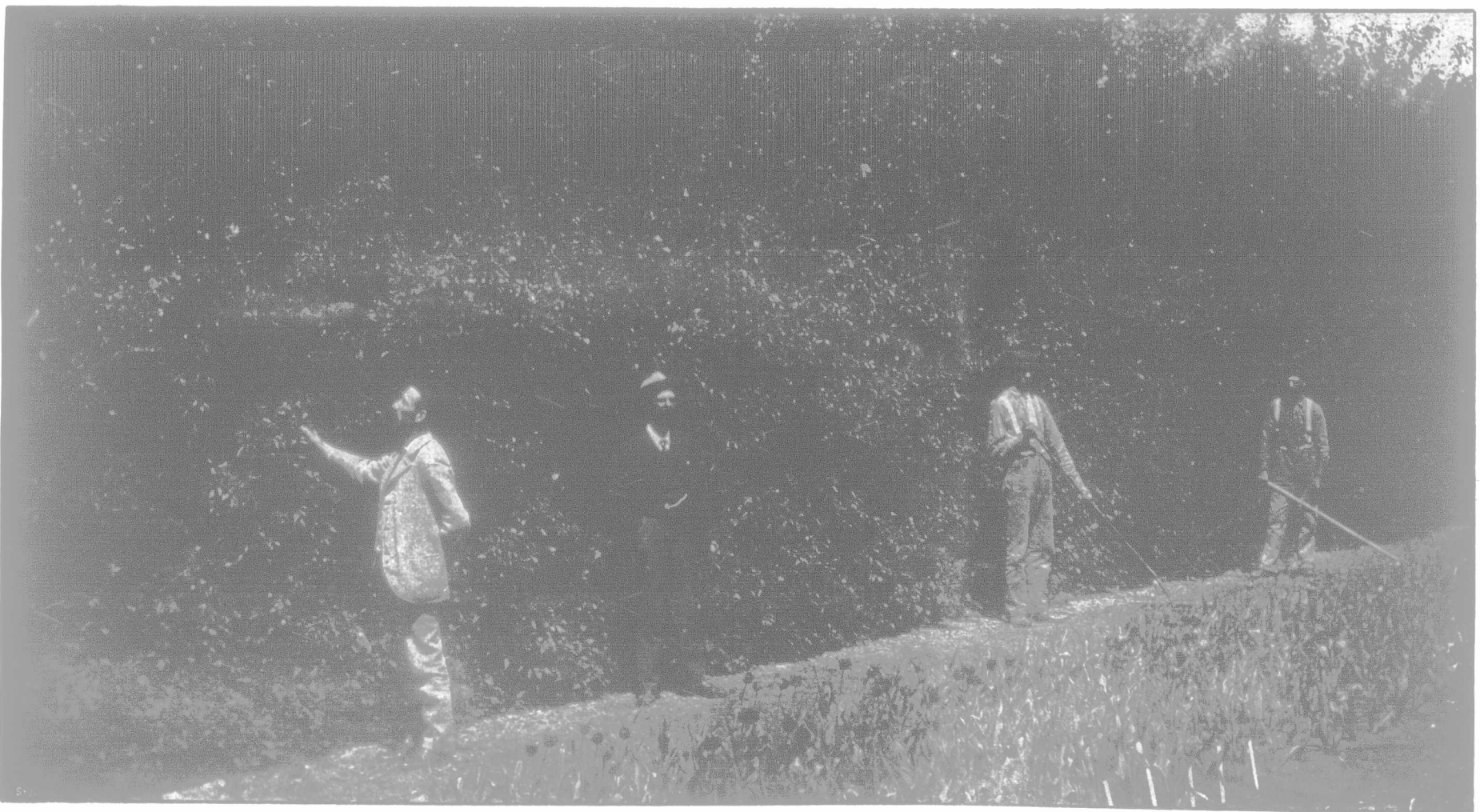
## Beautify Your Homes and Protect Your Crops and Stock



(REPRODUCED FROM ORIGINAL PHOTOGRAPH BY THE STOVEL COMPANY, WINNIPEG.)

### SECTION OF SPRING PARK FORESTRY NURSERY, BRANDON, MAN.

Where our plants are propagated and for sale at following prices: Cottonwood at 3 cents each by hundred; Manitoba maple at 3 cents; Elm at 3 cents; Oxyacantha at 3 cents; Russian poplar at 3 cents; Buckthorn at 3 cents. All **GUARANTEED TO GROW**, or replaced at company's expense. Parties wishing to beautify their homes can secure from us best variety of plants, and at lowest prices ever offered the people of Manitoba.



(REPRODUCED FROM ORIGINAL PHOTOGRAPH BY THE STOVEL COMPANY, WINNIPEG.)

### WIND-BREAK, 10 YEARS OLD, EXPERIMENTAL FARM, INDIAN HEAD, ASSA.

The above cut of "wind break" represents what every man can and ought to have growing on his farm. It is a thing of beauty, adds value to your farm, and affords indispensable protection to crops and stock.

The following is a list of the Board of Directors, who are all land owners in the Province of Manitoba:

DUNCAN MCGREGOR, A. S. PHILIP, H. A. McNEIL, GEO. BROOKS, J. K. CAMERON, GEO. REID, JAMES BRANDON, M. VANCE, N. J. CARSON.

**AUTHORIZED CAPITAL, \$75,000.**

## The Manitoba Farmers' Hedge & Wire Fence Co., Ltd.

DUNCAN MCGREGOR, President

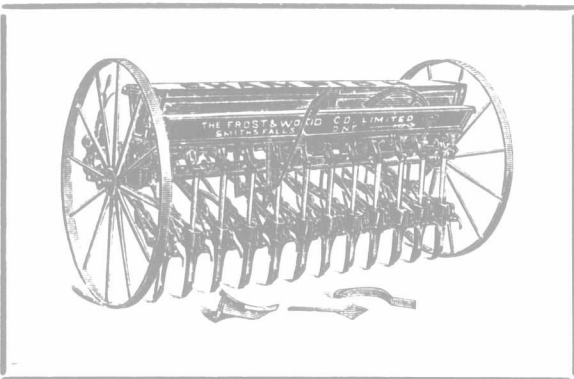
HEAD OFFICE Fleming Block  
Brandon, Man.

B. D. WALLACE, Secy. and Manager.

# Canadian Implements for Canadian Farmers



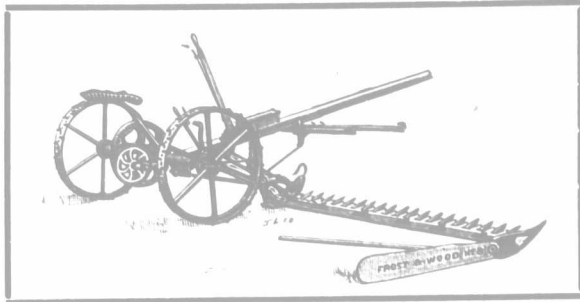
WE WANT YOU TO BUY THEM.



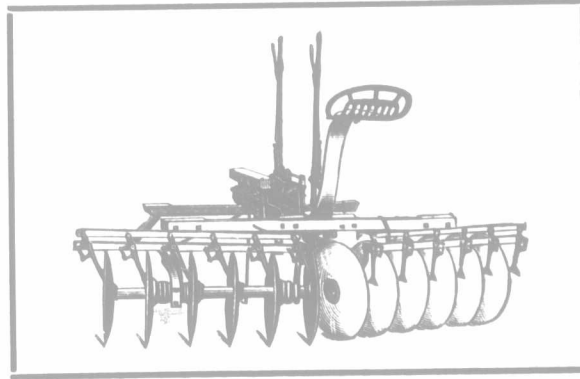
**WE MAKE**

Binders, Mowers,  
Reapers, Horse Rakes,  
Drills, Broadcast Seeders,  
Cultivators, Disc Harrows,  
Spring-Tooth Harrows,  
Spike-Tooth Harrows,  
Scufflers, Plows,

And We Make Them Right.



WE KNOW YOU WILL LIKE THEM.



OUR CATALOGUE TELLS ALL ABOUT THEM.  
ASK FOR IT.

HEAD OFFICE AND WORKS:  
SMITH'S FALLS, ONT.



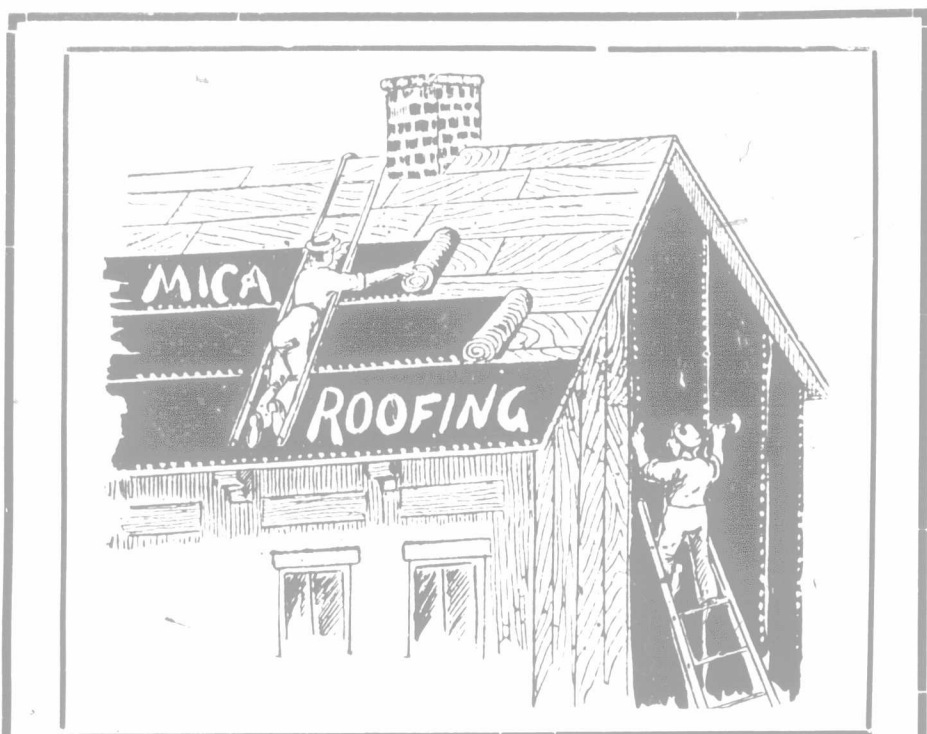
BRANCH OFFICES:  
Toronto, Ont. Montreal, Que.  
London, Ont. Quebec, Que.  
Winnipeg, Man. St. John, N. B.  
Truro, N. S.

If you want the very best Sugars,  
ask for

# ST. LAWRENCE SUGARS

The St. Lawrence Sugar Refining Co.,  
MONTREAL, LIMITED,

All wholesale grocers can supply them.



## All-wool Mica Roofing

Manufactured in Canada especially to withstand the severe contraction of the frost. American paper roofing is a failure in this respect. Eleven years' experience has established the enduring quality of the All-wool Mica Roofing. It is perfectly wind, water and fire proof. The C. P. It. uses this roofing in large quantities, which is a guarantee of its worth. It is economy to use the best roofing. Send for samples and booklet. Send stamp for reply.

**W. G. FONSECA,** Issuer of Marriage Licenses,  
Real Estate Agent,  
176 Higgins Avenue, Winnipeg.

W. G. Fonseca, Esq., Winnipeg, July 19th, 1901.  
Dear Sir,—I have no hesitation in stating that the "All-wool Mica Roofing" handled by you is a first-class material. Our new office at the mill, engine house and roof over the new engine at the mill have all been roofed with this material, and has given good satisfaction.

(Signed) W. W. OGLIVIE MILLING CO.  
F. W. Thompson, Gen. Mgr.

m

# Ten Times

In the last ten years, during the Christmas season, have we offered to each purchaser of one of our pianos, a discount of 10%. This means a present of from

**25<sup>00</sup> to 50<sup>00</sup>**

Each time an increased number of wise ones have taken advantage of our offer.

As this is the only time during the year we allow this discount, why not take advantage of it?

Can you imagine anything that will prove more acceptable as a Xmas gift? We can't. Write for particulars.

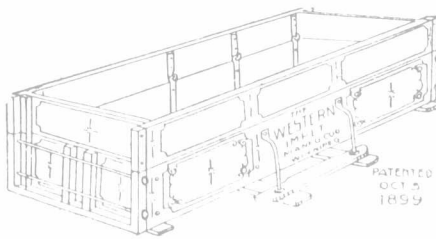
**MASON & RISCH PIANO CO.,**  
**WINNIPEG.**

# "The Western"

**Combination Wagon Box,  
Hay, Grain and Stock Rack.**

### WHY YOU SHOULD BUY A "WESTERN" COMBINATION RACK:

1. It is made strong (1½ lumber, sides and bottom).
2. You are getting a good wagon box.
3. A good hay rack.
4. Stock rack.
5. A boy can change from one article to the other. No calling on your neighbors for help.
6. It is made in the West.

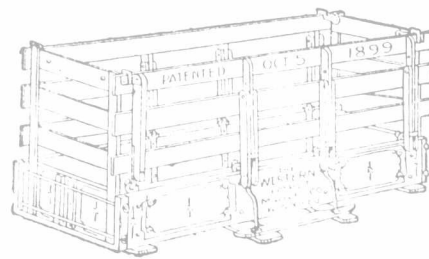


Dr. Thompson, Provincial Veterinary Surgeon, writes:

"Winnipeg, Oct. 25, 1902.

"I am more than pleased to say your rack is the handiest and strongest one I have ever seen. Last week my son drew 112 bushels of wheat in our 12-ft rack, and I gladly recommend it to all farmers."

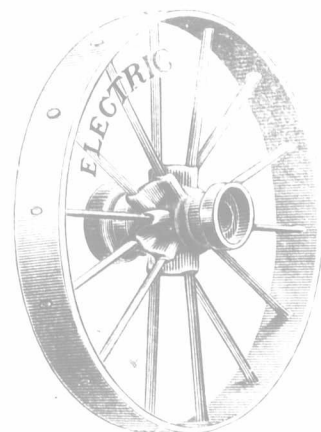
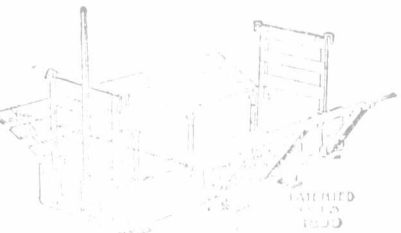
**Help Build Up the West by  
Patronizing Goods Made in the West.**



FOR FURTHER PARTICULARS, WRITE:

**The Western Implement  
Mfg. Co., Ltd., WINNIPEG, MAN.**

Makers of Comb. Racks, Grain Tanks, Wheelbarrows, Washing Machines, Smit Killers, etc. General agents for Electric Tractors and Wheels for any Wagon, Grinders, Straw and Fensilage Cutters, etc.





# WE SELDOM BOAST!

Perhaps we're too modest,  
but we just wish to say that

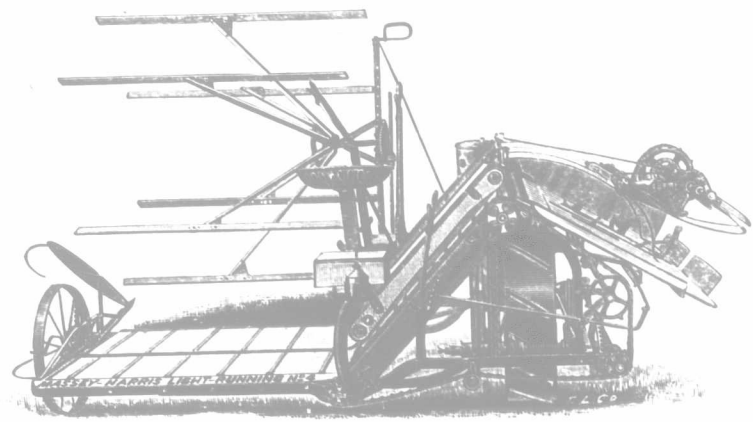
## MASSEY-HARRIS CO.,

LIMITED.

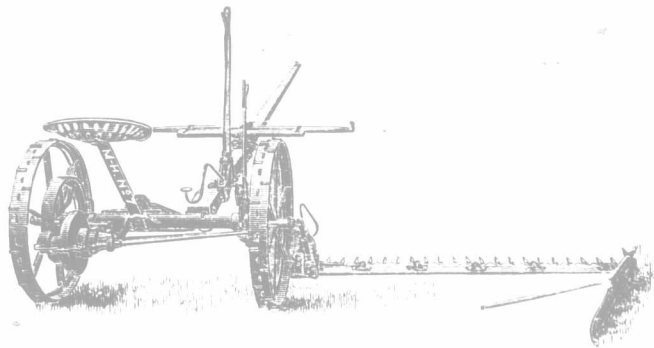
has recently won the

**HIGHEST AWARDS**  
for  
**Binders, Mowers and  
Reapers**

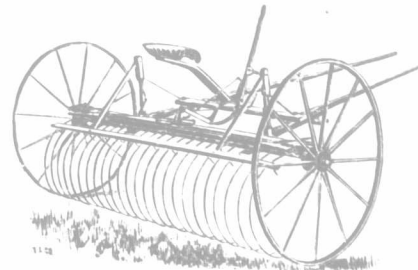
in a field trial in Ischigri, Russia, in competi-  
tion with Deering and Osborne machines.



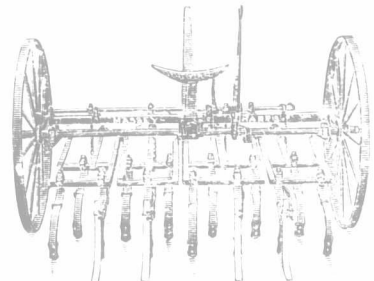
MASSEY-HARRIS BINDER.



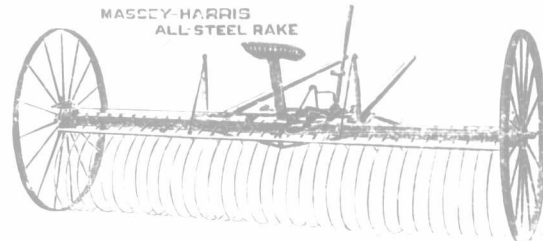
MASSEY-HARRIS MOWER.



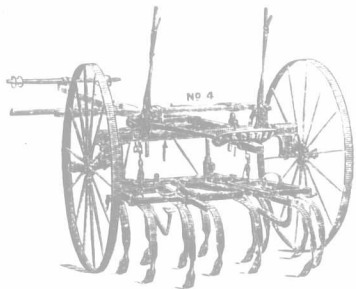
MASSEY-HARRIS SHARP'S RAKE.



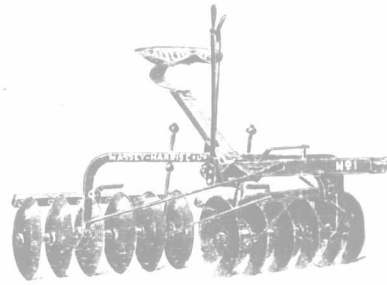
MASSEY-HARRIS STANDARD CULTIVATOR.



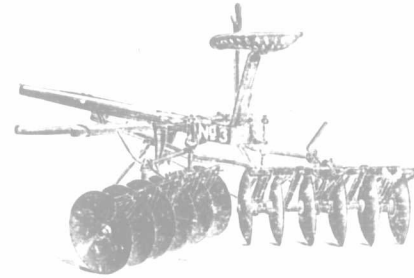
MASSEY-HARRIS ALL-STEEL RAKE.



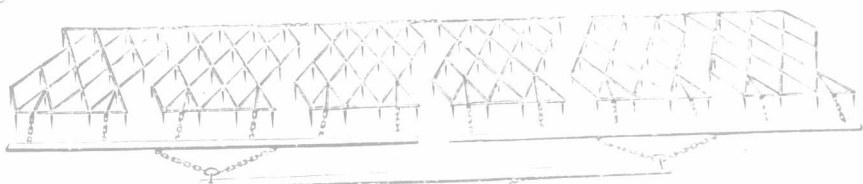
MASSEY-HARRIS CORN  
CULTIVATOR.



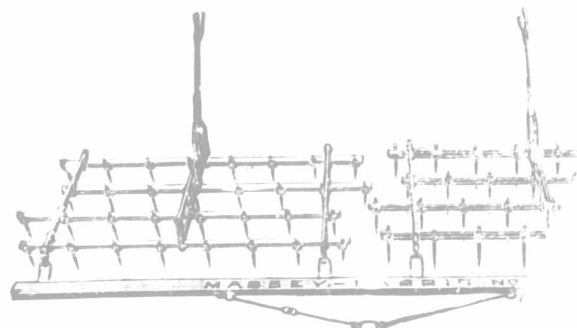
MASSEY-HARRIS NON-REVERSIBLE  
DISC HARROW.



MASSEY-HARRIS REVERSIB'  
HARROW.



MASSEY-HARRIS DIAMOND HARROW.



MASSEY-HARRIS SPIKE-TOOTH

**Dissolves Easily.**

Windsor Salt.

Windsor Salt is very soluble. Its pure, white, delicate crystals are quickly absorbed in the butter. It makes buttermaking easier and more profitable.

**Wise Ways of Women.**  
 No "prizes" offered with common soaps will long tempt the wise woman to use common soaps. The wise woman soon sees she has to pay dearly for "prizes" in the low quality of soap, in the damage common soaps do her clothes and her hands. The wise woman considers her health—so soon ruined if she were to continue breathing the steam of adulterated common soaps. The wise woman recognizes the difference between such soaps and Sunlight Soap—Octagon Bar. 212

**Catalogue Printing Our Specialty.**  
 Many of the best Catalogues in Canada are produced by us. Latest type faces, designs, ornaments, and modern machinery.—Best in America. Up-to-date covers designed by special artists without extra charge.  
 London Printing & Litho. Company, Ltd.,  
 LONDON, ONTARIO.

**The Mutual Life of Canada.**  
 FORMERLY THE ONTARIO MUTUAL LIFE.  
 Policies in force, over - - - \$34,000,000  
 Assets, over - - - - - 6,000,000  
 Every Safe and Desirable Kind of Policy Issued.

**Money to Loan** on Improved Farms, etc., at Current Rates. Costs Low.

Apply to  
**HEAD OFFICE: WATERLOO, ONT.**  
 Or to  
**P. D. MCKINNON, Prov. Manager. WINNIPEG, MAN.**  
 BANK OF HAMILTON CHAMBERS.

**EWING'S** are thoroughly reliable  
 AND BETTER CANNOT BE FOUND.  
 We mail FREE our

**SEEDS** Illustrated Seed Catalogue  
 FOR 1903  
 to all sending us their addresses.

OUR assortment is complete, and includes full lines of Plants, Flowering Bulbs, Shrubs, Tools, etc., besides all varieties of seeds for farm or garden, and Seed Grain.

**WILLIAM EWING & CO'Y,**  
 SEED MERCHANTS,  
 142 MCGILL ST., MONTREAL.

**I Will Cure You of RHEUMATISM**

Else No Money Is Wanted.

After 2,000 experiments, I have learned how to cure Rheumatism. Not to turn bony joints into flesh again; that is impossible. But I can cure the disease always, at any stage, and forever.

I ask for no money. Simply write me a postal, and I will send you an order on your nearest druggist for six bottles Dr. Shoop's Rheumatic Cure, for every druggist keeps it. Use it for a month and, if it succeeds, the cost is only \$5.50. If it fails, I will pay your druggist myself.

I have no samples, because any medicine that can affect Rheumatism quickly must be drugged to the verge of danger. I use no such drugs, and it is folly to take them. You must get the disease out of the blood.

My remedy does that, even in the most difficult, obstinate cases. No matter how impossible this seems to you, I know it and I take the risk.

I have cured tens of thousands of cases in this way, and my records show that 39 out of 40 who get those six bottles pay gladly.

I have learned that people in general are honest with a physician who cures them. That is all I ask. If I fail, I don't expect a penny from you.

Simply write me a postal card or letter. I will send you my book about Rheumatism, and an order for the medicine. Take it for a month, as it won't harm you anyway.

If it fails, it is free, and I leave the decision with you. Address Dr. Shoop, Box 52, Racine, Wis.

Mild cases, not chronic, are often cured by one or two bottles. At all druggists.—Advt.

**Private Creamery Outfit**  
 FOR SALE

In first-class working order. One Russian separator, capacity 800 to 1,000 pounds per hour. One cream vat, modern. One hundred-gallon churn, square. Also a two-horse tread power will be sold with above or separate. This machinery will handle profitably the milk of from 15 to 75 cows. Apply to  
 W. F. W. FISHER, BURLINGTON, ONT.



# PIANOS BELL ORGANS



THE HIGHEST TYPE OF EXCELLENCE.

THE BELLOLIAN  
 AUTO-PNEUMATIC ORGAN.

A Perfect Self-Player, and is needed by everyone who is unable to play, or by those who have not the time to devote to musical study. Anyone can with this instrument produce themselves any desirable musical composition.

GIVING PLEASURE TO OVER

## One Hundred Thousand Purchasers.

Those contemplating the purchase of PIANO or ORGAN will find it most profitable to procure one bearing the name **BELL**: they are "Built to Last a Lifetime."

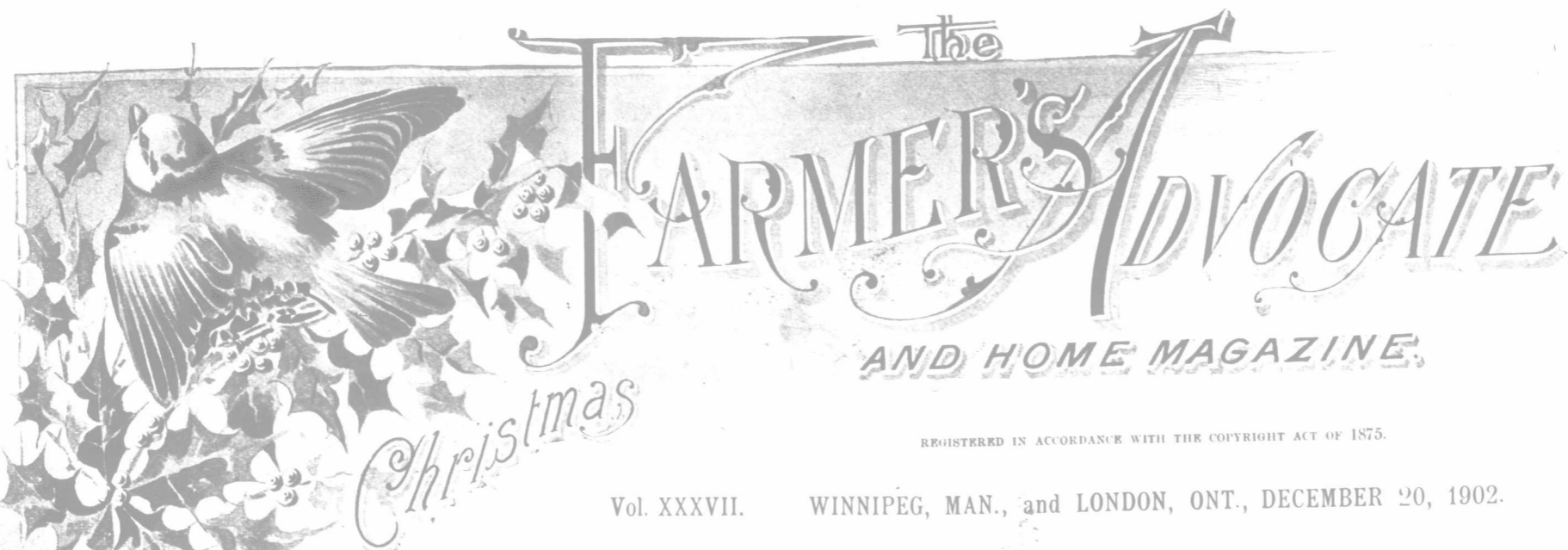
THE BELLOLIAN  
 PIANO PLAYER

will be welcomed as the best, most simple and easily operated device for playing the piano. A child can use it and produce with almost human accuracy the most difficult musical composition. It also cultivates a taste for the classical music which without much study and expense one could not produce with their own fingers.

## BELL ORGAN & PIANO CO., LIMITED.

Chief Offices and Factories at GUELPH, ONTARIO.

146 Yonge St., TORONTO.
15 Bridge St., SYDNEY, N. S. W.
11, Abchurch Lane, LONDON, E.C. 4, ENGLAND.
Catalogue F. Sent Free.



Vol. XXXVII. WINNIPEG, MAN., and LONDON, ONT., DECEMBER 20, 1902. No. 564.

## Lightly Weave The Wheaten Garland.

Lightly weave the wheaten garland for the brow of one we love,  
With it twine the gracious maple touch'd with light from Heaven above,  
Crown Our Lady all resplendent with those symbols of her power,  
Wheat and maple softly blending, as her own and rightful dower!  
Canada reveals new visions, but there's none of all more sweet  
Than the plainsmen busy gleaning 'mid her boundless fields of wheat.

Fair and stately shone the pageant when King Solomon, array'd  
In his glory, welcomed Sheba's queen with all her cavalcade;  
New and dazzling was the splendor when those feudal kings of old,  
Brilliant human suns of glory, lit that field—"the cloth of gold!"  
Yet our tired eyes turn gladly now a fairer scene to greet,  
'Tis the plainsmen busy gleaning 'mid the boundless fields of wheat.

Ah! the better day is breaking!—now the earth a shadow flings  
Like the phantom of old Sorrow on those revels of her kings,  
For their diamonds and pearls sought in desert, pit and flood,  
Speak of tears of bitter agony, bear yet the trace of blood;  
While 'tis ours to sing of freedom, never slave with fetter'd feet,  
Pining, breath'd a sigh to Heaven from our boundless fields of wheat.

Wealth appears in forms protean, wearing still a new disguise,  
Flying far when need is sorest, bringing oft a glad surprise,  
Stealing now in shape alluring from the wood, the sea, the mine,  
Yet if ever out of Eden she has worn a form divine,  
'Twas when sprang in Manitoba, all with magic power replete,  
Blessed earnest of our future, that first ripen'd stalk of wheat.

All its need was loving nurture: finding that the harvest grew  
'Neath the sunny smile of morning, 'neath the touch of starry dew,  
Till young Canada, enraptur'd at the radiance of the gleam,  
Mused amid the golden glory of the promise of her dream;  
If 'tis thus so bright and early while the night and morning meet,  
Noon shall see the nations feasting on the gleanings of our wheat!

Scarce uplifted is the curtain to display the rolling plains  
Conquer'd by a stalwart people having freedom in their veins,  
Having freedom in their veins as the peaceful scene unrolls,  
Having freedom in their veins which inspireth mighty souls,  
Mighty souls that, high and holy, as Time's throbbing pulses beat,  
Praise their God, the Lord Almighty, for the blessings of the wheat.

Lightly weave the wheaten garland for the brow of one we love,  
With it twine the gracious maple, touch'd with light from Heaven above,  
Crown Our Lady all resplendent with those symbols of her power,  
Wheat and maple softly blending, as her own and rightful dower;  
Canada reveals new visions, but there's none of all more sweet  
Than the plainsmen busy gleaning 'mid the boundless fields of wheat.

ROBERT ELLIOTT.

## The Land of Promise and Fulfilment.

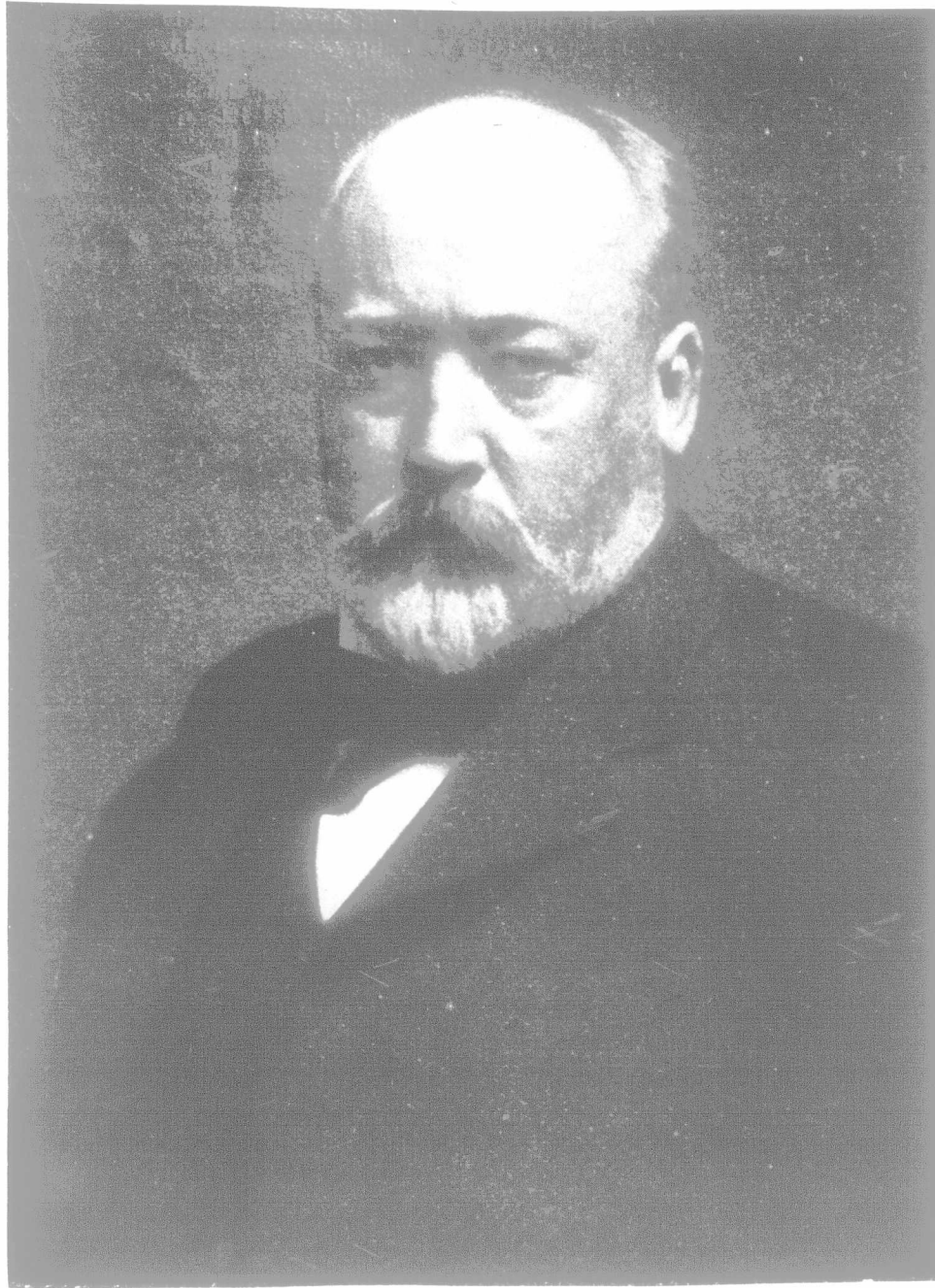
Canada has suddenly swung out into the world's great current on one of those tidal waves of progress that come betimes to nations. In a measure overshadowed by the magnitude and splendid development of the United States during the couple of hundred years just passed away (though last year her total trade was about double that of the Republic per head of population), it remained for the dawn of the 20th century to disclose to the world the greatness of her natural resources and to realize within herself as she has never done before the birth-thrills of national life and activity. With an area greater than that of the United States, and but little less than that of all Europe, with vast stretches of fertile land yet unoccupied, with a healthful climate, with waterways capable of carrying the commerce of the world, with great lakes and streams teeming with fish, with practically illimitable timber and mineral wealth, with a moral, intelligent and self-reliant people, forty-five per cent. of whom are engaged in agriculture, Canada is destined to become one of the chief food-producing and industrial centers of the world. Every enterprise is making marvellous strides. Since Confederation our total trade has increased from \$131,000,000 to nearly \$424,000,000, and the volume, according to the latest trade and navigation returns, is still rapidly increasing. For the last fiscal year, out of a total of \$211,640,286 exports, over \$107,000,000 was from the farms, going chiefly to Great Britain. The "great trek" Canadaward of population and capital will cause this development to continue. To their tough nature will yield up her resources. All that is needed is facilities to bear them to the world on terms that leave the toiler a fair return for his skill and industry. The genius of a nation-building seer flung one railway across the Dominion and more are coming to discover wheat, cattle, timber and ore beyond the dreams of avarice. Since 1881 our railway mileage has increased from 7,260 to 18,139, while passengers, freight and earnings have tripled. Another fleet of steamers will plow the Western Ocean, and we shall see an adequate Atlantic service from Canada to Great Britain, and the eastern termini of our railways at Canadian ports. Canada is British, and vital to the Empire's being. We are on the great highway to the unnumbered millions of China and Japan now quickening into life, and the new British Australian Commonwealth. Cy Warman, the popular American author, who makes his home under the honest blue of Canadian skies, contributing for our colored frontispiece, with poetic vision discerns in our golden sunsets the bright augury of a golden day now dawning, and sees "the maiden Empire making the mother Empire's bread." Let us be true to our traditions, true to Canada, and true to the motherland of liberty, intelligence and faith.



**Lord Dundonald, Canada's Military Chief.**

Douglas Mackinnon Baillie Hamilton Cochrane, better known as Lord Dundonald, whose portrait we give in this issue, is the twelfth holder of the Earldom first created in 1669. He comes of a fighting family. His grandfather, known in history as Lord Cochrane, distinguished himself in destroying the great Napoleon's fleet in the Basque Roads in 1809. He was also much in evidence in the wars for the independence of Chili and Peru a few years later. The subject of this sketch is in the prime of life, having been born 50 years ago (29th Oct., 1852). He is a military man of note, and has had much experience in real warfare in various parts of the world. Entering the Second Life Guards in 1870, he served in the Nile expedition of 1884-85, in which the Canadian voyageurs did such signal service, and was mentioned in the despatches. Promotion after promotion came to him. From 1895 to 1899 he was Colonel commanding the Second Life Guards, and when the war in South Africa broke out he was given the command of the South Natal Field force, before Colenso and elsewhere. Afterwards, he commanded the Second Cavalry Brigade at the relief of Ladysmith, and subsequently the combined 300 Mounted and Natal Volunteer Brigades, clearing Natal of the enemy, and then taking command of the 300 Mounted Brigade operations which were so effective in bringing the war to a close in the Transvaal. In his two years' service in South Africa, Lord Dundonald had much to do with the Canadian Mounted Rifles and the Strathcona Horse. They were under his especial command, and he has invariably spoken highly of their merit as citizen soldiers. He was himself promoted to the position of Major-General for distinguished services in these operations, and he well deserved it. Canadians generally, and especially the militia force, were well pleased when they learned early last summer that Lord Dundonald had been prevailed upon to accept the position of Commander of the Dominion Militia. He took hold of the position in July, and has made a very favorable impression. He is, as his published addresses show, thoroughly seized of the military necessities of Canada, and is likely to give cordial co-operation to the Government in promoting the efficiency of the force under his command, without unduly increasing the expenditure. The Major-General lays much stress on the thorough education of the officers—commissioned and non-commissioned—of the various corps, but he never loses sight of the practical training of the men, and of developing among them self-reliance, common sense and reason in emergencies, which, by the way, were qualities lamentably deficient among many of the regular force that operated in South Africa. Lord Dundonald begins well, and we are sure the people of Canada wish him a most successful term. He will find Sir Frederick Borden a reasonable civil government chief. The Major-General is happily married to a Welsh heiress, who was Miss Winnifred Hesketh, and their home is at the romantically situated Gwyrch Castle, Abergele, North Wales. They have a charming family of five—two sons and three daughters. His heir is Lord Cochrane.

The C. P. R. has engaged Mr. W. W. Hubbard to travel through the districts of the Maritime Provinces served by that railway to lecture on live stock husbandry, apple-growing, potato-growing, and model road-making.



*You very truly  
W. C. Van Horne*

**As an Agriculturist.**

Below we give a photogravure of Sir William Van Horne's farmstead at East Selkirk, of which Mr. James Yule will become manager at the beginning of the new year. In addition to the growth of wheat and other cereals, a specialty will be made of breeding Shorthorn, Hereford and Dutch Belted cattle. Sir William has a summer home farm at St. Andrew's, N.B.

It was a Maysville negro preacher who, needing the money, said: "Brethren, we will now staht de box, an' fo' de glory ob heaven, which eber ob you stole Mr. Jones' turkey will please not put anything in hit." And every man in the congregation contributed.

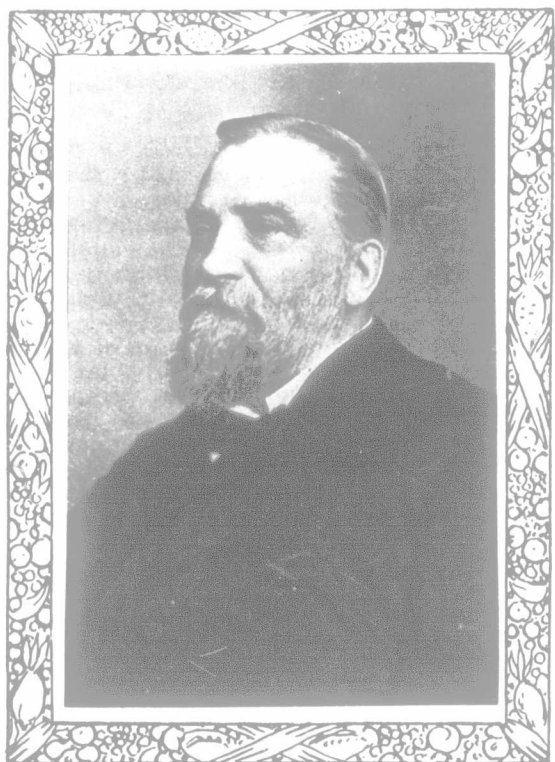
position he now occupies by sheer force and genius. Upon the retirement of Duncan McIntyre as Vice-President, in 1884, he took that office, and on the retirement of Lord Mt. Stephen, Sept., 1888, he became President. In 1894 he was created a K. C. M. G. by Her Majesty Queen Victoria, in recognition of his services in this portion of the Empire. Relinquishing the more active direction of C. P. R. affairs, he became Chairman of the Board of Directors. During a still later period, he has been engaged in the regeneration of Cuba's railway interests, his line there being recently opened for traffic. An artist, a literary critic, as well as a far-seeing railway chief, he will be sixty years old in February, and if one can judge by our photogravure, the wish of the "Farmer's Advocate" that he will yet build a few more railways, may certainly be realized.

**Get Married.**

Rev. Mr. Milligan, of Toronto, Ont., in a recent address, quoted Temyson's "Princess" as conveying the ideal of the married state. He declared that married life is the normal state of man and woman. Every man should, he said, seek out a woman to be his helpmeet, not of frivolous character, who marries to have a good time, but one who has the ministerial, not the magisterial, spirit, and that union would be blessed. The preacher exhorted the single man to look out for such a woman, and the single woman to look out for an earnest, loving, sensible and level-headed man for her husband.



SIR WM. VAN HORNE'S FARMSTEADING, EAST SELKIRK, MAN.



REV. LEO. GAETZ.

**Educational and Moral Progress in the Far West.**

BY REV. LEO. GAETZ, D.D.

One of the inspirations of the Westerner to-day is found in the fact that ever-increasing thousands of his fellow Canadians east of the Great Lakes are watching with keen interest the rapid development of our Western heritage, theirs and ours. To many, of course, that interest is very largely influenced by considerations of a commercial character. It could not well be otherwise. For, with capital ever keen for profitable investment; commodities ever reaching out for wider markets; with inventive genius, commercial enterprise, industrial skill and professional equipment ever alert for wider opportunities, such a resourceful field as our Northwest could hardly fail to awaken intense commercial interest; unless, indeed, the people of Eastern Canada had lost both the vision of the Seer and the business instincts of the Saxon. We have, certainly, no fault to find with this commercial interest, which contributes so directly to the work of nation-building, which Providence has manifestly laid upon the Canadian people.

But this brief letter is prompted by the conviction that the people of Eastern Canada are, by no means so mercenary as to be indifferent to nobler elements of national progress, viz., those pertaining to

**EDUCATION AND RELIGION.**

After all, man is greater than manufactures; wisdom is better than wheat; goodness is more precious than gold. It cannot but be a matter of the deepest concern to every right-thinking Canadian, that the foundations of mental and moral development should be laid deep and firm in this new land, and the superstructure pushed



GENERAL THE EARL OF DUNDONALD, Chief of the Canadian Militia.

forward with intelligent zeal and devotion. This we may confidently claim is being done even in the newer portions of the West.

Indeed, to one who, like myself, may claim to rank as a pioneer in this beautiful district of Central Alberta, who took a lively interest in the erection of the first schoolhouse and the first church between Calgary and Edmonton (except on Indian missions), a distance of two hundred miles, who saw the genesis of most and watched the development of all those factors which contributed to the prosperity of the Territories as a whole, it has been, and is to-day, a matter of most gratifying surprise to observe, on the part of the new settlers, the zeal and liberality displayed in the erection of schools and churches all over the settled portions of this country.

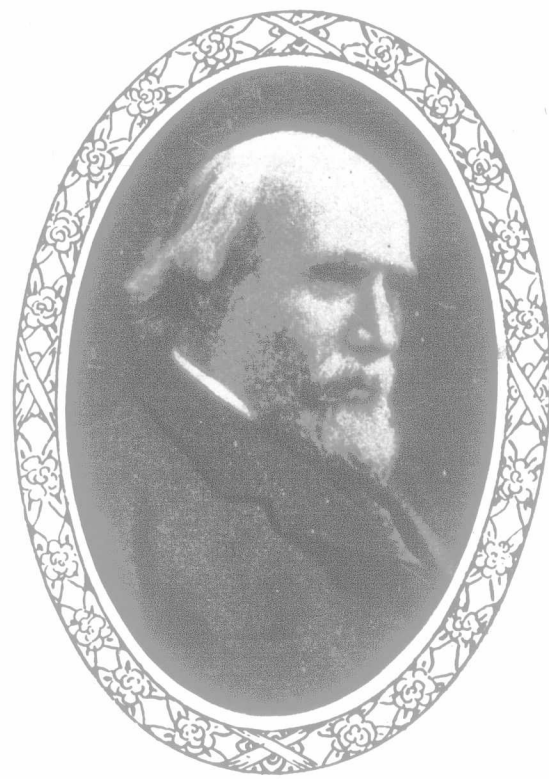
In the purely ranching districts, of course, sparse settlement is one of the necessary conditions of success; therefore, an obstacle to these institutions, for a while at least. But in every town and hamlet along the lines of railway, next to the elevator, which from economic considerations always holds a very high head, the most conspicuous object which meets the eye of the visitor, or even the passer-by, is the large and well-built schoolhouse, representing in many instances a money value of from fifty to seventy-five dollars per capita of the entire population; and, if the churches are less pretentious in size and appearance, they are certainly quite numerous, more numerous, perhaps, in some localities than is consistent with the economical disposal of men and money, considering the rapidly-extending missionary work of the various denominations in the field.

But, more gratifying still is the fact that at points remote from the lines of railway, ten, twenty or even forty miles, a mere handful of settlers no sooner have their tent-pins well driven, and the absolutely necessary shelter provided for their family and stock, than they begin to cast about for the establishment of a school, which the Territorial Government very wisely encourages by a liberal grant to the teacher. Under the school ordinance, the building becomes a charge upon all the lands within the school district, comprising an area of five miles square in rural sections. This building for a while, with consent of the trustees, serves the double purpose of school and church. But in an incredibly short time the social atmosphere is pregnant with the idea of church-building, and very soon, on some pleasant slope or charming valley, is erected a place of worship, which, if neither large nor artistic, is yet an unanswerable witness to the fact that these newcomers are not unmindful of the fact that "righteousness exalteth a nation."

It is not the purpose of this communication to go into detail regarding educational and moral progress in different localities; nor would statistics be specially interesting to the reader; but we think the general statement may be appreciated by many who are perhaps too much inclined to think of this new land merely as the "wild and woolly West." What is said is fairly applicable to the Territories as a whole, except, of course, those more remote localities occupied by Galleons and Doukaboors, whose mental, moral and political value to the country is yet questionable.

In a recent article, written by a learned college professor in the City of Winnipeg, for an American journal, and copied in the *Winnipeg Free Press*, many will be surprised to learn that development along nearly all lines, moral or material, was well-nigh at a standstill until a very recent date. The uninformed reader might infer that most, if not all, the elements of push and enterprise, heroic adventure, lofty appreciation of and firm faith in this country, came in with what the professor terms the "American Invasion." Those, however, who have kept in touch with history of the West will know that long before the general land boom tired the speculative genius of our neighbors to the south, and led to this unprecedented rush northward, the records of progress from Eastern Canada not only led the way, but led invasions and wars, and made the name of them more conspicuous and more effective than those which are to-day times of speculation and speculation made.

Now, therefore, we are well supplied with phys-



JAS. J. HILL.

The Canadian "Railway Wizard" of the U. S. West.

ure this peaceable invasion of our cousins from the south. Notwithstanding the fact that flood-tides of immigration, like other freshets, generally carry with them much driftwood and worthless timber, we can cheerfully testify, from personal knowledge and current report, that our Western country is being greatly strengthened and enriched by many very excellent invaders from "across the line," people who, in addition to being a valuable financial asset to the country, are often found zealous and generous helpers along lines of educational and moral progress.

Of course, we must not be understood as claiming to have attained nearly all that is most desirable along these lines, or even to have done all that might have been accomplished in these directions; but it must certainly be gratifying to our Eastern friends to know that amid the trying ordeal of making a home in a new country, often with very limited resources, we are not so selfish and sordid as to forget the examples set us by a truly noble ancestry, who, while hewing their homes out of the dense forests of the East, were not unmindful to stud her hills and valleys with schools and churches to exert their beneficent influence upon the life and character of this Canada of ours.

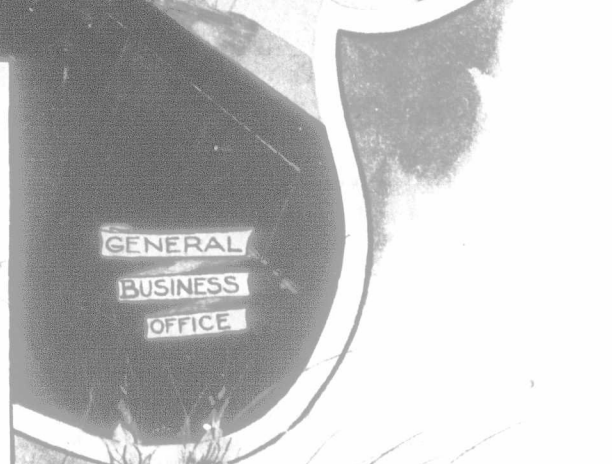
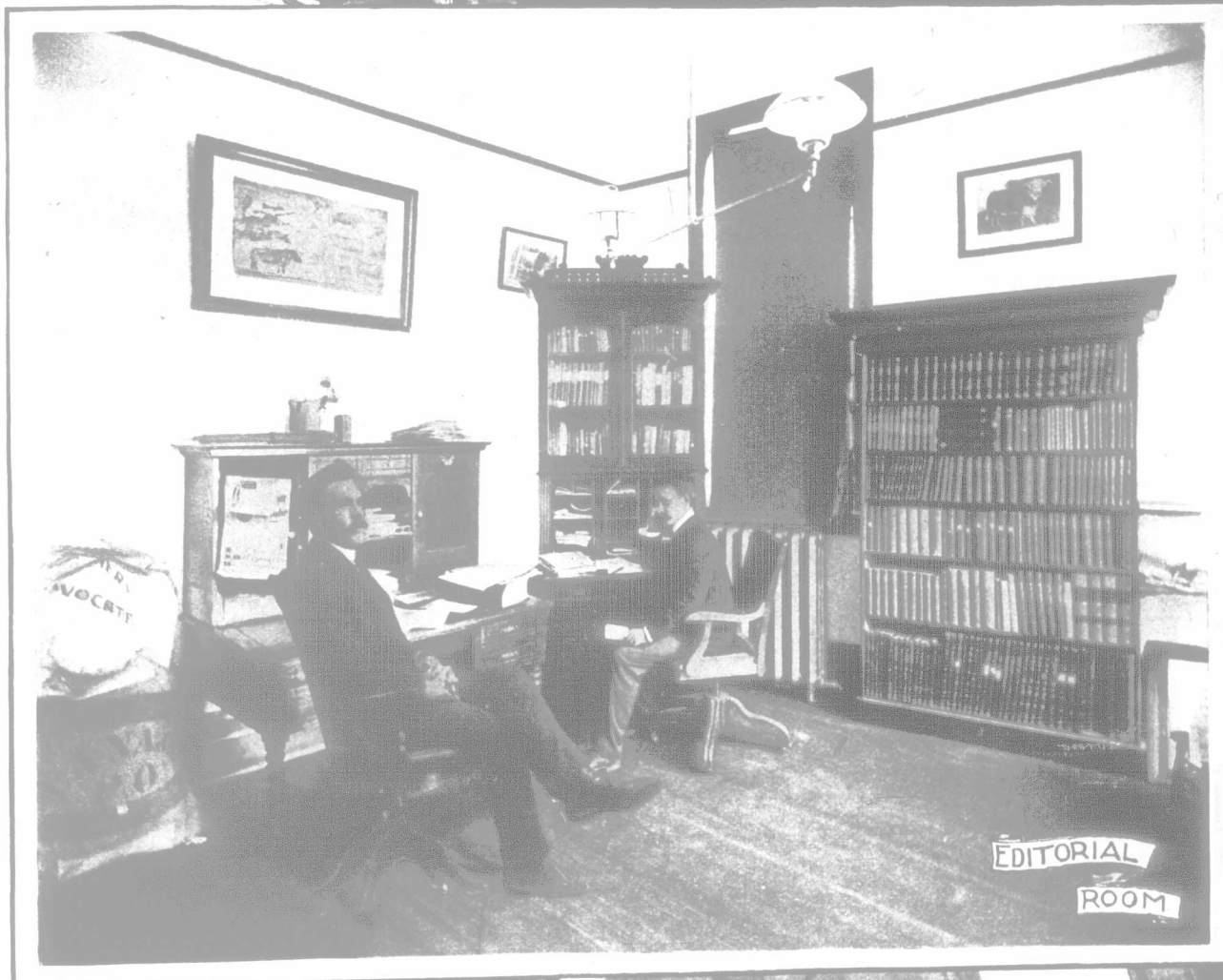
Northern Alberta, Nov. 25th, 1902.

**James J. Hill.**

Mr. Jas. J. Hill, of St. Paul, Minn., was born near Guelph, in Wellington County, Ont., on Sept. 16th, 1838. His father was of Irish and his mother of Scottish descent. Left an orphan at 18 years, and thrown upon the world, he went to St. Paul, where he landed, wondering what he should do next. He became a clerk in the Dubuque & St. Paul Packet Co., and by degrees rose from one position to another, till he was able to form the Great Northern Railway system, with 6,000 miles of road; the Northern Steamship Co., and has laid plans for transportation with the Orient.



INTERIOR BALCONY OF THE HOME OF JAS. J. HILL, WINSTON, ALBERTA.



HOME OF THE "FARMER'S ADVOCATE," IMPERIAL BANK BLOCK, CORNER MAIN STREET AND BANNATYNE AVENUE, WINNIPEG.





## Reminiscences of a Hunter.

BY "WHIP."

I am a son of Woodburn, my dam is Jessie by Old Terror, second dam by War Cry, hence I am seven-eighths bred. There can be no mistake about that, I have heard it said so often. I am a solid bay, stand 16 hands and weigh 1,260 lbs. I was born on a farm and did well the first summer. My master gave me to his son Tom, a lad of 17 years. He taught me to lead and stand tied when I was quite young; he also taught me



"THE IMP" WITH THE DUMMY ON.

to eat crushed oats, and when I was old enough to wean gave me a nice box stall and fed and cared for me well. It was not surprising that I was a good yearling. When strange men came to the barn, Tom used to lead me out for inspection. I looked and felt well, and used to show to good advantage. The remarks that were made by some were really laughable; it is not hard to know a horseman by the manner in which he criticizes a colt. I remember one day when two strangers were looking me over, one said: "Now, Tom, take my advice and trade that thing off for a steer; he is no good, his legs are like pipestems and he has a very poor brisket." The idea of a man talking about the brisket of a colt! The other said, "Don't pay any attention to him, Tom, he doesn't know a horse from a steer; you have a grand colt, he has the quality of a Thoroughbred, with the substance of a plow horse; if you take good care of him and handle him properly, he will make a high-class heavy-weight hunter and probably a good steeplechaser." I immediately concluded that this man recognized a good thing when he saw it.

The opinions of all horsemen were favorable, so Tom became very proud of me, impressed with the idea that he had in me the makings of

## A WORLD-BEATER.

Occasionally, people wanted to purchase me, but Tom would not price me. He always said, "He is not for sale." Tom's father was not so sanguine of future glory; he favored the heavy classes, and had sold my mother as soon as I was weaned. He advised Tom to sell me, but did not insist upon it, as he had given me to him, and was not one of those men who adhere to the old adage, "Boy's pig, but daddy's bacon." I came on well the summer of my yearling form. Tom continued my education and had me handy on the halter. In the fall he exhibited me at several exhibitions, in the class for yearlings by a Thoroughbred sire, likely to make saddle horses or hunters. I won first prize in every case, and Tom refused many tempting offers for me. I was admired for my size, quality, action and manners. I continued to improve the following year, and as a two-year-old won wherever shown.

During my third winter Tom was ill. I was left to the care of hired help, and soon learned what it means to a colt to be neglected. A great many strange horses were stood in the stable and I contracted colt distemper. I used to hear the men and Tom's father talking about his condition, and one morning I learned that he was dead. Everybody loved Tom and was very sorry, but none felt his death more than I.

Tom was an only son, and as his father was an old man, he decided to retire from farming. He advertised and sold his farm and chattels by public auction. Owing to neglect and the effects of distemper, I was neither feeling nor looking well the day of the sale. When I was led out I coughed badly and discharged freely from the nostrils. I heard several remark that I might not recover, and as the disease was contagious, it would not be safe to put me in a stable along with other horses; so there was no bidding. At last I heard some one say, "I have no horses to contract the disease, I'll give you \$25.00 for him." As no one else would have me, I was knocked down to this man, a Mr. B. He led me home and tied me in a dirty, foul-smelling stable with two cows and some hens. I soon realized that I had got into bad hands. Mr. B had a son called Sam, about the same age as Tom. He did not like horses, and the extra work my care entailed made him angry. He had a differ-

ent way of handling colts from Tom, and gave his orders in a different way. As a rule, I did not know what he wanted me to do. If I were not prompt he would kick me or strike me with a fork or anything he had in his hand. He did not feed me well, nor give me water regularly. Even under these conditions I soon recovered from the distemper, but being so poorly fed and roughly used, I became sulky, ill-tempered and treacherous. I resented the ill-treatment by kicking and biting whenever opportunity offered. I did not regain the flesh I had lost during my illness, and when I was turned out to grass in the spring of my three-year-old form, I was a tough-looking specimen of horseflesh. I did fairly well during the summer. Occasionally, I would jump into the neighbor's field for better pasture. Whenever I was found trespassing, the men of the farm would try to catch me to take me to pound, but I was so handy with my mouth and heels that they were afraid of me, and would set the dogs after me and throw stones. I could get away from the dogs, but could not always escape the stones. The whole neighborhood was afraid of me, and I was

## CALLED A VICIOUS BRUTE.

In the fall Mr. B and Sam managed to get me back into the stable with the cows and hens. The place was worse than before, as owing to neglect the hens were covered with vermin, which soon attacked me and caused intense agony. Sam was no more kindly disposed to me than formerly, and my love for him had not increased, so it was a fight from the first. I had gained some flesh and was now a big, strong fellow in fair condition. One day Sam told his father that he was going to break me to harness and sell me. He borrowed an old set of harness and a cart, and proceeded to put the harness on me. I kicked and would not have it. With his father's assistance, he got a twitch on me and got me harnessed and hitched to the cart. He had a long, strong rope around my neck and looped around my under jaw, while his father held the reins. This was the first time I ever had a bit in my mouth, and it irritated me and the harness produced a peculiar sensation. As soon as the twitch was taken off I commenced to plunge and kick, and as both harness and cart were rotten, I was soon free, except from the rope held by Sam, from which I could not escape. They got me back into my stall, and Sam said sullenly, "I'll starve you into subjection."

I was kept in the stable for about six weeks with little to eat or drink, and in the meantime Sam was more cruel than before. At last he thought he had me sufficiently weakened to make it safe to hitch me, so he borrowed another outfit and proceeded as before. I certainly was in a wretchedly weak state, but the blood of my ancestors had lost none of its blueness, and while reduced by poverty and abuse, I was not conquered. It was winter now, and they hitched me to a cutter. About the time that I had freed myself, except from the rope held by Sam, and both he and his father were endeavoring to express their opinions of me in language not fit for publication, a Mr. H. drove up and said:

"Hello B, what in thunder are you trying to do? Do you mean to say that that skate is too much for you?"

"Too much for us!" said B, "he is a devil; I



"THE IMP" READY FOR THE HUNT.

bought him at A's sale, and I wish I had never seen him."

"The amount of the business is, B," said H, "you have never given the colt a chance. I remember him as a 2-year-old, and he was a grand fellow. You have starved and abused him, and ruined his temper. If properly fed and handled, he will be all right yet; he has breeding, quality and size."

"As you admire him so much," responded B, "you had better buy him. I gave \$25 for him

and you can have him for \$40. He will be four in the spring."

"I'll take him," answered H. "Here is your money."

He paid Mr. B, got a halter on me and started to lead me behind his cutter. Sam said, "I wish you luck; be careful, he kicks, bites and does everything that is mean; in fact, he is a perfect imp."

"Thank you for the warning and the suggestion. I will call him 'The Imp,'" said Mr. H.

I followed without giving trouble, but he had



FIRST LESSON OVER TIMBER.

to go slowly, as I was weak and hungry. On reaching his home in town, Mr. H called his groom, Harry, an Englishman. When he appeared, Mr. H said: "Here, Harry, is a three-year-old that I have bought. Put him in the empty box, give him a drink and a light feed of scalded bran and crushed oats and some hay; feed him lightly for a while, as he is not used to much, and heavy feeding at first might make him sick. I am told that he is vicious, so be careful. He has been abused, and I think he will be all right if kindly treated."

"Do you mean to say that you 'ave bought that thing?" said Harry. "What are you going to do with im? 'Ee is nothink but a pile of bloomin bones."

"I am going to feed and treat him well and make a hunter of him," responded Mr. H. "I will require a good mount to follow the hounds on next fall."

"Follow the 'ounds on 'im!" said Harry. "I tell you 'ee's no good, 'ee can't carry a hempty saddle."

"Never mind, Harry; do as I tell you, and we will see how things will turn out. In the meantime be careful until he gets used to you."

Harry did as directed, and I felt assured that I had got a good home, and made up my mind to act well. The next morning, when Mr. H came to look at me, he discovered that I had vermin, so he had me clipped and applied some peculiar smelling stuff over my body, and this killed them, which was a great relief to me. He also had me docked. Harry put a blanket on me, and Mr. H told him to not show me to anybody until they got some flesh on me, and to turn me out in the back yard every day for exercise. Harry did as directed, and we soon became good friends. One day he said to Mr. H, "I believe you were right about the bloomin Himp, 'ee is beginning to look

## SOMETHING LIKE A 'ORSE.

"Of course I was right," said Mr. H. "He is doing better than I thought. I'll be able to show them all the way next fall. Put the dummy on him for a few hours every day, and as soon as he gets used to the bit and a little restraint, take him out and lunge him regularly."

One day they put a saddle and bridle on, and Mr. H mounted. He weighs 190 lbs. After this he rode me mostly every day, and also taught me to go in harness. He drove a kicking strap on me for a few times, but I did not want to kick. By the time the roads were dry in the spring of my four-year-old form, I was in good flesh and handy in the saddle. I weighed 1,230 pounds, and stood 16 hands. I had regained my normal condition of style, quality, ambition and action. Several wanted to purchase me, but Mr. H said: "He is not for sale. I want him for myself; he is well up to my weight and that kind is hard to get." He commenced to school me over timber, and I performed well from the first. He gradually asked me to go higher, and one day I heard him tell Harry that I was jumping so well he would enter me in some of the classes at the big exhibition to be held in the neighboring city. When the time arrived he put me in a car and sent Harry with me. He came later himself and rode me in the class for heavy-weight green hunter, and the class for performance over hurdles of different heights. I won in each class. Considering himself too heavy to ride me in the class for best leaper, he tried to get a good light-weight rider, but they appeared to be all engaged. Harry was very much excited over it, as he wanted me to win and could not ride himself. Just as the class was called, a young

fellow named Joe came and asked for the mount. "Can you ride?" asked Mr. H.

"Ride, I should say I can. I have never done anything but ride hunters."

"Well, said Mr. H., I wish we had time to see what you can do, but the horses have been called, and I will give you a chance. Remember, he is highly bred, high-lived and rather nervous. No person but myself has ever ridden him; he has any amount of courage; you must not punish him nor worry his mouth, else you will rattle him and spoil everything. Be kind to him, steady him at the jump, give him his head while taking off, and he will do the rest. He seldom makes a mistake and never falls. Allow him to make his own pace. Take your spurs off and mount, and all that you win will be yours."

Joe answered, "I never ride without spurs, but I will not use them."

"You must remove your spurs, else I will not allow you to mount," responded Mr. H.

#### OVER THE HURDLES.

Then he took them off and mounted. There were several horses in the competition, which commenced at 4 ft. 6 in. I was the last called; the others had all taken it at the first trial. Joe rode me at the hurdle, and when I was about to take off he hit my sides with his heels, spoke sharply and pulled heavily on the reins. Not being able to get my head, I blundered and knocked the bar down. When I was taken back for the second trial, Mr. H. said, "Now, do not worry his mouth nor urge him, and give him his head at the take-off as I told you."

"I am not worrying his mouth," answered Joe, "but I must lift him over the jump."

"Is that all you know about riding? You cannot lift him; do as I tell you and allow him to do the lifting."

At the second trial he gave me a better chance and I got over clear. The bar was raised 4 inches each time, and I performed fairly well, notwithstanding the fact that my rider continued to lift me over. Some of the horses dropped out before we reached 6 ft. 2 in., after which the bar was raised 2 inches each time. According to programme, 6 ft. 6 in. was to be the maximum height. When we reached this height, there were but two horses in it besides me. Both took it at the first trial, and then I was called. I was nervous now, as Joe continued to ride me according to his own ideas. He started me and I went a little faster than at the lower jumps. He urged me still faster, and just as I was taking off he lifted me more forcibly than ever and struck me a sharp cut with his whip. Of course I blundered and knocked the bar off. As I was coming back I heard Harry say to Mr. H., "Pull the bloomin' fool off and kick 'im. 'Ee can't ride a hox, let alone a 'orse like The Himp." Mr. H. said to Joe, "Now you must allow the horse to perform in his own way. Just sit there—hand me your whip—do not touch him with your heels nor try to lift him."

He forced Joe to give him the whip, and then I was started again. I think Joe was more excited than I, as he paid no attention to instructions, but pounded me with his heels and lifted me even harder than before. I could not avoid blundering again. I felt very badly, as I was anxious to win for my master, who had so much faith in my ability.

I had one trial more, and when I was ridden back for it Mr. H. did not say a word, but caught Joe and pulled him out of the saddle, and prepared to mount himself. The owner of one of the other horses objected to a change of riders. Mr. H. said, "The conditions do not stipulate who shall ride. You certainly cannot claim that I am asking any advantage, as with this saddle I ride at 205 lbs." The judges decided that there were no objections to the change. Mr. H. said to me, "Now, Imp, keep cool and do your best." I immediately lost my nervousness; he cantered me around a little and then faced me towards the hurdle, allowed me to make my own pace, gave me my head and I cleared the bar without a tip. As three of us were ties, it was decided to go on raising the bar. At 6 ft. 8 in. one was beaten, and the other took it at the third trial. I cleared it nicely at the first. It was then raised to 6 ft. 10 in. My competitor knocked the bar down the first trial, and then I was called and took it clean. He failed at the second and third trial, and I was consequently the winner.

My master again refused several tempting offers for me. He took me home and hunted me regularly as long as the season lasted. He soon discovered that I had speed and staying powers as well as ability to jump both high and broad. He usually held me back and selected a low jump when he could, as I was too young for heavy hunting, and he tried to save me, but he would occasionally give me my head for a brush with other horses, and I always beat them.

During the winter and following summer he rode and drove me, and also allowed his wife to ride me and do some hurdle jumping. I now weighed 1,260 lbs. and retained my quality. He fitted me for the stows and won in the same class as before, and also for performance with me in the saddle. The judge said, "He is really too heavy for a lady, but is only 16 hands, and his quality, manners and performance

outclass the others so much, I have to place him first."

#### AN EXCITING EVENT.

I was hunted the same as the previous fall, and performed better, as I was older and fully matured. Towards the end of the season the City Hunt Club got up an afternoon's racing and asked our club for entries. One event was a five-mile point-to-point steeplechase, open to horses belonging to any recognized hunt club, that had



THE FINISH.

been regularly hunted during the season; owners up, minimum weight 180 lbs. I was fit to race, and Mr. H. entered me, and of course had to ride himself. On account of having to carry 205 lbs. I was supposed to have no chance to win, as the others were all to be ridden at about 180. The day was fine, there were 14 horses in my race. Public opinion was divided between a big chestnut and a rakish-looking big grey for the winner. No one but Harry and Mr. H. condescended to give me a thought. When we arrived at the post I heard several express their opinions as to how we would finish, but my name was not mentioned. Harry was there, not saying a word, but I could see that he was indignant that no person thought well of his favorite.

Some one said, "What does H mean by starting The Imp with so much weight up? He can jump well, but cannot gallop, and will not be at the turning point when some of them are home."

This was too much for Harry, so he turned and said, "You bloomin' fool, there's only one 'orse in the race, and 'ee is The Himp; 'ee'll show them all 'is 'eels on the run 'ome." The flag fell and we started across country. We had to take fences, ditches and a broad water jump. The going was heavy in some places, as we had to take the fields as they came. I was anxious to go to the front, but my rider held me back, saying, "Take it easy, Imp, let the others make the pace. You may require your wind later on; the most of them will come back to us before the journey is over; watch the chestnut and the grey, they may try our metal."

He kept me well back and sat still. Some of the horses blundered and threw their riders at the first jump, others went further. Six only reached the turning point. I was the last to turn; I was running easy and fighting the bit to get to the front, but my rider would not allow

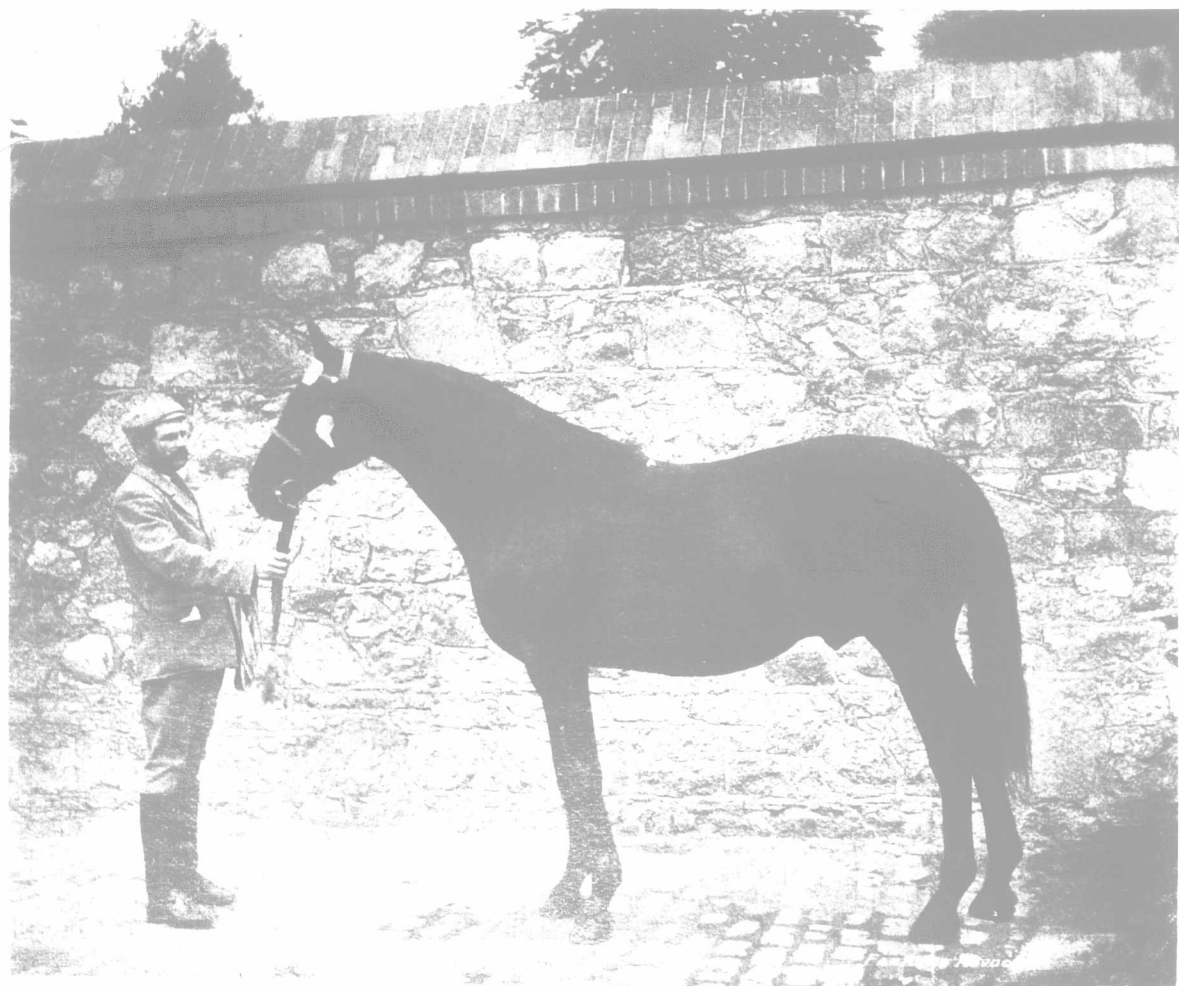
it. One after the other came back, until the chestnut and grey alone were in front of me, and I was still fighting for my head. The others also appeared fresh and strong; they were well ridden and running easy.

When about a mile from the post Mr. H. said, "Now, my boy, we will chase them a bit. Keep your head and we will see what kind of stuff they are made of." He gave me my head, and quickening my pace I reached within a length of the others, who were running as a team. They also quickened and kept their lead. Master said, "They still have something left, do not force too much pace, you are badly handicapped with weight, save yourself for the finish, and it will be a victory worth winning, to beat two such horses." We galloped thus for the next half mile; we still had a fence about 4 ft. 6 in. and the water jump to take and then  $\frac{1}{4}$  mile on the flat to go. We all took the fence in good style; my rider then gave me my head and said, "Now, Imp, get even, and if they do not come to grief at the water, it will be a race home, and may the best horse win; go on boy, but do not jostle them." I came up even, but could not get a lead; we were all tolerably fresh and ran abreast at a terrific pace to the water, which we all cleared safely without slacking speed. My master whispered, as he sat more closely and leaned forward in the saddle: "Imp, my boy, do not fail me now. You have foemen worthy of your steel, but you must win for your own glory and mine; we will show the city folk what a country horse and rider can do; go on, my boy, go on."

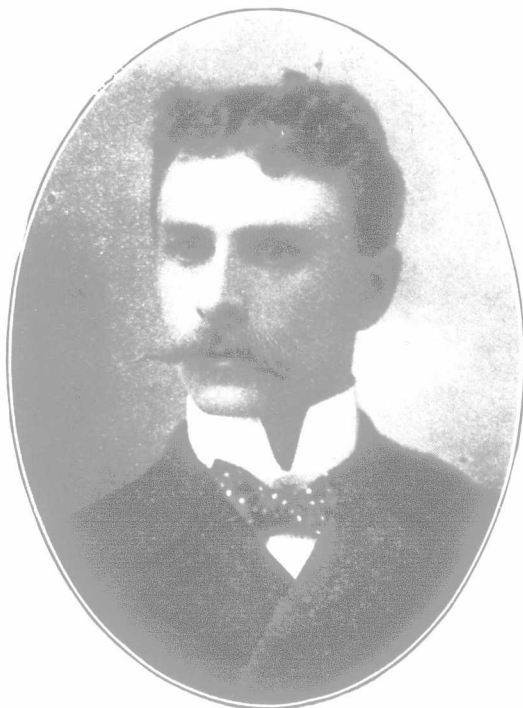
I was as anxious to win as he, so I settled down to my fastest clip, but could not shake them off. The riders of the others were using whip and spur, but mine sat perfectly still, knowing that I would do my best.

The chestnut began to falter, he could not stand the clip; we had him beaten, but the grey stayed on; I could not gain an inch. With heaving flanks and distended nostrils, we each strove for victory, as anxious to win as our riders. When within about 100 yards from home my rider leaned still a little further forward and whispered, "Imp, my boy, Imp, now or never, he must not win." He pricked me slightly with his spurs (the first time he ever did so); I made a supreme effort, sprang forward, and won by a neck!

The crowd had been very quiet, and while the most of those present were anxious for a city horse to win, they appreciated the noble race I had run, and cheered me and my rider right heartily. Harry was delighted. As soon as Mr. H. dismounted, he removed the saddle, threw a blanket on me, threw his arms around my neck and said, "I knew you would win, but you 'ad no bloomin' picnic, 'ad you, Himp?" He took me to a stable and attended to me well. Mr. H. received some fancy offers for me, but I was still "Not for Sale." I was taken home, and I heard Mr. H. tell my mistress one day that he would probably start me in some steeplechases next year if he can secure the services of some good medium-weight rider; that I would have to compete with Thoroughbreds, but he thinks I can win in first-class company, with a good man up, who will ride according to instructions.



The Himp, a dark-colored horse, standing in a stable or paddock. He is a champion steeplechaser and won the first-class class at the Dublin Horse Show, 1902.



CHAS. W. PETERSON.

Deputy Commissioner of Agriculture, Northwest Territories.

**Fifty Years of Fair-going.**

BY J. C. SNEEL.

When in 1852, just fifty years ago last September, a twelve-year-old boy, with my father and other members of the family, I started at three o'clock in the morning, in a lumber wagon, on a thirty-mile drive to the Upper Canada Provincial Fair, held that year in Toronto. I little thought that that was the commencement of a record of attendance of provincial, national and international exhibitions equalled by that of few men living in this country half a century later. It was the first time in my life that I had seen a city, and as Toronto then boasted a population of 32,000, and some buildings of considerable size, it was to me a greater wonder and revelation than was old London when, on a visit to the Royal Show some twenty years later, I spent a few days in the Metropolis of the Empire.

If asked what feature in the city most impressed my youthful mind, on this my first visit to Toronto, to be honest, though I have since discerned that "all is not gold that glitters," I should have to confess that it was the golden lion that then, and for many years after, served as the sign over the door of Robert Walker's store on King street. If asked what in the exhibition made the greatest impression on my mind, I should answer promptly,

**OLD GREY CLYDE.**

the first of his kind brought to Canada, shown by Joe Thompson, of Whitby, then a young man, and who passed away only last month, in his 85th

year, as announced in the "Advocate." As shown in the parade, the groom riding on a Shetland pony, his feet nearly touching the ground, Grey Clyde, followed by 17 young grey stallions, all his sturdy sons, presented a spectacle long to be remembered, and the old horse appeared to me then like a moving mountain. I have probably seen many bigger horses since, but none that seemed to me more than about half as large as he. Another horse that made a lasting impression on my mind by his beauty, style and action, was Yorkshire Lad, an English Coach horse, imported, owned and shown by Thomas Blanshard, then of Malton, who showed him with a skill only equalled by that of our own Tom Graham, of Claremont, in handling a Hackney in the showing in these later days.

The impress of the blood of Yorkshire Lad and Old Clyde was distinctly noticeable in the horse stock of the Toronto district for many years after their demise, and was only excelled by that of that prince of prepotent horses, the old grey Messenger, whose life and influence was well-nigh immortal, of whom it has been said, he embodied all the blood of all the Howards, and was "the noblest Roman of them all." Many of his descendants were on exhibition and at work in the country at that time, models of the carriage class, big enough for any farm work, and of wonderful endurance. I often wonder at, and regret, the existing prejudice against grey horses, for it seems to me, in looking back over my life, that nearly all the best work horses I have known, and those that lived the longest were greys.

The equipment of fairs in those days was not on as grand a scale as now, the fair buildings being of temporary character, built of rough boards and scantling. Stabling for stock was very limited, and was provided, I believe, only



S. J. THOMPSON, P. V. S.

President of the Manitoba Horse Breeders' Association.

considerably older men than the writer. It was here I first made the acquaintance of these substantial men, who for many years were prominent figures in Canadian show-yards, and certainly did more towards the introduction of pure-bred stock into this new country than any other family of its adoption. And the blood breeds on, as the sons of the sires are yet well known throughout two continents as prominent breeders of pure-bred stock in different lines. Uncle Geordie was a unique character, speaking with a broad Scotch accent. Gruff and blunt in his manner betimes, he was yet kind at heart, capable of giving and taking a joke in good part, and always willing to lend a helping hand, if need be; but he planted his feet firmly on the ground, left big broad tracks on the sands of time, and struck hard with his heavy cane at weeds, whether in the form of plants, or dogs, or men. I have a vivid recollection of an exciting incident in which he played a prominent part at a New York State fair some years later, where he and we were showing sheep. A highly-dressed dude, from the city, with silk hat, slender cane and long, flowing beard, pulled a sample of wool from one of Uncle Geordie's sheep, and promptly found the old farmer's fingers vigorously

**TUGGING AT HIS LOVELY WHISKERS**

as a reminder that wool, as well as hair, has its roots in the skin, and that quadrupeds as well as bipeds have feelings. The dandy called a policeman, who, on hearing the exhibitor's explanation, decided that the account was squared, and advised the first offender to move on. It



FARMERS ADVOCATE

**AN OLD ENGLISH COUNTRY HOME.**

for horses, the cattle being mostly tied to trees on the grounds, the fair that year being held in what is now known as Queen's Park, in which the Provincial Parliament buildings and University stand.

**GIANTS IN THOSE DAYS.**

But there were grand men, with liberal views, on the directorate, who laid broad and deep, and with a high purpose, the foundations of the fairs system in Canada. On the board that year were such sterling men as Hon. Adam Ferguson, Hon. David Christie, Col. E. W. Thomson, Sheriff Rutan, and T. C. Street, of St. Catharines, who was president. It may surprise some readers to learn that the prizes offered for stock at that time were much higher in amount than at the most pretentious shows in the Dominion in the present day. Among the prizes then offered were £10 (\$50) for the best stallion and £17 10s. (\$70) for the best bull in different classes. On one day the number of visitors was estimated at nearly 25,000. One exhibit which created a sensation was a 700-pound cheese from Oxford county, the banner county of the Province for dairy products, where, in later days, Mr. Ruddick, now chief of the Dominion Dairy Division, made for the Columbian Exhibition, the 7,000-pound "mite."

It was here I first saw Shorthorn cattle, or Durhams, as they were then called, and in my eyes they appeared proportionate in size to Old Clyde. The principal exhibitors of cattle were Ralph Wade, of Cobourg, father of the present Henry Wade, editor of the Dominion Herdbooks, and the Millers: George, of Markham, or "Uncle Geordie," as he was familiarly called in after years, and his brother William, of Pickering, with his stalwart sons, three of whom yet live, being



SIR WM. MULOCK.

Canadian Postmaster-General.



D. H. ANDREWS.

President of the Western Stock Growers' Association.



THE MIDWAY AT THE HORSE SHOW, 1902, BALLSBRIDGE, DUBLIN, IRELAND.

was, I think, at that same show that Mr. Miller showed his imported bull, Prince of Wales, of which he was so proud, that on being asked the price on him he snapped out, "Six hundred dollars—no an inch less."

It was at the first Toronto Exhibition that I saw the first illustration of the tricks of the show-yard, and that from Uncle Geordie Miller. He was showing Leicester sheep. The first prize for a ram lamb was \$20. An inexperienced farmer had entered a lamb that was better than he knew. Uncle Geordie, seeing that his own would surely be beaten, asked the newcomer the price of his lamb. "Five pounds," was the answer. "I'll take him," said the man of experience, suiting the action to the words, and, handing over the money, he slipped his own entry ticket on the back of his new purchase, secured the first prize, and sold the lamb, five minutes after, for more money than he paid for it. There were not so many rules relating to term of ownership, etc., then as now, but I have lived to learn that, as with acts of parliament, so with fair rules, there are few through which some people cannot, by hook or by crook, drive a coach and four. A Saul among the people around the cattle ring at Toronto exhibitions in these later years, known as

#### "LONG JOHN,"

is the eldest son of the late Geo. Miller, "the Laird of Riggfoot farm," and in facial features resembles his sire, but stands about a head and a half higher, and inherits the milder manner of his mother. He was a lad of about my own age at the fair of fifty-two.

My first experience as an exhibitor at the big shows was at the Provincial at Cobourg in 1855, where my father showed sheep with gratifying success. We went by steamboat from Port Credit. It was at Cobourg I first saw a railway locomotive. It came in by night on the short line from Rice Lake, and with its glaring headlight was even a greater wonder to me than Old Clyde. It was here I first saw Jotswold sheep shown, and fell in love with their stylish appearance and flowing forelocks. They were imported and shown by the late Mr. Stone, of Guelph, that year, but the Millers had brought out a few the year before, and my father paid them \$210 for a pair. The year previous, he paid Jimmy Dickson, of Clarke, the same price for an imported Leicester ram, which lived only six weeks after being placed in the flock, but left over one hundred lambs of such superior excellence that he was considered a good bargain. These would be considered good prices for sheep even in these advanced and prosperous times.

Pages might readily be filled with a recital of reminiscences of the experience of one who, for fifty years, as visitor, exhibitor, judge, director, and journalist, has followed the leading fairs of two continents, but the limits of space demand brevity for the balance of this brochure, hence only cursory mention must be made of a few of the many interesting men and incidents met with at the annual fair gatherings during this long term.

Prominent among the men must be mentioned another Miller or two, for John, the son of William, and now in his 87th year, known as the

sage of "Thistle Ha," the oldest living importer and exhibitor in Canada, was in those days always the life of the company he was in, cracking jokes by the bushel with a Scotch "burr." His brothers, Robert, of sober mien, now of Pickering, and "Atha Will," the brightest of the bunch, now of Storm Lake, Iowa, the light of whose eyes has failed, but who yet has the vision of prophecy and an itch for scribbling, but has to be content with dictation—these also turned up at the "Provincial" with about the regularity of the season.

Simon Beattie, an importation of 1855, put in his first appearance at Canadian shows at Cobourg in that year, in charge of Geo. Miller's Shorthorns, a ruddy-faced young man with a cheerful smile and a broad Scotch accent. I well remember his jubilation over the success of his charges in winning the best prizes, and hearing him declare as he swung the red ribbons over his head, "I wouldna' carry a second or a third in my pouch." Like Jacob of old, Simon, after several years' service, became son-in-law to his employer, and afterwards confidential manager and conductor of show herds for

#### THAT PRINCE OF STOCKMEN,

Matthew H. Cochrane, of Hillhurst, Quebec, now Senator Cochrane, who, in the seventies, bought and sold individual Shorthorns for prices running into twice ten thousand dollars, imported them by the ship load and exported a consignment of 32 head in 1877, which sold for fabulous prices at Windermere, in the home country of the breed, realizing for two of the females \$44,000. In his show herds will be remembered such phenomenal animals as Baron Booth of Lancaster, Rosedale and Queen of Diamonds, stars of the greatest magnitude and models of their kind. In 1871, at the Royal Show at Wolverhampton, I met Mr. Cochrane, Simon Beattie, and that other star stockman, the ever-versatile Richard Gibson, who still shines as a winner in sheep sections at international shows. On that occasion Richard and I each bought a bull from that past-master in the fitting of show stock, Joe Culshaw, manager for Col. Towneley. These bulls were Baron Hubback 2nd and British Baron. The former, secured by Richard for Col. King, of Minneapolis, was first-prize yearling, and Mr. Cochrane got Cherub, from Lord Sudely's herd, the second winner in the same section, the best of the three by odds, sold afterwards by Ed. Hies, of Illinois, for \$6,000. Culshaw, of whom an English rhymster once wrote, "He whom the gods call Culshaw, and men on earth call Joe," still lives, though close to the mark of four score and ten, if he has not crossed it.

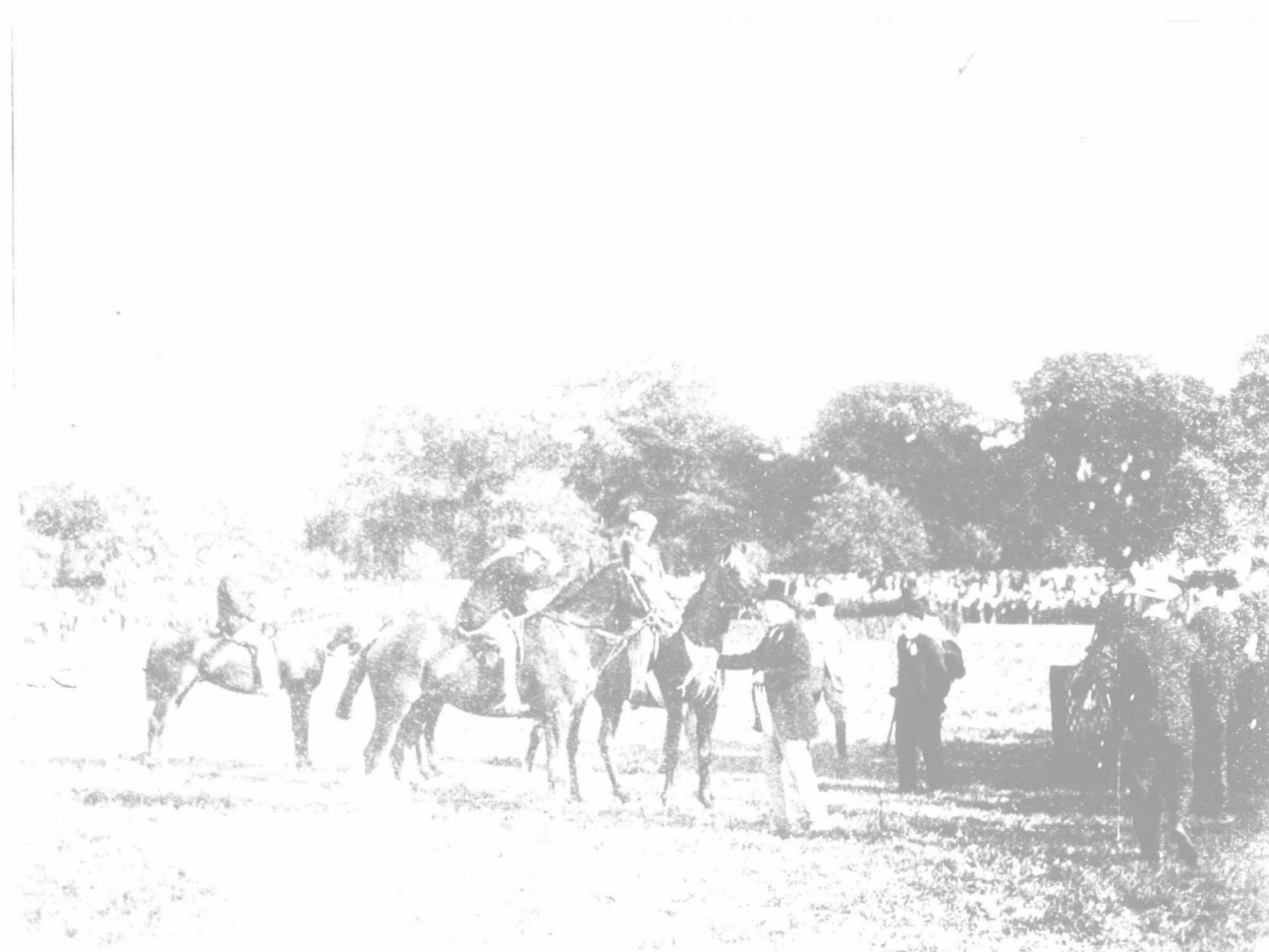
Mention of Gibson recalls the record cattle sale of all the centuries, the Duchesses at New York Mills, in 1873, where I saw and heard him, without a tremor, bid, on the order of an English breeder, \$26,000 for a six-months calf, but another \$1,000 took her to Kentucky. That was

#### THE CRAZIEST CROWD

I ever saw, outside of an asylum for lunatics. Inside of four hours, with \$10,000 as the first bid for the first animal offered, 109 head were knocked off for an average of \$3,504, one cow selling



IN FLM PARK, WINNIPEG.  
A fallen elm over the bicycle path.



AWARDING THE RIBBONS AT THE DUBLIN HORSE SHOW.



**DR. WM. SAUNDERS.**  
Director Canadian Experimental Farms.

for \$40,600, another for \$30,600, five for \$25,000 and upwards, six others at figures ranging from \$10,000 to \$21,000, and fourteen for an average of \$18,742. Little marvel that when the orgie was over, the men who figured in it seemed dazed and wondering whether it was a reality or a wild dream they had passed through. When the accounts came to be settled the buyers doubtless realized that it was only too real, and there that day more than one man sealed his financial fate.

In 1860, at the Provincial Exhibition at Hamilton, I had my first look into the face of the then Prince of Wales, our present King Edward, then a handsome but slightly-built young man, who reviewed the prize animals, part of which were in my charge. On the occasion of that visit to Canada, His Royal Highness donated £200 to the Ontario Agriculture and Arts Association, the interest of which was annually offered, as a special prize, for some class of pure-bred stock, and known as the Prince of Wales prize, which it was my good fortune to win four times in the following years.

It was along in the sixties I first met John Dryden, the present Minister of Agriculture for Ontario, then among the younger stockmen and showmen with whom it was my privilege to become so intimately acquainted that we were familiarly known to each other by our boy names, which even yet we find ourselves unconsciously using when we meet. Both followed the leading fairs pretty closely during the intervening years, having met at different times at such widely distant shows as those at Chicago, St. Louis, and at the Royal of England at Windsor. Seldom, if ever, had a man a better training for the headship of so important a department of government, he having run the gamut of practical agriculture and stock breeding, and knowing the needs of the farmers from a fellow feeling. Prominent among the monuments to his judgment and skill, stands the influence on the cattle of this country of Barnpton Hero, a bull he bred, whose prepotency in the production of prizewinners has been equalled by no other in the annals of the breed on this side of the sea.

It was in the fall of 1866, at the Kentucky State fair at Lexington, just after the close of the Civil War, that I first met that

**BIG-HEARTED BRITISHER.**

John Hope, then in charge of the Shorthorn herd of Geo. M. Bedford, where I first formed the acquaintance of those stalwart stockmen, Wm. Warfield, A. J. Alexander (of Woodburn), Abram Renick, Ben Vanmeter, the Bedford brothers, and Jerry Duncan. Hope was, I think, the best all-round judge of stock, from a hog to a horse. I ever knew, and few, if any, could eclipse him as a feeder and fitter and showman. He was a prominent figure in American showyards in following years, where, as manager of the Bow Park herd, he carried the Shorthorn flag to victory in many a well-fought field in Canada and the States with that matchless show herd in which 4th Duke of Clarence, Lady Isabel and Havering Nonpareil were included, marvellous productions of the art of breeding and feeding.

Along in the seventies, it was my privilege to meet at State fairs, and at the St. Louis Exhibition, those noted worthies in Shorthorn show circles, Macmillan, of Ohio; Pickersell, Spears and General Meredith and son, of Indiana; Kissinger, of Missouri, and their skillful Canadian herdsmen, Lyall, Grant, the Storeys, and Wheeler, who made magnificent displays of finely-fitted herds.

The record would be sadly incomplete did we fail to pay a tribute to the memory of that kindly gentleman, Fredrick William Stone, of Guelph, who for many years figured prominently as an

enterprising importer and exhibitor on a large scale at Provincial exhibitions, and to his faithful foremen, Jos. Kirby and Henry Arkell, who each, with admirable skill and patience, handled from four to six carloads of show stock, of as many different breeds. It was in those years that the prize lists in several principal classes were largely made up of the names of Miller, Stone, and Snell.

A quaint character, a capital feeder and fitter, and a cunning exhibitor of Leicester sheep at the fairs in those early years, was Christopher Walker, from near London. "Christopher Columbus," as we sometimes called him, but more commonly "Kit Walker," was a tall, gaunt, patriarchal figure, a born shepherd, with a British bend in his conformation, a fine Cumberland accent, and some cute sayings. His finest and fattest exhibits, according to his version, got nothing to eat but what they picked up, but he made it interesting for all-comers in the show-ring, frequently stealing a march on his shrewdest competitors, and always landing a fair share of the prizes.

**THE BERKSHIRE BOOM.**

At the St. Louis fair in 1875, I first met Nicholas Hawkins Gentry, of Sedalia, Missouri, one of nature's noblemen, big-hearted, generous, transparent, a gentleman "to the manor born." The Berkshire boom was on just then, and a month later Nick, as his friends familiarly call him, came to Canada and paid me (the record price for swine at that date) \$700 in gold for the imported boar, Lord Liverpool, and \$900 for two sows, or \$1,600 for the trio. I often wonder now how I ever had the "gall" to ask such prices, but the buyer declares it was one of the best bargains he ever made, as it placed him at the head of the procession in America, and gave



**A CANADIAN "GIANT."**  
From photo in Stanley Park, Vancouver.

him such an advertisement that he had no difficulty in selling weanling pigs at \$50 to \$100 each, the first litters of the sows practically paying for them. It has been published as a fact that so precious were piglings in those days that in hot summer days Gentry kept his negro servants fanning them as they lay under the trees on his lawn.



**W. R. STEWART.**  
President Territorial Horse Breeders' Association.

**IN THE BLAZE OF ROYALTY.**

Perhaps the proudest period in my fair-going experience was that during the Dominion Exhibition at Ottawa, in 1879, when, in the Senate chamber in the Canadian Parliament buildings, it was my good fortune to receive from the hand of Her Royal Highness the Princess Louise, two gold, six silver and three bronze medals, including one offered by the Governor-General, the Marquis of Lorne, to the exhibitor securing the largest number of first prizes in the live-stock classes. It was a trying ordeal for a stockman, to walk the length of that stately chamber, before a vast cheering assemblage of the elite of the city, and to face royalty for the first time. I carried my hat in my hand when called, but finding my share of the medals too many for one hand, I was about to clap the hat under my left arm and present both hands, when, fortunately, a voice from the gallery shouted, "Hold your hat," a suggestion which greatly relieved the embarrassment of the situation, though it was followed by a storm of applause, during which I had the extreme pleasure of receiving the congratulations of the Princess on my success, accompanied by a sweet smile. The approach to the throne was scarcely more trying than the retiring act, for we had been informed by connoisseurs in court etiquette, that it was bad form, if not, indeed, an unpardonable offence, to turn one's back on royalty, and the thought of backing out a distance of sixty feet or so, with a soft hat in one's two hands, with no free arms to balance one's self, was truly appalling to one who had had no opportunity for rehearsals in the practice of the goose step, for a hitch of a heel in the carpet might easily have brought about a disaster that would have beclouded the glory of the occasion forever. Among those who received medals on that occasion was Joe Thompson, the veteran horseman, who appeared in his everyday jacket of "hodden-grey," and faced the music with a smile, taking no chances, however, on the return trip from the backing



**"CURIOSITY."**



RIVER PIPESTONE, ELM VALLEY.

process, but wheeling right-about face, he followed his nose as he had done safely for sixty years. At the close of the performance, we were informed by one of the civil service, that one man only had retired properly, and that was Sheriff Powell, who won a medal for a carriage team, and who backed out bowing the entire length of the chamber.

While writing of royalty, I am reminded that it was in 1889 that, as an ex-president of the Ontario Agriculture and Arts Association, I attended the semi-centennial exhibition of the Royal Agricultural Society of England, held in Windsor Park, opposite the grand avenue of stately elms running out from Windsor Castle. Her Majesty Queen Victoria, of blessed memory, had accepted the presidency of the society for that year. Here I had the pleasure of seeing the Prince of Wales again, then a broad-shouldered, heavy-bearded but handsome man, in company with his beautiful wife, the Princess Alexandra, and their three grown-up daughters, walking among the prize cattle in the show-ring, the well-preserved mother looking nearly as young as the daughters. By courtesy of the officers of the show, from a front seat on the grand stand, it was my joyful privilege to look into the kindly face, beaming with smiles, of

**THE GOOD QUEEN.**

as, in her carriage, drawn by the six cream-colored horses, she, with other members of the Royal family, passed by, heralded by a splendid retinue of attendants on horseback and on foot. That was a show to be remembered, as apart from the unusual display of royalty, it was the greatest exhibition of select high-class live stock in the history of the Royal Society. Here I saw the Queen's bull, New Year's Gift, done out of the championship by the worst piece of judging I ever witnessed.

My story grows apace alarmingly, and I must hasten to a close, but cannot forbear to mention my humble part in that memorable exposition, the Columbian, at Chicago in 1893, where, as one of the three judges who were entrusted with the awarding of the grand sweepstake prizes for beef breeds of cattle, I had my way and will in the placing of the splendid prize of \$1,000 for the best herd of one bull and four females of any

beef breed, and also of the \$600 prize for the best herd under two years, which latter came to Canada, for the herd of the Russells, of Richmond Hill. As an illustration of the uncertainty of the outcome in show-yard competitions, and the difference in opinion of judges, it may be of interest to relate that we gave the grand prize of \$1,000 to the Shorthorn herd which, by another set of judges, had been placed third in their own class. I have never had a shadow of a doubt that the last rating was right, and it has been well supported by show-ring records since that day. Since that time it has been my privilege to officiate as judge at the principal fairs in every Province of the Dominion, except that of Prince Edward Island, and also at that greatest of live-stock shows, in the estimation of its promoters, the International at Chicago.

It is recorded with feelings of gratitude for good health and good fortune, rather than with



SOURIS RIVER, AT SOURIS.

important shows attended, and of many splendid men met, who are, perhaps, equally worthy of remembrance with those named, most of whom have joined the great majority on the other side of the river. I have also omitted mention of two very important expositions which I attended as a visitor, namely, the American Centennial at Philadelphia, in 1876, and the Pan-American at Buffalo, in 1901, the latter, in the design of its buildings and their illumination, the most beautiful of all, its splendor suggestive in some measure of the ideal holy city of our visions, the New Jerusalem.

**Couldn't Breathe.**

Pat had come over to America with the expectation of finding money lying around loose, only waiting for some one to pick it up. Of course, this was long ago. Pat had soon become disillusioned and was always glad to get hold of odds jobs which would net him a little something to help him to keep body and soul together.

Finally, becoming tired of the struggle, he decided to end it all, and was very industriously tying a rope around his waist when his landlord happened in on him. After watching him curiously for a few minutes, he asked:

"What's up, Pat? What are you trying to do?"

"Trying to choke myself, of course," was Pat's answer.

"Choke yourself? You can't do it that way. You'll have to put the rope around your neck."

"Sure, I tried that, but I couldn't breathe."

**Red Ears.**

"Sary Ann," sighed the Higgins boy in tremulous tones, "if I git a red ear at the huskin' bee to-night I'm a-goin' to do somethin'."

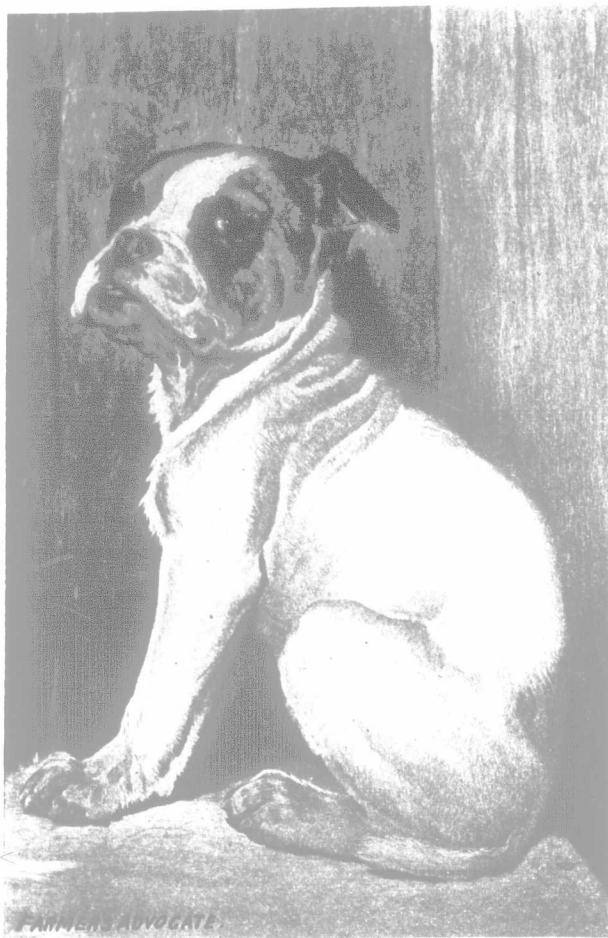
"Are ye?" asks Sary Ann.

"I be."

"What are ye a-goin' to do?"

"If I git a red ear I'm a-goin' to take a kiss f'm you."

"If you take a kiss f'm me," asserts Sary Ann, giving her head a saucy toss, "you kin be sure that you'll git two red ears right away."—Judge.

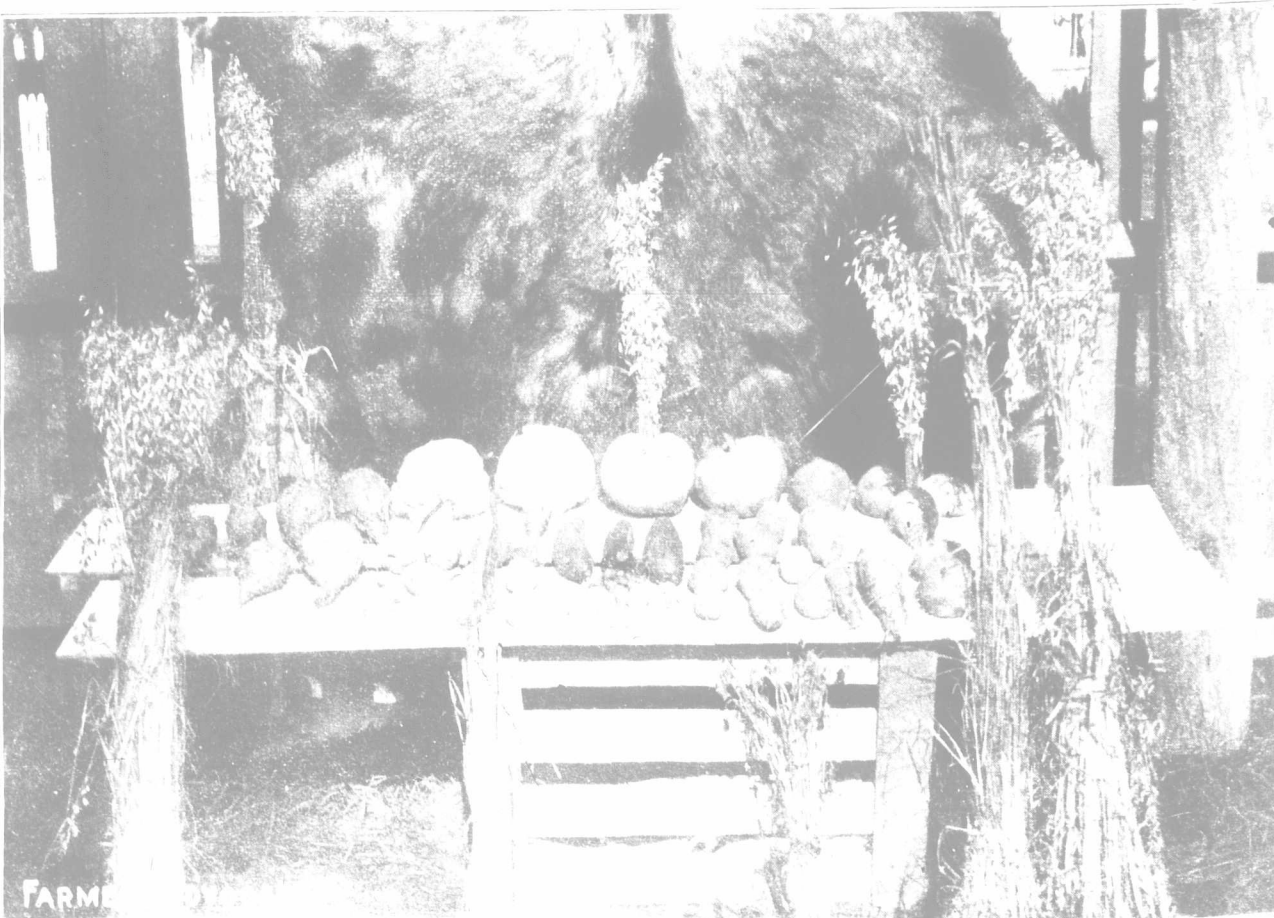


"WHAT WE HAVE WE HOLD."

any claim to personal merit, that from 1855 (with the exception of 1856), I was privileged to attend, without a break, every Ontario Provincial Exhibition held, up to the time of their discontinuance in 1889, and every Toronto Industrial Exhibition since its inception in 1879, making a record of 46 successive years of attendance at the principal Canadian fairs. In this review, for brevity's sake, I have omitted mention of many



PIPE OF PEACE AN EDMONTON CHIEF



WOLVES, BEARS AND FURS FROM THE YUKON



FRANK M. ARMINGTON, ARTIST, WINNIPEG.

**Mr. Frank M. Armington.**

Frank M. Armington, a thorough Canadian, was born in Fordwich, Huron County, Ontario, but the greater part of his life was spent in Toronto. From a child, Mr. Armington showed his love for things that were beautiful, and this talent was encouraged by his parents. In 1892 he became the pupil of Mr. J. W. L. Forster, and studied under his tuition for over seven years. In the summer of 1899, Mr. Armington went to Paris and studied in L'Academie Julien, under the tuition of the now late Benjamin Constant, and also under Jean Paul Laurens, in the same school. In the fall of 1900, on account of illness, the artist was obliged to return home, and, having a desire to see the Western part of Canada, has made his home in Winnipeg, where he opened his studio in April last. Although a portrait painter, Mr. Armington is an enthusiastic student of nature, and in his studio are to be found several pictures depicting Canadian life, one of which we reproduce, "The Mischiefs," three newsboys getting gum from a slot machine. The mischievousness of the boys, especially of street gamins, calls for the attention of the policeman standing at the corner of the lane, who suspects trouble.

**The Outlook for the Cattle Feeder of the Future, and His Problems.**

[By W. J. Kennedy, Vice-Director of Iowa Experiment Station, and Professor of Animal Husbandry, Iowa Agricultural College.]

The cattle feeding business has undergone many changes during the past two decades. These have been in a large measure due to the marked advance in the value of agricultural lands, thus keener competition among the producers, to the marked improvement in our various breeds of cattle from an early-maturity standpoint, and to a very decided change in the demands of the consumer.

With low-priced farm lands and cheap corn, the production of beef was a very different problem to what it is at the present day, when farms are changing hands at from seventy-five to one hundred and twenty-five dollars per acre, and corn selling around fifty cents per bushel. Such is the present condition of affairs in the central west. The question quite naturally arises, can the farmer make the production of beef a paying business under such conditions? This is the one and most important problem which most farmers are trying to solve at the present day. Where old-time methods are strictly adhered to, the margin is generally on the wrong side, but where business principles and modern methods are applied, we find men in all sections of this great country making the beef-growing and feeding business a decided success.

These men have made a careful study of the business. They know too well that the large, overgrown steer, weighing in the neighborhood of a ton or over at the age of four or five years, is no longer a profitable animal on any farm. He is no longer wanted by the consumer, thus he is a thing of the past. The time is fast approaching when such an animal will be considered a curiosity. But why should this be true? Does not the large steer weigh more, thus bring more dollars than the smaller animal? To a certain

extent the above is true, but pound for pound he will not bring as high a price on any of our leading stock markets as will the "handy weight" steer which weighs from 1,200 to 1,500 pounds. This is due to the fact that the smaller steer is the more profitable animal to the butcher, whose customers purchase their meat in small quantities, thus the smaller animal outs up with less waste. From the producer's standpoint, the "handy weight" steer is by all odds the most profitable animal to rear. Where good sires of any one of our leading beef breeds are used, the producer experiences no difficulty in finishing a bunch of steers weighing from 1,300 to 1,500 pounds at from twenty-four to thirty months of age. The earlier he can market them at the above weight, the more profit he will realize. He has learned the all-important lesson that the successful farmer of the present day is not the man who "fattens cattle," but the man who "grows beef." When corn could be purchased at from 15 to 20 cents per bushel, a man could "fatten cattle" and make money. With the present high prices of feed stuffs, the most money and the surest money is made by "growing beef."

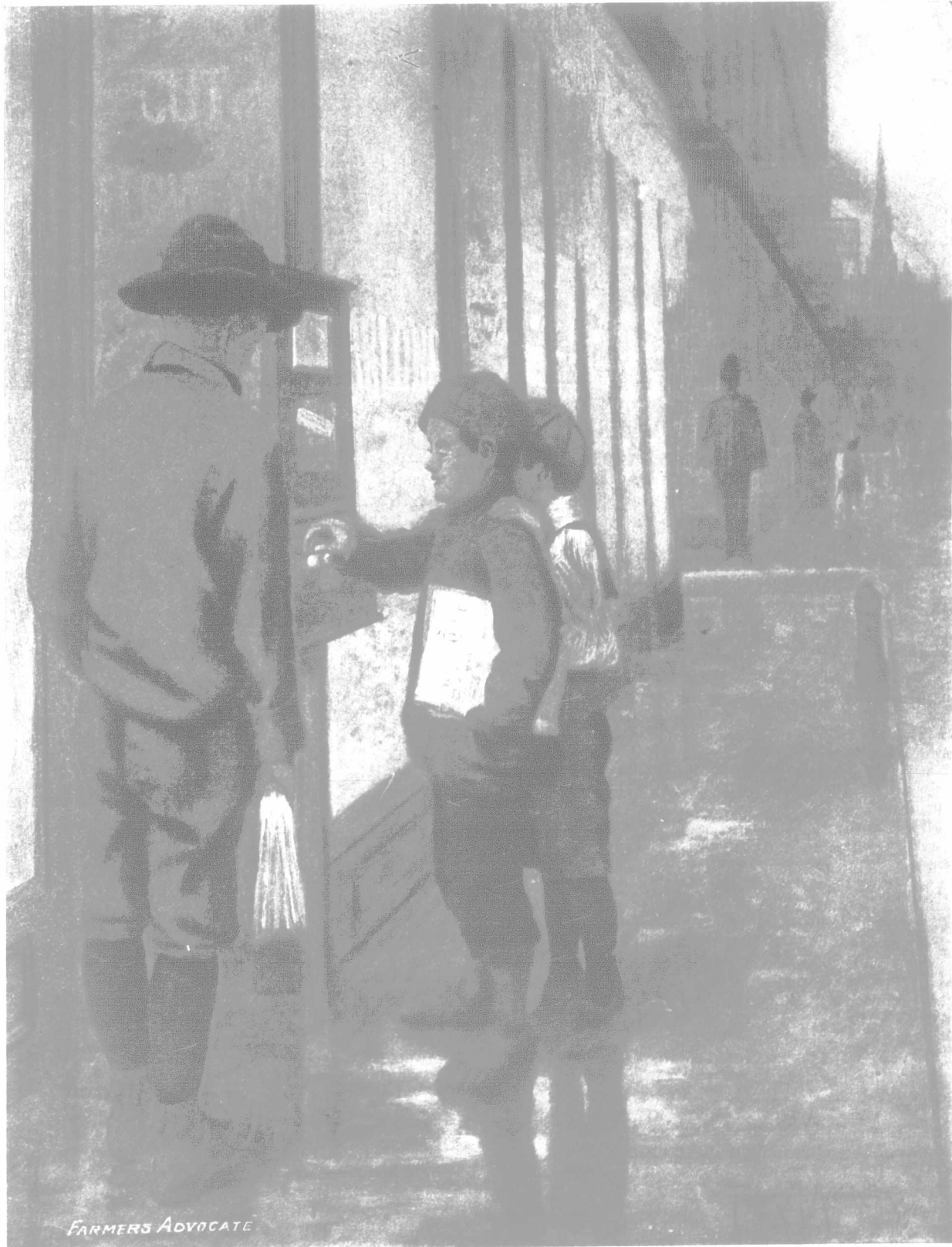
The motto of the man who makes a business of growing beef is "the greatest weight at the earliest possible age." In other words, he feeds his calves and never ceases to feed them until ready for the butcher. Right here is where most men on high-priced land fail. They forget that it costs twice as much to make a pound of gain during the second twelve months as it does the first twelve months, and three times as much during the third twelve months as it does during the first twelve months. They seem to think that if the young animal weighs about as much in the spring of the year as it did the previous fall, they have done real well, notwithstanding the fact that the animal consumed valuable feed during the six months in question. That old saying, "Never let a calf lose its milk flesh," cannot be adhered to too closely. It will be of more

importance to the feeder of the future than at the present time.

The production of "baby beef" is one of the coming things. This is especially true for the man in the East, as he is not so favorably located as the man in the Central West, who can, for a time at least, get feeding cattle from the range country. The Ontario feeder must, of necessity, raise his own stock. Thus the production of "baby beef" looks to the writer, who has had a fair opportunity of studying conditions on both sides of the line, as being the most profitable line of beef production open to the Ontario farmer. Generally speaking, the farms are small, thus a limited amount of pasture. Where "baby beef" is produced, the animals are ready for the market at from ten to sixteen months of age, thus allowing the farmer to keep a much larger herd of cows than where he markets his steers at from two-and-a-half to three years of age.

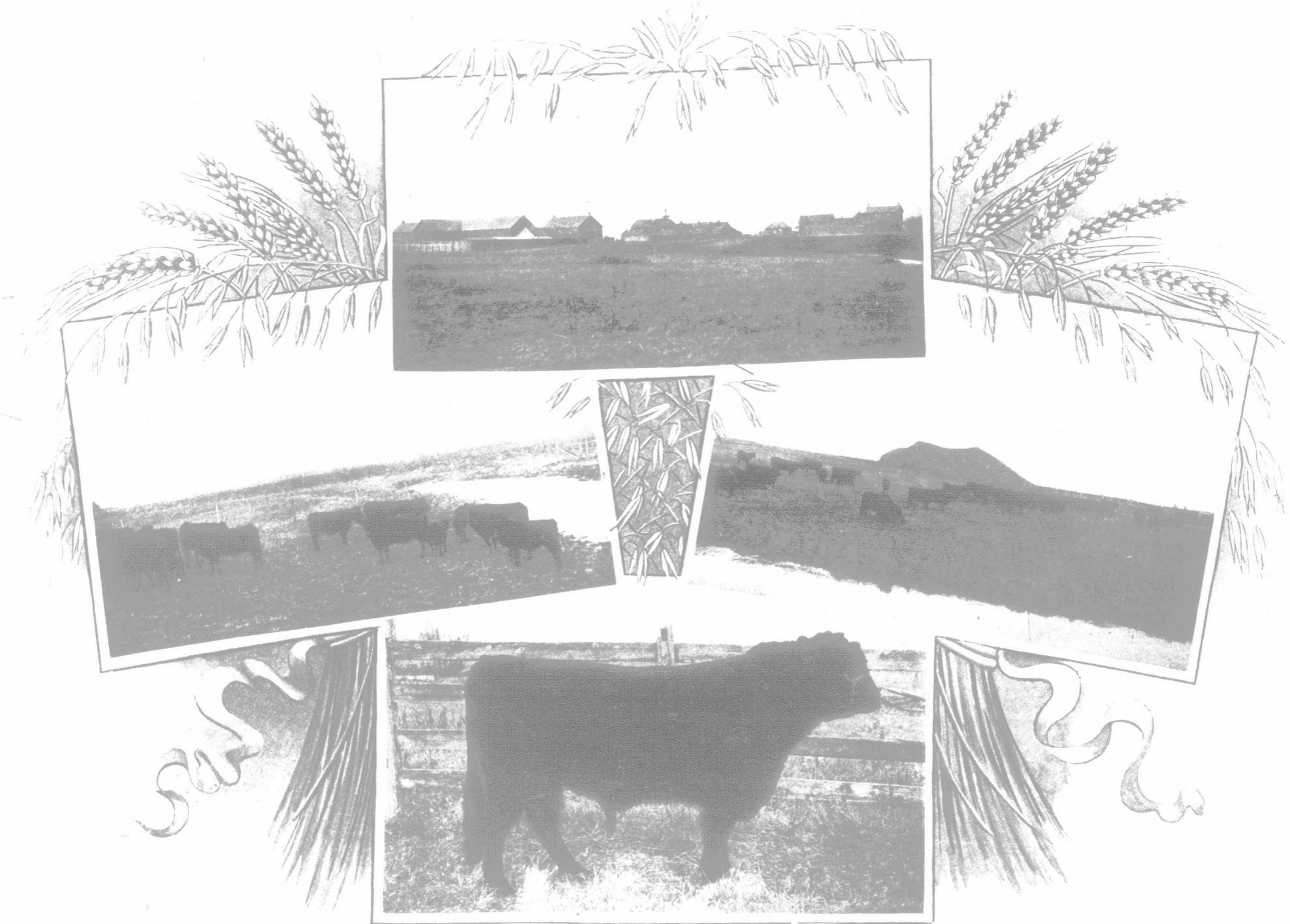
In the production of "baby beef" the farmer will need to change his former methods of feeding. Where steers two or three years old are being fed, the main object is to produce fat, thus feed of a carbonaceous or heat-producing nature, such as corn and barley, will give good results. In the case of younger animals, they must be fed a ration which will cause them to grow and fatten at the same time. In other words, they require a ration rich in protein, such as oats, peas, bran, oil meal, cottonseed meal, gluten meal, gluten feed, etc.

For roughage, such feeds as clover hay and oat hay will give excellent results. The Canadian farmer who grows either roots or silage will have an excellent feed to produce rapid growth in the young animal. The Ontario, Quebec or Maritime farmer has a decided advantage over the average American farmer for producing "baby beef," in that as a general rule he has much better farm buildings, thus warmer quarters for his stock during the winter months. On account of this fact, it would be advisable for him to have



FARMERS ADVOCATE

From a picture by Frank M. Armington. "THE MISCHIEFS."



HOPE FARM AND ITS GALLOWAYS, ST. JEAN, MAN. PROPERTY OF MR. WM. MARTIN.

the calves dropped in the fall of the year, thus ready for market by a year from the following spring. By following this method he could keep a much larger herd on a small farm, due to the fact that he would just have to pasture the animals during one summer.

In the production of "baby beef" the farmer should use nothing but first-class beef sires, noted especially for their easy-fattening and early-maturing qualities.

**Hope Farm Galloways.**

In this age of our Provincial history, when wheat is by nine-tenths of our population crowned king, it is a real satisfaction to find one of the largest wheat-growers of the Province not only a keen advocate of mixed farming, but putting into practice his belief. Wm. Martin, the proprietor of Hope Farm, being a prominent member of the Northern Elevator Co., with a personal experience in the grain trade of this country extending over 20 years, with a spur track and a grain elevator as part of the farm equipment, should be in a most favorable position to profit by growing wheat. Furthermore, "Hope Farm" comprises 2,000 acres of deep, rich black soil, naturally well drained, and as good wheat land as there is in Manitoba, with a complete equipment and a capable farm manager, Mr. T. M. Campbell, in charge, and yet with all these advantages for profitable wheat growing—and it is a profitable feature—it is found that seeding down to grass and maintaining a herd of purchased cattle pays, and pays well. But then the proprietor would modestly say, "These cattle are Galloways."

The whole 2,000 acres has been brought under cultivation, with the exception of 40 acres. The wheat area this year was not so large as in 1901, there being but 500 acres in wheat. Harvesting began on the 18th of August; threshing now-stood followed as soon as the grain was ready, and from the thresher it was shipped and sold with the least possible delay. The first wheat was being carted into town at one of the Winnipeg markets, the best of it was those of best quality, and it was 1901 to be sold at 120 in the market, and 120 of which was a good average for the year 1901 in the summer.

followed this past year. The plan aimed at in fallowing is one deep plowing, at least six inches, immediately after seeding, followed at frequent intervals throughout the season by surface cultivation; but as this plan cannot always be carried through, a second plowing toward the end of the season is necessary, in which case disk plows, three disks with four horses, are used, plowing shallow, and following the plows with the soil packer. The soil packer is also used on all spring plowing, and is considered a most useful implement.

There are several five or six acre tree plantations located on odd-shaped corners formed by a coulee which runs through the center of the farm. These plantations will in time add greatly to the picturesqueness of the farm, and will, as the years go by, enhance the beauty of the prairie landscape.

The farmsteadings, as will be seen by the accompanying illustration, comprise a comfortable farmhouse, manager's cottage and boarding-house, and the stock buildings, implement sheds, etc. The horse barn is 40x63, with 20-foot posts, 2x6 studding being used throughout; there is accommodation for 31 horses, and three box-stalls. The floor throughout is cement. The main cattle barn is 110x30, with an L 30x30, with good lofts over all for the storage of feed. At one end is an isolated stable for use as hospital if needed, the balance of the barn is arranged for loose feeding, and will, in all, accommodate 85 or 100 head. It is all floored in cement. In connection with the stable is a commodious yard enclosed by an 8-foot close-board fence, and in the yard are large racks for feeding roughage. In addition to these buildings are sheep sheds for 500 head, a shed 60x30, with an L 30x30, and with outside yards close fenced. Water is supplied to the stock and to the feed rooms from two wells, gasoline engines of 1½-horse power doing the pumping. Sheep are not kept on the farm, but the above number are put in to the sheds during winter to utilize the extra hay, chaff and screenings from the elevator.

The pride of the farm is, however, its magnificent herd of Galloways, the "Hope Farm" Galloways now being generally recognized as composing one of the largest and most select herds on the continent. At the present time the herd consists of 120 head, of which 60 are breeding females. In the foundation stock of this herd, the blood of the best families of the breed is richly intermingled. The Black Beauty, Hannah and Stanley families contributed much of their best in the make-up of this select herd, and having that topped with such sires as Black Crusader (1454), The Cob of Tarbreoch 5727, Canadian Bardner 1807, McCheyne 10276, Waterloo (7558), MacKenzie of Lochinkit (7383), Randolph 2nd of Thorburn (7887), and others, places this herd



PROF. W. J. KENNEDY,  
Lower Agricultural College.

The first year of the study of the Galloway breed in this country was in 1892, when a few head of the breed were imported from Scotland. The first year of the study of the Galloway breed in this country was in 1892, when a few head of the breed were imported from Scotland. The first year of the study of the Galloway breed in this country was in 1892, when a few head of the breed were imported from Scotland.





A BATES HEAD.



A BOOTH HEAD.  
"Knight of the Shire."



A CRUICKSHANK HEAD.  
"Marquis of Zenda."

high in the estimation of all true breeders, and especially Galloway men. This year Mr. Martin imported 11 females and two bulls, selected from the herd of Messrs. Biggar & Sons, Dalbeattie, Scotland. One of the females was the notable prizewinning cow, Baroness 2nd of Tarbreoch, winner of first at the Highland Society's show at Inverness, 1901. She possesses abundance of scale, is very desirable in type, with true feminine character and full of quality, sired by the famous breeding bull, Camp Follower (5042). Many of the others are related to this grand sire. The two bulls brought over in this last importation are Grand Scot (7492), a thick, low-set three-year-old, and Eustace (7696), a two-year-old, blocky, short-legged fellow, with good breed character. Mr. Martin lately sold a calf, McDougald of Hope, for \$500. This calf was sired by McDougald 4th (6841), and out of Maggie of Kilquhanity (16295).

The present stock bulls were Winnipeg winners this year, Randolph 2nd ranking first in two-year-old ring, while MacKenzie of Lochinkit came second in aged section, beaten only by that famous champion show bull, Druid of Castlemilk, champion of Scotland in 1899, and of the Chicago International in 1901, and sold at auction shortly after for \$1,200.

A great many of the Winnipeg prizes this year were justly awarded to this worthy herd.

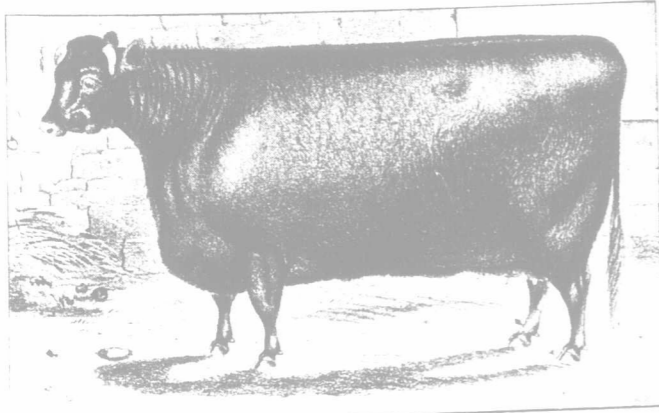
At the Chicago International this year, this notable herd won several prizes, including both second and third in the two-year-old bull class.

**Some Notable Shorthorns I have Known.**

BY RICHARD GIBSON.

In complying with your request to write on the above subject, I can't pass over one or two whose names at the present day are "unwept, unhonored and unsung," but to me they are as enduring as the breed they helped to mold and fix the type. Their blood courses through the veins (speaking allegorically) of many an auction belle, whose mummies were, perhaps, cropping heather in Scotland, gorse in England, or helping Paddy to raise the rint in Ould Ireland.

The first I remember that made a decided impression was the white bull, Earl of Dublin, a Princess, bred by Mr. Stephenson in 1848, and bought by Sir J. H. Crure (my father's landlord) at Sir Chas. Knightley's sale. He made a great reputation as a sire, and to him my first impressions of what a Shorthorn should be are due. In 1858, at the Chester Royal, I got another revelation. Fifth Duke of Oxford, a Bates bull, bred by Lord Ducie, and purchased by Lord Feversham, when six months old, for \$1,500, won first prize. To my young ideas he was a Behemoth, heavy-fleshed, immense in his bulk and his stride, and with the Bates accomplishment of knowing his worth, he verily attracted attention. The first-prize cow was Booth's Nectarine Blossom, and first yearling, Queen of the Isles—names that for years were muttered in their dreams by young Yorkshire dalesmen. I cannot dwell upon these, except in memory, but before leaving England I must not forget a seance held at Warlaby just before the Leicester Royal. Commander-in-Chief was the hero; he was large, and carried an immense carcass of flesh evenly laid on; still there



QUEEN OF ATHELSTANE.

was something lacking, the head too steerish, too placid to call forth the admiration evoked by 5th Duke of Oxford; still, one's ideas had had time to develop, and Commander, in my more youthful eyes, might have usurped Oxford's place. Of Lady Fragrant, another at that redoubtable rehearsal, I can only say she was not only the best cow it has been my privilege to see, but best I ever expect to see; about the only one in which there was not some particular point one would wish improved. I hear a whisper, "A Booth head." Yes, a refined Booth's head. Not, perhaps, a head with features so clearly cut as a Duchess 77, but as a Booth cow it was perfection of that type. As soon expect a Cleopatra's face on a Raphael Madonna as a Booth cow with Duchess head. It was the custom at Warlaby to hold a private rehearsal previous to the Royal shows, and at this one, in addition to those named,



MR. RICHARD GIBSON.

Ladies Grateful, Gratitude, Gaiety, etc. Amongst the guests were W. Wetherell, W. Torr, Jacob Wilson, J. Booth, J. Outhwaite, J. Thornton, etc. It almost seems cruel to awaken the memory of that happy occasion only to leave it.

But to Canada. One of the cows never to be forgotten was Queen of Athelstane, and I yet fail to recall one more captivating at any of our shows. Not large, but of nearly perfect symmetry, evenly fleshed, with a finish to make a most attractive whole—by finish, I mean carriage, head, conformation, and an indefinable self-conscious dignity asserting itself. She was bred by that greatest of Scottish breeders and exhibitors, James Douglass. She was a happy combination of Bates and Booth, her dam being a pure Bates cow.

Another notable cow was Rosedale. She was large, with a beautiful front and smoothly-laid shoulders; her neck was particularly refined at setting on of head; her quarters were short, the only criticism, except that her hips were a trifle wide, but well covered, another Booth characteristic; as she was a pure one, with exception of a tincture of Belleville, she was justly entitled to wear them large.

Of the other cows that I have known, I must not forget Queen of Diamonds, a Bates-bred heifer, shown by Col. King, and winner as a 3-year-old in her class, and only defeated for championship by the great Rosedale, of an entirely different stamp, not large, but thick-fleshed, combined with lots of quality.

Shortly after this time Scotch Shorthorns were being imported and commencing a succession of victories, nearly driving other sorts out of the running. The Bates cattle, in general, had become thick-fleshed, while the Booths had never gained a footing, owing to shy breeding and pro-

ducing plain colors—a roan was considered plain in those days. Amongst the number of those whose early victories called attention to the Scotch, were Sylvia and Christabel, imported by Jos. Thompson, and exhibited by Col. King. Another sweet cow of Thompson's importation was Messrs. Snell's Golden Drop 1st. This was a cow to command admiration everywhere, and the peculiarity about this family is that there is a charming family likeness. I consider this the most successful of any Scotch family, and Golden Drop 1st as the best that I have seen.

Violet's Forth was a cow imported about this time by the Thompson's, of Whitby. I only once saw her; she was a great show cow and did a lot of missionary work in the West.

A word here as to a Canadian herd that made a name in the West when Shorthorn men were discouraged and the Herefords were having a big innings. I refer to that of Bow Park, with Lady Isabel at its head. She was, perhaps, as good a cow as ever was shown in Canada, a Booth of the refined type, she was large, wide, thick-fleshed and with lots of quality. Her stable companion, and one worthy of her company, was Imp. Havering Nonpareil 2nd. She was a most taking cow, with nicer hair and a better handler, and one might be happy with either if the other fair charmer were away.

Of the famous bulls, Duke of Connaught will ever be considered one of the best. Not large, but very evenly fleshed, he would command attention anywhere; to sum him up, he was a gentleman, and looked like one.

Fourth Duke of Clarence was a very successful show bull in the Bow Park herd, and a hard one to beat. He never threw away a chance, but always showed himself to the very best advantage; he was a large bull, carrying lots of flesh, and, withal, had lots of quality.

"Old Airdrie" must not be forgotten. I only saw him once. Shortly before he died, a friend remarked, "He looks like a poor feeder?" Brewster replied, "You're wrong, he could eat a bushel of corn as quick as any bull you ever saw."

Of the bulls that made names for themselves, none in the West eclipsed Baron Booth of Lancaster. As a show bull, in his best days, he was without a competitor, so to speak, though through the vagaries of judges he was occasionally beaten. Davie Grant and Baron were names as familiar as those of Tom Mason and Peach in Yorkshire. Davie always had him in the pink of condition. Was there a slight roughness at tail-head?

Another bull I remember as being one of those whose memory still lives, was Duke of Richmond, with Mr. Billy Potts in charge. I may be wrong, but he always struck me as lacking a little in quality, but what a breeder he proved himself!—taking the same place in Illinois and the West that Barmpton Hero did in Canada. They each made two herds, and their influence is felt to the present day.

Of the later bulls and cows I speak not; they have been before the public, and the public must be its own scribe.

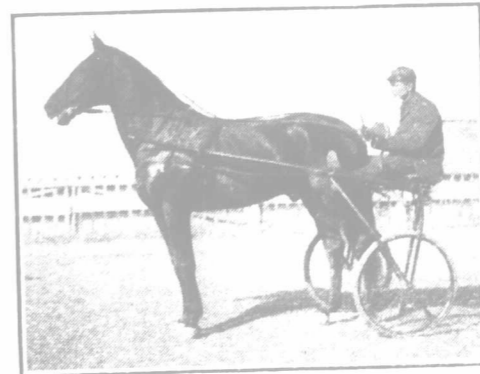
**Matrimony vs. Purgatory.**

Archbishop Ryan, visiting a small parish in a mining district for the purpose of administering confirmation, asked one nervous little girl what matrimony was, and she answered that it was "a state of terrible torment which those who enter it are compelled to undergo for a time to prepare them for a brighter and better world."

"No, no," remonstrated the pastor; "that isn't matrimony; that's the definition of purgatory."

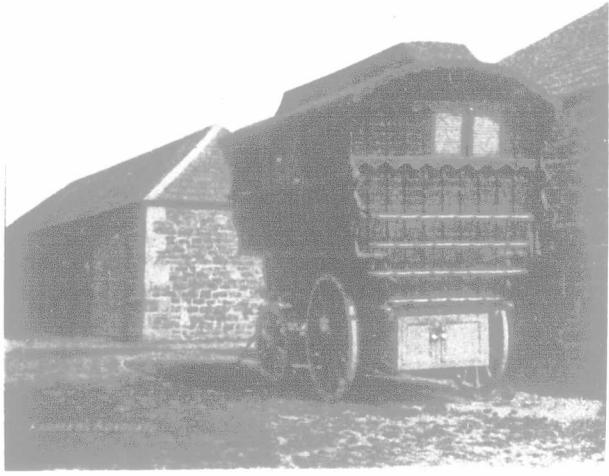
"Leave her alone," said the Archbishop; "maybe she's right. What do you or I know about it?"

The recent message to Congress by President Roosevelt will disabuse the minds of those who imagine that there is to be any relaxation of the uncompromising attitude of the United States towards Canada in tariff and other matters. The Dominion will do well to work out its destiny without "looking to Washington" for favors.



DIRECTUM, 2-05.

Owned by the International Stock Food Company.



A SCOTCH THRESHERS' CABOOSE.

**Prairie Home Stock Farm.**

Situated about one mile south of Crystal City is the home of the most noted herd of Shorthorns and Ayrshires in the Northwest. Here 2,000 acres of choice wheat land is owned and successfully worked on mixed-farming lines by the Hon. Thos. Greenway.

Crystal City is on the Pembina section of the C. P. R., 130 miles south-west of Winnipeg, and nine north of the international boundary.

This stock farm, located as it is in one of the best sections, thoroughly equipped with up-to-date buildings, and skillfully handled as regards methods of feeding, selection of stock, foresight in mating, and the closest attention in all matters of detail, has rapidly risen to the front.

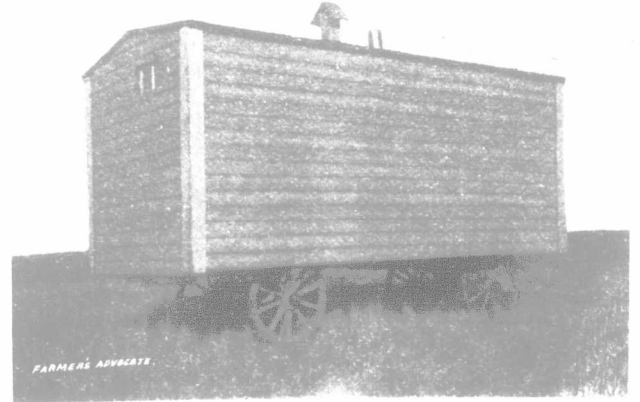
Since 1896, this farm has been ably managed by Mr. Jas. Yule, who later received the strong assistance of Jas. Oastler, a graduate of the O. A. C., Guelph. At present Mr. Waldo Greenway is manager, and under his care the same high reputation is being fully sustained.

The Shorthorn herd at present comprises about 100 animals, many of them representatives of some of Britain's most noted families, and in the selection of these, great credit is reflected upon Mr. Greenway. The famous Cruickshank Missies are at home here about seven strong. These came originally from the herd of W. C. Edwards, M.P., Rockland, Ont. The true worth of this valuable family can be best seen by the intense eagerness

which the very best breeders manifest to secure them at any public sale where Missie blood comes under the hammer. The Matchless family, with Kinellar breeding in the original, which is nearly akin to Cruickshank, make another strong showing here. They have been wonderful showing winners. Years ago, Messrs. Watt, of Salem, Ont., with this renowned family, won many prizes at Ontario's leading fairs. In 1899 the Matchlesses won the herd prize at Toronto, and this year Matchless 25th was sweepstake female, any age, at the Winnipeg Industrial. This beautiful heifer, bred by Watt, of Salem, is now owned by Mr. Greenway. As a yearling, she won first at Toronto and third at the Pan-American. She was sired by Royal Sailor (imp.), and out of Matchless of Elmhurst 9th; in size she is all that could be desired, with a fine feminine appearance, a strong back, very smooth and useful throughout, with great wealth of natural flesh.

Then we have representatives of the Strathallan family, brought out from the herd of John Miller & Son, Brougham, Ont.; the Cruickshank Lavenders, the Village Blossoms, the strongest of all, numerically; the Golden Drop strain, and others equally noted. The show-ring winnings of this noted herd have been so numerous and of such a high order as to be very gratifying to owner and all concerned. At Winnipeg, Toronto, the Pan-American, and other places, the showing of this herd has been excellent.

The present Shorthorn stock bulls are Judge 23119, Sittyton Hero 7th, and Moneyfuffel Banner. Judge, the famous old show and stock bull, is a Kinellar Mina, bred by Watt, Salem. His sire, Imp. Royal Sailor 18951, was not only a prizewinner, but also a sire of prizewinners. The noted Cruickshank bull, Hospodar, grandsire of Judge, was, owing to the excellence of his breeding and his marked ability to transmit to his progeny his superior characteristics, taken back from Canada to Scotland. Judge's calves, both male and female, have for the last four years in succession won first honors at the Winnipeg Industrial. Sittyton Hero 7th, sired by Sittyton Hero, and out of 39th Duchess of Glosster, won sweepstakes as yearling and two-year-old at the Winnipeg Industrial. At the Pan-American he was second, being beaten only by the \$5,000 Lord Banff (imp.). Sittyton Hero 7th has developed into a magnificent show bull, with great width and depth, a commanding presence and the best of handling qualities. Moneyfuffel Banner was first as calf at the Toronto Industrial in 1901, and first at Winnipeg as a yearling in 1902. With sires of such outstanding merit,



A WESTERN THRESHERS' CABOOSE.

coupled with females of the families mentioned, show-ring winners may frequently be looked for in the progeny.

In Ayrshires, Surprise of Burnside heads the herd. He is a son of imported Glencairn 3rd and Nellie Osborne (imp.), and as male champion of the breed at Winnipeg he proved to a marked degree some of his outstanding qualities, such as size, shape and quality. He also is a splendid sire, Loyal Chief, a son of his, winning first in yearling class. Silver Maid, one of the Ayrshire matrons, another Winnipeg sweepstake winner of 1902, along with some forty others, compose this Ayrshire herd.

Shropshire sheep, to the extent of about 100, headed by Dreamer King and Combine, also are at home on this farm. In swine, Yorks and Berks are largely kept.

Summer Hill Monarch and Prairie Home Duke are two extra fine Yorkshire stock boars. About 30 brood sows are kept, besides a number of fine litters of all ages. Victor, several times sweepstakes winner at Winnipeg, and Milton Ranger, along with 20 brood sows and various litters, make up the Berkshire herd.

One Shire stallion, Robin Hood (imp.), and two Clydes, are kept. King of the Clydes, male champion of breed at Winnipeg Exhibition, 1902, along with Sittyton Hero 7th and Matchless, male and female champions of the Shorthorn class at same fair, and also Surprise of Burnside and Silver Maid, as upholders of the Ayrshire honors, will be seen in the illustration which this brief review accompanies.



PRAIRIE HOME FARM BUILDINGS, AND A QUINTETTE OF CHAMPIONSHIP WINNERS.

Photographs by Hon. Thos. Greenway, Crystal City, Man.

**Improvement of the Country Home.**

Homes are where children are reared and trained to be men and women. If we are asked what we expect of men and women, we will reply, first, that they should be healthy and strong in order that they may do the work of the world; second, that they should be given an opportunity to develop whatever power or taste they may possess in order that they may do well their own particular part of the world's work; third, they should understand their own kind of work in all its relations in order that they may enjoy the doing of it. We are, in fact, hoping for a time when the home universally will be a source of health, efficiency and joy.

Many reasons may be given for the lack of interest which country women take in their homes; there seem to be three really good reasons. The first is, they have never been taught and do not understand their own business, that of housekeeping and homemaking. The second is, they know little about farming, either in plant or animal life, and so do not sympathize with their husband's business of farming; and, third, both husband and wife too often have not been taught to think about the wise use of money; the dollars often are very scanty, but even these scanty dollars are spent for food that does not nourish, for clothing unsuitable in fabric and style, and for furniture not good in form or durable in construction, and these scanty dollars are so spent because these people were left untaught when they were young, when they could have been easily impressed.

It is too much to expect that fathers and mothers can, in addition to their own necessary work, teach girls and boys all they ought to be taught. We know that many earnest educated people going into a new country, have not taught their own children even to read and write. So then, the highly-fitted teacher, the specially-fitted teacher, is the great need if homes are to be made what they ought to be.

The first effective step in bettering homes is generous support of the agricultural schools and colleges already established. Urge young men and women to attend these institutions; urge legislators to liberally provide for the growth of these institutions.

The idea seems to be gaining ground that the one who makes a home should be prepared for the undertaking, and that the principles should be taught in our common schools. There is now under way a new movement in education, whereby children (boys and girls) are taught numbers and reading while engaged in doing something else in the school. A pleasant exercise, illustrating the plan, is this: The teacher says: "Next Friday we are going to invite the children of the Locust Grove school to visit us. How would you like to make some cookies to have for a treat at that time?" Of course there could be but one answer to such a question. The teacher then writes upon the blackboard the recipe for cookies, with the explanation that this recipe is twice too much, and that when each copies it half the quantities should be written. Here is a lesson in reading, spelling, writing and arithmetic, learned with eagerness, because it is the necessary preliminary step in having cookies. Of course one will say, "Yes, but this is for a city school, specially fitted with an equipment of range or stoves, material and utensils." True, but could not wise school commissioners put such an equipment in any school? I have known school commissioners to equip the schools of an entire rural district with globes and charts (at the solicitation of a salesman) which cost far more than would an equipment for sewing and cooking (which the parents ought to solicit). The teacher wise enough to use some such system is, of course, trained at an agricultural or other technical school, and must be paid fair wages and employed for a long term.

If improvement is wanted along practical lines, then old, unpractical methods must be abandoned and something better be found and substituted. This same exercise of the cookies can be carried forward to teaching geography, commerce and manufactures. Where did the flour come from that is used in the cookies? In which State did the wheat grow, across which lake, down which river, across what country did the flour travel? And the sugar and the spice; the butter—what is a dairy cow? Where do dairy cows come from? How should they be taken care of? Where should milk be kept? At what temperature should cream be churned? Please look at the thermometer that hangs beside the door; what degree of heat is indicated today? And the eggs—these cookies—how many of you keep hens? What variety? How many varieties of partridge owls have you ever seen? Do you think you are laying as many eggs as they should?

Just how many eggs do they lay in a week? What does an egg cost? I know a bright farm boy who keeps an account with his hens with chalk on the door of the henhouse. He charges the hens with all the feed he brings to the henhouse, and credits them with every egg he takes away. It is a great accomplishment to know anything—certainly from one's own investigation. And where did the iron come from of which the stove is made? The tin of the baking-pan? The clay of the mixing-bowl? The coal or wood used for fuel?

Why would it not be well to eat only cookies?



MRS. VIRGINIA C. MEREDITH.  
School of Agriculture, Minnesota State University.

What is diet? What does the body require for growth, for repair? Ought young and old, those working indoors and those working outside, to eat the same things? How could you have in your home a varied diet? Have you a garden? How many kinds of vegetables do you raise? Have you ever tried selecting the fine, large, plump seeds to plant by themselves, and then plant the little, shriveled seeds by themselves, just to see the difference in results? Have you ever tried planting vegetables in long rows and tending them with a horse and cultivator? Do you like roasting ears, tomatoes, cabbage, onions, oyster-plant, eggplant, lettuce, beets, potatoes, asparagus, and what about strawberries, raspberries, grapes, plums, apples? How do people have such things? Does it cost most in money or most in thought and energy to have these things?

Why were the cookies baked? What effect did the heat have on the dough? It would not be hard to interest even young boys and girls in yeast ferment, and demonstrating the effect of heat and time in changing a useful substance into a positively harmful one.

Possibly while the baking is being done the teacher may bring out the fact that the sun is the source of energy, and that the wood burns in the stove and gives off heat because the tree in

the forest absorbed through years the sunshine, the warmth of the sun.

Young boys and girls will be interested in sewing. The evolution of the needle from a fish-bone to our present bright steel one, will arrest the attention; the children will like making the stitches and seams, and learning how one leads up to another; they will like to tell what they know of cotton and linen, silk and wool, and before they realize the way they have come, boys will be making bags for marbles, and girls many useful things.

Instruction of this kind, under a competent teacher, can be carried forward without text-books, and the result is sure to be felt in the homes. Such instruction gives opportunity for talks along household subjects in which both boys and girls are interested. The fact learned in the study of physiology, that the skin is an organ of excretion that carries away in a safe channel some of the waste of the body, may be the text for a talk on bathing; the plunge bath that the boy takes in swimming; the sponge bath that ought to be a weekly, if not a daily, exercise; the well-ventilated bedroom; the complete change of clothing for sleep; the two sheets, etc., etc.

A study of the use of money should be begun early, and the child taught that the way one's money is spent shows what kind of person one is, and also determines what kind of person one will become. Money in the family is spent in four lines: for existence, for comfort, for culture, and for philanthropy; and when the child is taught clearly what these divisions mean, there is likely to dawn a conviction that it is shameful not to spend a proportion of what one has or earns for one's own culture or education, and another portion for philanthropy, or helping those who need help. Moreover, the habit of spending wisely in the family fosters a citizenship that spends public funds wisely, fosters a spirit that submits cheerfully to taxation for schools, good roads, and, indeed, everything that uplifts and broadens.

So, then, if we would help the making of good homes and the improvement of bad ones in the country, we will encourage the sending of young men and women to agricultural schools, where home and farm topics are taught in their right relations, and the second step would be to secure such young people for teachers in country schools, by giving them ample, even generous, compensation, and employing them for a long period.

VIRGINIA C. MEREDITH.

**Peacemaker.**

A man went with his wife to visit her physician. The doctor placed a thermometer in the woman's mouth. After two or three minutes, just as the physician was about to remove the instrument, the man, who was not used to such a prolonged spell of brilliant silence on the part of his life's partner, said: "Doctor, what will you take for that thing?"

**Query.**

"Say," asked the lad of ten who had  
A most inquiring mind,  
"Who is it loses all the fault  
That other people find?"  
—Catholic Standard and Times.



THE LOVERS' LANE, BRANDON EXPERIMENTAL FARM.



**KINGSLYN RANCH, NEAR GRENFELL, ASSINIBOIA.**  
The home of Mr. T. A. Skilleter, J. P., whose Shorthorns are famous through the West.

**Kingslyn Ranch.**

To those who revel in outdoor freedom; who enjoy the blessings not obtained in the busy commercial centers; who love the works of nature, unhedged with artificial boundaries, the untrammelled life of the rancher has a peculiar fascination. There was a time when this enjoyment could only be experienced after wading through and continually putting up with hardships and privations which in the estimation of many more than compensated for the profit and pleasure.

That day is past, at least for large areas of our Canadian West; railroad facilities have paved the way so that luxury can be enjoyed on the ranch as in other places. The bachelor's shanty and sod hut of the lonely rancher may occasionally be seen, but far oftener the home of plenty, where not only the comforts of life, but habits of culture can be fully appreciated. Many who have travelled through the ranching portions of our country have merely viewed the land from the windows of the passing train, and have formed the idea that the whole tract presents an uninviting appearance of open plain, covered only with grass, more or less luxuriant. This no doubt is true in places, yet it is not by any means a universal picture, as any who have done much driving will at once allow.

Assiniboia, perhaps, presents as much variety as any part of the Prairie Provinces, not only in appearance, but also in its products, and the district around Grenfell has often been described as a particularly good farming center, and, judging by the enormous output of cattle, butter and wheat from this section, grain-growing and stock-raising both pay big dividends.

Kingslyn, the home of Mr. T. A. Skilleter, J. P., situated about seven miles south and a little east of Grenfell, on the south bank of the Pipestone, is perhaps the most beautiful spot in the whole neighborhood. This ranch consists of 1,920 acres, much of it fenced thirteen miles of wire, with cedar posts, already up. The Pipestone runs through, and with its high, scrubby bluffs affords the best of shelter, by its banks can be found a peculiar pasture, while its flow the water is pure and good, the other portion of

large ranching profits. Here we find a large area under cultivation, producing splendid crops of wheat, oats and barley, and in addition to the native grasses, Mr. Skilleter has been very successful in raising rye and brome grass, the last mentioned producing large crops of hay of prime quality. This ranch is beautifully located; clumps of trees here and there and many ravines give it a park-like appearance. From the veranda of the residence, which is situated in a picturesque spot, a most charming view can be seen of a pretty lake away to the west, and also of the hills along the banks of the Pipestone to the north and east. The avenue from the roadway to the residence, and down to the lake, reminds one of some of the pretty drives in Eastern Canada. The many buildings are frame on stone foundations and neatly painted. A large build-



**RESIDENCE BUILT FOR RAYMOND KNIGHT.**

ing, combining cattle stable, milking parlor, root cellar, etc., appears in accompanying illustration, in which an excellent arrangement is provided for dividing the young stock into pens, and noticed as of special interest, and another building is a large bonnet shed, which is used for the young bulls, who are allowed to run away day for water and exercise. The well and gasoline engine, with pump, are

be of great convenience, for besides crushing grain they supply motive power to a pulping machine, straw cutter, grindstone, circular saw, etc.

Kingslyn is known far and wide for the very fine herd of pure-bred Shorthorns kept by the proprietor, Mr. Skilleter. This choice herd of over 50 head are almost all of a deep red color, thick-fleshed, the type that breeders admire; and in combination with their present good breeding and beefing qualities, they are the offspring of ancestors of the best families of the breed. Some of them were bred by the Watts, of Salem, Ont., which in itself is a high recommendation; others, with pedigrees that trace to the richest blood of the old land, were purchased from some of our best Western breeders.

Mr. Skilleter has shipped a large number of bulls to Alberta during the past few years, and has now on hand 17 first-class animals for spring sale. The present stock bull, which you can see in the accompanying illustration (along with a calf of his), is "Cecil W." = 30969 =, sired by The Talisman = 26996 =, and out of Mary Emerson, by Free Trade = 16196 =, Star of the West, by Scottish Chief = 2108 =. He is a strong, useful individual, and is leaving good stock. Here there is no overfeeding, as in some cases Eastern breeders do for show purposes, so that these animals are better adapted to range conditions, and, therefore, give better results right from the start than pampered ones could be expected to. They are hardy, good tempered, and available at reasonable cost. It has often been remarked that the cattle of the Northwest Territories are generally of an excellent type, and we believe it is owing largely to the fact that those who have been able to do so have raised the very best class of stock, and the farmers have not been slow to take advantage of their many opportunities to improve their herds. This ranch is under the able management of Mr. Sydney Fisher.

**Of Untold Value.**

The "Farmer's Advocate" of untold value, and think that any farmer of this country is missing his own light by not taking advantage of every success.

MARTIN G. VANSICKLE.



WHEAT ON FIRST BREAKING.

**Progress on the Irrigated Lands of Alberta.**

BY J. M'CAIG.

There is so much of substantial and undoubted natural potentiality in the West, with its depth of wheat-feeding humus in the Red River Plains, and its airy undulations of rich prairie grasses, stretching away till checked by the rock-ribbed barrier of the great continental ridge, that it scarcely required the eye of the seer, even as early as Lord Selkirk's time, to tell of countless thousands of homes and peoples to be set down on our great central plain. There was still less of uncertainty in the hope when the great trans-continental railway brought this land to the eyes of the Eastern world. Since then the West has earned the title of "Granary of the World," and to her wheat have been added her cattle and her timber and her gold, until it looks as though the balance of Canadian population will be west, rather than east, of the Great Lakes before many years. It is not strange that such free and open facilities for home-making should be taken advantage of.

Much, however, as might have been expected, it is scarcely possible that anyone could have foreseen as great development as has actually taken place. Good as the country may be, a generation is a short pioneering stage, and it is yet some years short of a generation since the Canadian Pacific Railway came through and made general development possible. It was quite to be expected that some years of struggle, and some years of deprivation, should have elapsed before farmers should be able to sit down and count their wealth, or before they should be found freely utilizing the means and methods pertaining to the most advanced, progressive and intensive agriculture, instead of remaining a somewhat primitive agricultural people, struggling to make both ends meet. The most characteristic phase of this progressive feature has, perhaps, been the reclamation of dry or semi-dry lands, and the conversion of these to cultivation by artificial watering.

The largest irrigation enterprise in operation in the Territories is the canal of the Canadian Northwest Irrigation Company, in Southern Alberta. This canal is fed from the St. Mary's River, at a point some miles from the international boundary, and runs north-west, following the general slope of the Saskatchewan or Nelson basin, of which it is an outlying tributary. The terminus of the canal is at Lethbridge, which, from its being the headquarters of the company, and the center of the irrigated district, has been called the "Irrigation Town." The promoter of the enterprise was Mr. E. T. Galt, who is president of this company, and of the Alberta Railway & Coal Company besides. The company is under the management of Mr. C. A. Magrath, C.E., formerly a member of the Legislative Assembly, and a prominent figure in municipal interests of the town of Lethbridge. It is largely due to his energy that the irrigation enterprise has been attended with such success.

Some idea of what has been done may be gathered from the fact that during the present year settlers along the canal have harvested about twenty thousand acres of crop, principally wheat and oats, but including barley and flax. The wheat is a good sample, and will be a good milling grain. The total yield of grain is between six and eight hundred thousand bushels. Fifty binders and four steam threshers are running this year, where three years ago there was not one of either. A line of railway has been built from the Alberta Railway & Coal Company's line, which penetrates the irrigated district and links its settlements and interests together.

There are three towns on the canal, settled principally, but not wholly, by Mormon population. These towns have populations varying from six hundred to a thousand people, and are all growing rapidly. They are named Magrath, Raymond and Stirling. The town of Raymond is of considerable interest. Mr. Jesse Knight, a Utah millionaire, became interested in the district, and being philanthropic, conceived the idea of settling some of his poorer Mormon brethren in Southern Alberta. The Mormons are all practical irrigationists, and the site selected for his settlement was on the canal. Though the first house was only erected in Raymond in September of last year, the town already has a population of over eight hundred people, and it promises to be the center of the district. Its interests are not limited to agriculture simply. A large flouring mill is now in operation. In conjunction with the mill is an elevator of fifty thousand bushels capacity. A beet-sugar factory is to be erected, with a capacity of four hundred tons of beets daily. Land is being prepared now for next year's crop, and contracts have been closed with the farmers for next season's crop of beets.

in climate is already noticeable. The distribution of water over the land must mean considerable evaporation, and consequently, perhaps, greater local precipitation. The growth of trees will doubtless check the winds that are characteristic of the prairies.

It must be said that, though the irrigation canal has been the primary cause of this agricultural development, it is not to be understood that all the land cultivated in this area is under actual irrigation. It is irrigable, but during the past two or three years artificial watering has not been generally necessary. The water has been used for gardens and for stock-watering purposes. If the precipitation continues as it has been for the past two years, the expense of irrigation will be light. It is a necessary safeguard, as it is recognized that we are in a rainy cycle at present and a dry day will come. The success of crops on the irrigable lands has led to farm enterprises of considerable proportions being undertaken, near the mountains more particularly. In this way the canal has done much to encourage general settlement of lands in Southern Alberta. If it proves the case that a considerable proportion of the lands of Southern Alberta are suited to agriculture, settlement will be very rapid. Its elevation and its sunshine will make it, along with its productivity, one of the most desirable areas in Canada for homes.

The impulse that has been given to agriculture, both under the canal and away from it, has had an important influence on ranching. The capacity of lands for cultivation is going to fill an important need for the rancher. With the limitation of the range, cattle do not keep as fat as they once did, and require supplementary food. This is furnished by devoting some land to grain crops to be cut green, or to tame hay, such as brome grass and timothy. On this account large proprietary ranches have been started, while hitherto it has not been considered expedient or profitable to purchase lands out and out for ranch purposes. In this way the ranching industry in this district will be put on a permanent basis, instead of being gradually limited and contracted by competition for the range lands.



A SEA OF OATS ON THE MAGRATH LANDS.

Experience has proved in this and neighboring settlements that suitable beets of good saccharine properties can be produced. A flax mill will probably follow the beet-sugar business, as excellent crops of flax are grown on this land. The acreage of flax this year is nearly five hundred acres. It will be seen from the progress of these towns, and more particularly Raymond, that in the short period of three years the country has advanced to a state of mixed industrialism, instead of being purely agricultural, and that the irrigation enterprise has made possible a large addition to our natural resources.

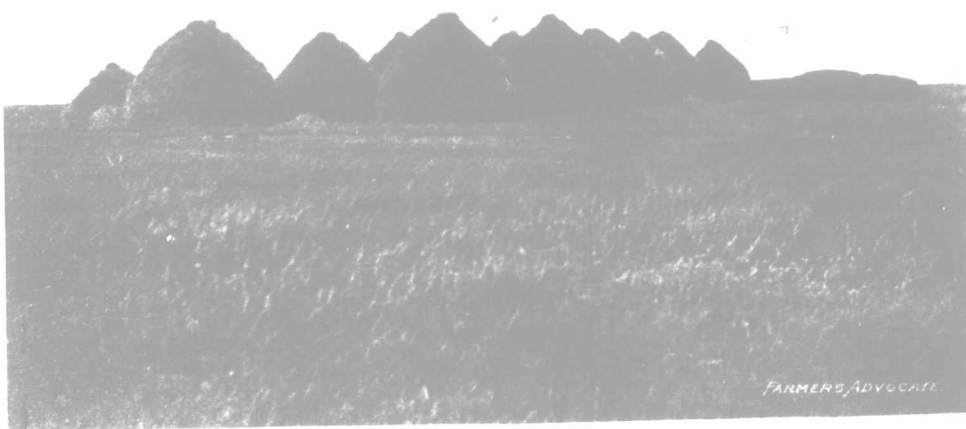
The town of Lethbridge, already a substantial town, by reason of its coal interests, is profiting by the new agriculture. Its food resources are greatly increased, freight charges have been cut off by local production of many commodities, and its distributing business of produce to outlying places and over the mountains has grown very largely. There is every reason to believe that for some years to come the town will enjoy a substantial commercial prosperity. By the conversion of the surrounding country to agriculture, the town's interests have been put on a firm and lasting basis. Town property and homes have been beautified, with the aid of irrigation, by tree-planting. It has been asserted by some that a change

**Christmas.**

- Time of goodwill, peace and plenty.
- Time of harmless mirth and fun;
- Time of pudding, goose and turkey.
- Time of cake and currant bun.
- Time of mistletoe and holly.
- Time of dainties, fruits and pies;
- Time when happy youths and maidens
- Purchase presents, gloves and ties
- Time when old folks' hearts are gladdened.
- Time of joy and festive tree;
- Time when Santa, with his presents,
- Makes the children dance with glee.
- Time of ringing, time of singing.
- Time of party, feast and ball;
- Time of greetings, time of meetings,
- Time of happiness to all.

The last report of the Manitoba Department of Agriculture puts the grain yield for 1902 at 100,052,313 bushels, of which wheat constitutes 53,077,267 bushels, an increase of 2,500,000 over 1901. There were also heavy increases in barley, oats and flax.

It is estimated by the Dominion Department of Immigration that the population of Manitoba and the Territories has been increased this year by 100,000 souls.



A SECOND YEAR'S HARVEST IN THE LETHBRIDGE DISTRICT.



A PARADISE FOR LIVE STOCK.

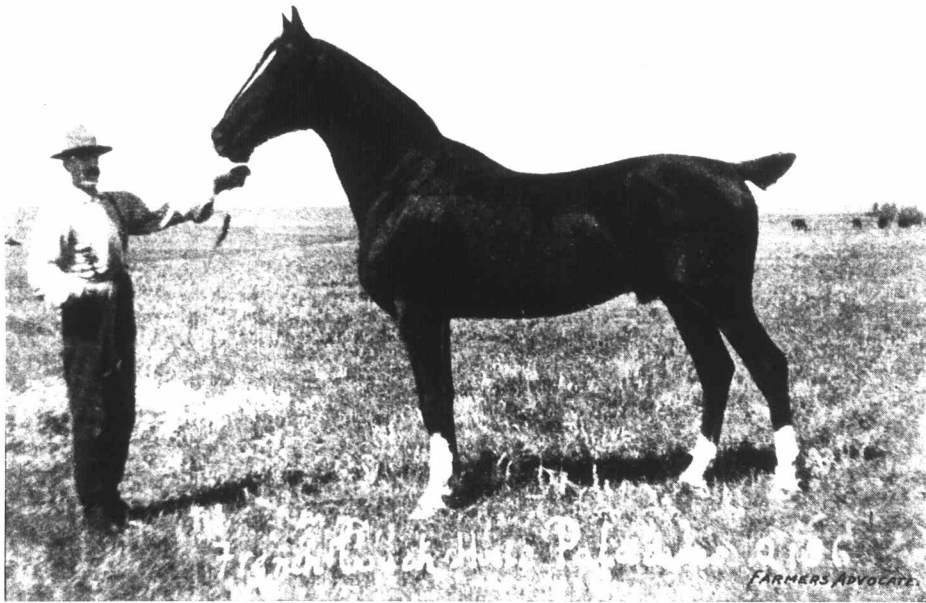
**Agricultural Society Notes.**

The policy has been adopted in every civilized country throughout the world, where state aid is given to agriculture, to organize and honor agricultural societies. Probably the most ancient agricultural societies in existence have their homes in Great Britain, where they were primarily organized in order to hold periodical agricultural fairs. It is, however a well-known fact that while this line of work was adopted in the early history of most of the British societies, it was by no means looked upon as the sole and most important work to be undertaken by them. A perusal of the earliest published records of county societies there elicits the fact that, while the holding of exhibitions was evidently looked upon as work of considerable importance, they did not by any means confine themselves to this, but distributed generous financial and valuable technical assistance in many other directions, principally upon the introduction of new and valuable varieties of seed and plants, the trial of labor-saving machinery, rewards to agricultural servants for long and faithful services; in fact, their usefulness and activity was felt in almost every avenue of agricultural progress.

With the organization of agricultural societies in new countries, such as Canada and Australia, the promoters very naturally devoted their first efforts towards establishing local shows and gradually fell into the error of regarding such as the chief aim and object of their institutions, entirely losing sight of the fact that the agricultural society ought to stand in the same relation to the farmer as the "trust" does to the manufacturer, and the "union" to the laboring classes. It is passing strange to note, that the discussion of economic subjects bearing on agriculture and representations to the "powers that be" from local agricultural societies are almost unknown in Canada to-day. To some extent, the possibilities in this direction have been made use of in most of the Australian States.

Nearly every Provincial Government in Canada to-day is confronted with an absolute necessity for the reorganization of their heavily subsidized agricultural societies, and directing their energies and expenditures into more useful channels. The expenditure upon fairs of such societies in the Province of Ontario alone greatly exceeds £1 and a half million per annum, and in proportion to population, the expenditure is equally heavy in the other Provinces, and the consensus of opinion seems to be that very little, if any, benefit is now to be derived from this vast expense. It seems to be generally admitted that the local agricultural societies have done very little to benefit the farmer, and that the only way to secure any benefit is to reorganize them so that they shall be able to do so.

adopted in nearly every province of Canada. The suppression of horse-racing and similar attractions almost invariably advertised in connection with our agricultural fair is also receiving considerable attention. There can be no doubt that attractions that have no direct relation to agri-



**FRENCH COACH HORSE, PALADINO 2186.**

Winner of first prize at Calgary as a three-year-old, first at the Territorial Horse Breeders' Exhibition last spring, and first at the International Pacific Exhibition, Calgary, September last.

OWNED BY THE BOW RIVER HORSE RANCH, COCHRANE, N.-W. T.

culture must of necessity divert the attention of people from the aims and objects of an exhibition, and any educational features that may be introduced in connection therewith. It is, however,

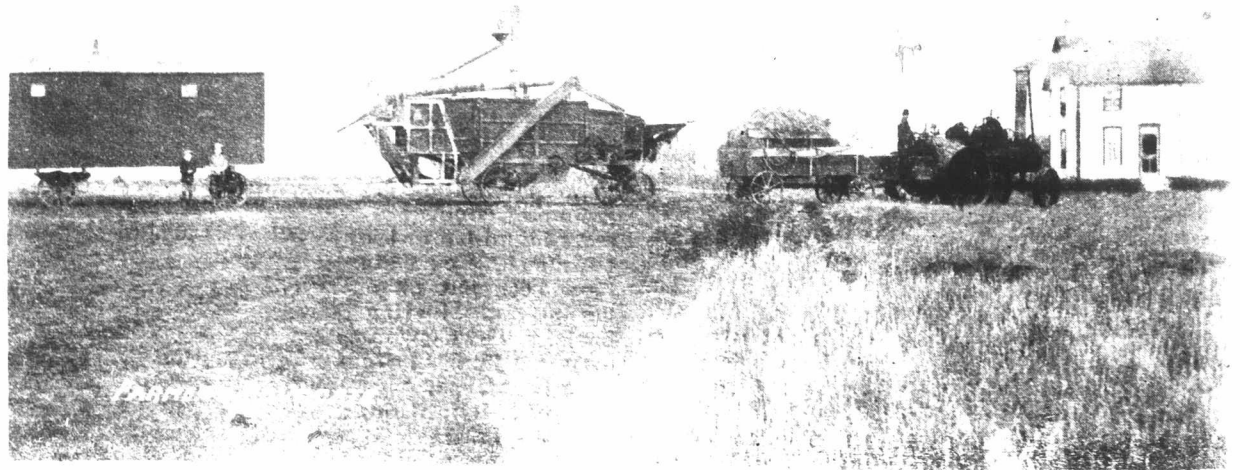
generally admitted that attractions of some sort must be provided in order to draw the crowd and bring the balance sheet out on the right side. An effort will be made during the coming year at several Territorial fairs to substitute gymkhanas, jumping competitions, ladies' and gentlemen's races, with owners up, and similar legitimate attractions, for the tiresome races that are generally inflicted upon the public on such occasions. It is sincerely to be hoped that these efforts will be successful, as fair-goers are getting very disgusted with the crooked practices which have in past years only too frequently been served up before them at agricultural fairs throughout the country.

The Territorial Government proposes, during the coming year, to inaugurate a series of co-operative agricultural demonstrations and experiments, calling in the assistance of the agricultural society system. At the annual meetings of these societies, held during the present month, the Department's proposal will be brought before the members with a view to securing the necessary co-operation to make this innovation a success. It is felt that the experimental farm system of the Dominion Government is not sufficiently widespread to cover the ground in the Territories as thoroughly as it ought to be covered. The Northwest Territories contain within their boundaries a multitude of soils, climates and altitudes, and in some sections of the country irrigation is required to make a success of agriculture. Under the circumstances, it is felt that a necessity exists for a system of experimental and demonstration work, sufficiently widespread to cover the ground as completely as possible, and at the same time economical enough to come within the scope of practical politics. It is believed that a great opportunity for useful work will thus be afforded Territorial agricultural societies, and it is hoped that they will enter enthusiastically into the project in order that this useful work may be successfully carried out.

It is evident that agricultural societies all through Canada require a thorough "waking up." Grievances against transportation companies and monopolies of all kinds fill the columns of the daily press. Why not bring these before the regular meetings of the societies, and thus insure united action? Let us try to minimize the importance of the animal show, and make the proper use of the only agricultural organization of any magnitude we have in Canada. C. W. PETERSON, Deputy Commissioner of Agriculture, N.-W. T.

**Old Country Help.**

The farmers of Rathwell district have selected Mr. Arthur Shepperd as a delegate to go to England and Scotland to secure men for next season's work. Mr. Shepperd will only engage experienced farm men. He leaves about the middle of January, and intends to be back with the men about the end of March.



THE FARMERS ADVOCATE, ST. JEAN, MAN.

**By the Way.**

Mr. Partridge, Sintaluta: "The car shortage is not now only a provoking situation, but a commercial calamity."

Mr. John Young, Cypress River: "This winter I want to try and get some more good Short-horns from Ontario. I like to look over Watt's, Johnston's and Gardhouse's stock."

Rev. Mr. Taylor, Immanuel College, Prince Albert: "I believe that our schools are wasting considerable effort on the Indians. What we should do is to get them to work instead of hunting. They can never compete with us in the trades. It will require three generations of education to raise the Indian to our standard of living."

The Massey-Harris agent, Rosthern: "I have sold 50 set of sleighs in two days. That speaks well for this district, eh? The country is almost entirely Memnonite and Doukhobor. I have to use five languages in doing business here."

Mr. Whyte, C. P. R.: "I will be glad to meet the executive of the T. G. G. A., at an early date, wherever they decide to talk over the matter of shipping wheat."

Mr. Dayman, Sintaluta: "I tell you, gentlemen, it's almost impossible to live among those Winnipeg grainmen without becoming contaminated. I didn't stay long there."

Hon. G. H. V. Bulyea: "We are doing all we can to arrange to get wheat out over the Soo line, and will be successful."

Superintendent, Churchbridge creamery: "The improved conditions in wheat-farming has caused a slight falling off in our receipts. This year we have handled eggs as well as butter. British Columbia is our principal market."

Mr. Frank Murdock, Bru: "It doesn't make so much difference to me if wheat is short. My cattle and sheep give me a continual revenue, far above what wheat can do."

Mr. Hunter, Regina: "The total wheat crop this year is conservatively estimated at 60,000,000 bushels. Up to December 1st, 15,000,000 bushels had been marketed. At this rate can we expect our granaries to be emptied for next year's crop?"

**Was It You?**

There was somebody who said an unkind word which hurt somebody else. Was it you?

There was somebody who was thoughtless and selfish in manner and mode of living. Was it you?

There was somebody who harshly criticised the actions of somebody else. Was it you?

There was somebody who found nothing but fault in the belongings of a friend. Was it you?

There was somebody who borrowed a book and kept it for months. Was it you?

There was somebody who never stopped to think who was hurt by the sarcastic word. Was it you?

There was somebody who day in and out never did anything to make anybody else happy. Was it you?—[Chicago Journal.

**Greenwood Farm.**

The home of J. J. Ring, two miles south of Crystal City, is beautifully surrounded with trees, as will be seen by the photograph. Mr. Ring is very enthusiastic over all branches of forestry, and has ably demonstrated at his own home the usefulness and beauty which a little forethought, taste, work and money gives to the farm home. That trees add beauty to the surroundings, no one will dispute, nor will any rational individual gainsay that in our climate wind-breaks are of decided advantage in many ways, weakening the force of the storm during winter and at the same time holding snow and in other ways protecting the small fruits that are beginning to be more universally cultivated. Then the shade given has also beneficial influences. It has been proven in a few places of this Province, that through careful selection and good shelter some hardy apple varieties can get along fairly well. This is well worth providing for, and the first move is to plant wind-breaks. This year Mr. Ring planted out 1,500 young trees, chiefly cottonwood, maple and elm.

Numbers of evergreens, in thrifty condition, deck the lawn; also good-sized maples, balm of Gilead, ash, elm, cottonwood, and some young



HOME OF J. J. RING, "Greenwood Farm," Crystal City, Man.

plum trees. This has been a very fine year for trees, and great growth has been the result, the young trees set out in the spring all looking well.

Mr. Ring farms 600 acres, 400 of which was under grain crop this year, and yielded well. The soil-packer is used with good results. Summer-fallowing is not practiced, the land annually giving a return, and this, where fertility can be kept up and weeds down, is as it ought to be.

A nice bunch of Shorthorns are also kept. Judge Jr., got by the famous show and breeding bull, Judge = 23119 =, one of the Hon. Thos. Greenway's stock bulls, is the present head of the herd. This young bull is a worthy son of his well-known sire, deep, with long, level quarters and good handling qualities, and a good getter. The matrons are good, broody-looking animals, sired by such bulls as Jubilee (imp.), Judge, and others. A small, select herd of Poland-China pigs are also kept.

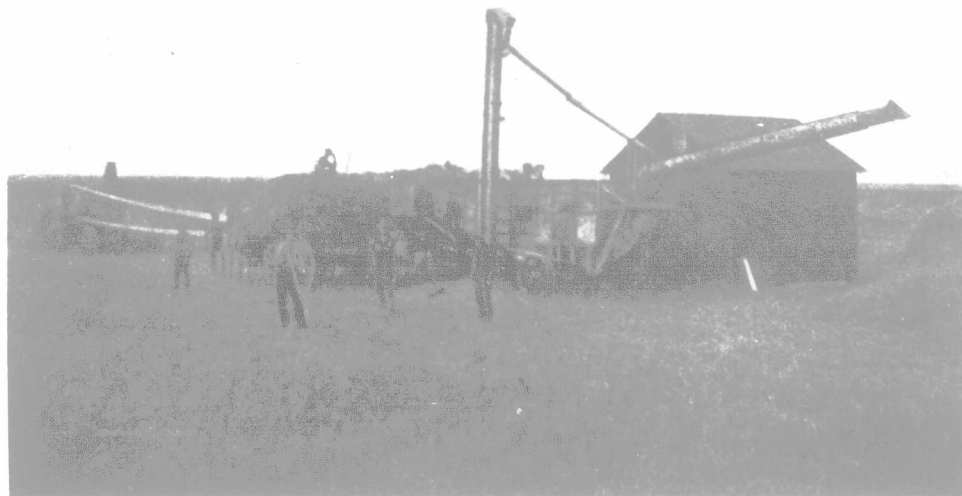
Susie, aged four, had been out in the country on a visit. On her return she urged her mother to let her keep a cow.

"But, Susie," said the mother, "there is no one else to take care of the cow and milk it."

"Oh, yes, I'll do that, mamma."

"Can you milk a cow? How do you do it?"

"Oh, I know how. I'll just pull the pegs out, like the man does."—[Lippincott's.



SPOUTING GRAIN INTO PORTABLE GRANARY, ON FARM OF HARVEY FRANCIS, INDIAN HEAD.

**Yields of Large Wheat Farms for 1902.**

	Acres.	Average yield.	Total bushels.
Wm. Douglas, Indian Head, Assa.—			
Wheat.....	610	31	20,000
Oats.....	70	37	2,600
Mitch Bros., Lumsden, Assa.—			
Wheat.....	390	33	12,870
Oats.....	160	52	9,320
Barley.....	25	55	1,375
Jas. Argue, Elgin, Man.—			
Wheat.....	530	25	12,650
Oats.....	100	60	6,000
Barley.....	40	40	1,600
John D. Ross, Elgin, Man.—			
Wheat.....	1,500	22	33,500
Oats.....	160	39	6,200
Chas. Thomas, Hartney, Man.—			
Wheat.....	1,100	25	27,500
Oats.....	231	60	11,900
A. B. C., Indian Head, Assa.—			
Wheat.....	680	26	17,600
Oats.....	300	40	12,000
Hon. T. Greenway, Crystal City, Man.—			
Wheat.....	325	32	10,400
Oats.....	325	75	24,375
Barley.....	130	40	5,200
Spelt.....	15	65	927
N. Wolverton, Brandon, Man.—			
Wheat.....	285	27	7,695
Oats.....	98	70	6,860
Barley.....	15	22	330
Spelt.....	21	40	840
Jas. Clark, Carman, Man.—			
Wheat.....	210	27	5,670
Oats.....	47	48	2,274
Barley.....	12	50	600
Spelt.....	6	64	388
A. E. Wilson, Indian Head, Assa.—			
Wheat.....	550	27	14,905
Oats.....	75	50	3,750
Sanderson Bros., Indian Head, Assa.—			
Wheat.....	505	30	15,150
Oats.....	76	58	4,408
W. H. Elford, Carman, Man.—			
Wheat.....	330	30	9,900
Oats.....	50	50	2,500
Barley.....	60	33	1,980
A. Clark, Carman, Man.—			
Wheat.....	450	31	13,950
Oats.....	70	64	4,480
Barley.....	10	90	900
Spelt.....	65	30	1,950

Note.—Mitch Bros. harvested 125 acres of brome grass for seed; heavy crop.

**Mixed Diet Necessary.**

By countless generations of actual trial and experiment, man has learned that no single article of food is sufficient for his sustenance. Nowadays we know what combinations are valuable and what are worthless. Beefsteak and potatoes, pork and beans, bread and butter, crackers and cheese, are standards.

Our digestive organs are adapted to a mixed diet. This is inherited, and any violation of established rules insures indigestion.

We can and should avoid extremes and excesses and pay careful attention to our food, because all our tissue and the strength to use it comes therefrom. A great amount of experiment and study on the science of nutrition is back of the following quotation: "We shall not be far from wrong if we reckon that an ordinary diet should contain one part of raw animal food to every three parts of uncooked vegetable material."

This relation is pretty nearly observed in the relative proportions of bread and meat in the ordinary sandwich.—[Live-stock World.

**Keep Your Self-respect.**

Your self-respect, young men, is the jewel of your souls. Nothing in the world, no honor, no power, no position, is worth having if it is got with the loss of the smallest part of your self-respect, absolutely nothing. All the wealth of all the Rockefellers and Vanderbilts is no compensation for the man that wakes up in the morning with a consciousness of dirt on his soul.

Win any honor that you can honorably, and so that you will never hesitate to review it all to yourself before you go to sleep every night. But never forget that there is one thing better than to be mayor, governor, president, or anything else. And that is to be of use.—[W. R. Hearst.



A PAIR OF GOOD STACKS, ON THE FARM OF M. ROBINSON, WOLSELEY, ASSA.



"THE SWISH OF THE BINDER." ON PROF. WOLVERTON'S FARM.

**Large Farms and their Management.**

A short distance from Brandon is the farm of N. Wolverton, president and manager of the Brandon Binder Twine Co. Last spring, on this farm, 285 acres were sown to wheat, and the accompanying illustration shows the binders at work. This field is 450 acres in extent, and the crop a heavy one. The wheat seed-bed was prepared in three different ways. First, 100 acres were sown on fallow land, which was well worked during the previous summer, part of it being disked early, then plowed, followed by the soil packer, and harrowed twice; the balance was plowed twice, and after that worked similar to single plowed portion. A slight coating of manure was spread on the higher portions of this fallow land. This particular part has been in cultivation 19 years, with no manure and but once summer-fallowed before. In the spring this land was disked and sown early, and yielded 33 bushels of No. 1 hard per acre. On the next plot, 65 acres was plowed and packed in the fall, with no spring cultivation. This turned out 26 bushels per acre, most of which graded No. 1 hard. Lot three (120 acres) was all spring-plowed, and yielded from 25 down to 12 bushels per acre, according to time of sowing. The latest sowing was very poor, some of it getting touched with frost. Considerable of this last graded low, but the early sown wheat, although receiving but the same cultivation as the late, yielded well and graded high.

**OATS.**—This, as is customary, was all sown on spring plowing, at three different times. The first seeding (37 acres) yielded 82 bushels per acre, the second plot sown was 30 acres, which turned out 80, and the latest sowing, on June 10th (31 acres), only yielded 45 per acre. In each of the cases the cultivation was the same, showing the great advantage of early seeding.

**SPELT.**—Owing to the land selected for this crop being the lightest and driest on the farm, it was in condition to plow before other portions of

the land could be worked, and, consequently, was sown the very first. Mr. Wolverton also wished to experiment as to amount of seed, and this year sowed one bushel per acre, which is less than usual. The land selected for this crop being the driest on the farm, was not the most suitable for heavy returns from thin sowing, more especially when the season (after the spring rains) turned out so very dry. The crop did not yield as well as formerly, 40 bushels per acre being this year's report, against 65 last year, and Mr. Wolverton attributed the principal reasons to the combination of very early and thin sowing. The barley was sown very late, June 12th, which, followed by dry weather, did not further rapid growth; in fact, so checked germination that the straggling appearance of the crop decided Mr. Wolverton to convert it into fallow land, but owing to pressure of work this was not carried out. At threshing, 22 bushels per acre was the yield, which, although poor per acre, was good, if the number of plants which yielded the same were considered.

Potatoes turned out only fair—210 bushels per acre, against last year's 405. It will be remembered that the spring was exceedingly wet, which delayed seeding very considerably.

This year 15 acres of Brome grass was sown, which is doing well. Over 70 acres was devoted to hay this season, 15 to pasture and 110 summer-fallowed; method, similar to that of last year.

**The Raw Material.**

"What," asked the visitor from the city, "are those strange yellow things that lie on the ground in yonder field?"

"Them?" asked Mr. Meddergrass. "Why, them's pumpkins."

"Pumpkins? How interesting! I never saw one before."

"Well, I do declare! Say, mister, what business are you in, anyhow, that you never got a chance to git out an' see things?"

"I run a pumpkin-pie factory."—[Baltimore American.]

**The Second Annual Meeting of the Territorial Grain Growers' Association.**

On the 4th and 5th of December, the second annual meeting of the Territorial Grain-growers' Association was held, at Indian Head, N.-W. T. Representatives were present from sub-associations in the different parts of the Territories. Owing to the exasperating relations existing between the grain-growers and the railway companies, it was expected that some very drastic resolutions would be submitted. However, the delegates had considered well the pros and cons of the situation, and were prepared for candid, rational discussion, giving the railroad and elevator companies only their just deserts. In his address, the President, W. R. Motherwell, explained the reason for the formation of the association, and outlined the work before it. He showed clearly that if the grain-growers were to receive redress from the evils to which they are now subjected, they must be united in their demands. The fact that the resolutions adopted by the association at their last meeting had been embodied in the amendments to the Manitoba Grain Act should be an incentive to unite and push their demands before our legislators. It was now all too evident that the Grain Act, which was intended to give the farmers redress, was being misconstrued and misinterpreted in every possible manner, embarrassing the farmer and prejudicing people against independent shipment. The announcement that the association had taken legal proceedings against an agent of the C. P. R. at Sinaluta, for violation of the Grain Act, was favorably received.

The secretary-treasurer, Mr. John Miller, showed in his report a satisfactory financial standing of the association.

On the second day the delegates began the real business of the convention, viz., the discussion of the resolutions; some of the most important of which dealt with amendments to the Grain Act. Others dealt with shipping by American roads; the building of elevators at interior points; a request that the Territorial Government inquire into the feasibility of the Hudson's Bay route; a request for Provincial autonomy; a request for an investigation into the question of state ownership of railways; a request for legislation providing for the maintenance of suitable fire-guards, and several other resolutions which have a less direct bearing upon the growing and shipping of grain.

The resolution dealing with the allotment of cars brought out the greatest amount of discussion. In the opinion of some the Act classed a loading platform as an elevator; that is, it was not entitled to receive more cars than an elevator. Others claimed that it is the individual that is provided for, not his loading place, and that cars should be apportioned in order of application, that the community of farmers who use the platform should not be regarded as one shipper. The supporters of the first contention claimed that station agents and grain men put the same interpretation upon the Act as they submitted, and were any other rendering possible there would at once be a kick coming from these parties. Their resolution provided that as the elevators handled grain for the great majority of the farmers, they should receive one-half of the cars.



PLOWING THIRTY-THREE ACRES PER DAY ON THE FARM OF MR. F. THOMAS, MELGUND, MAN.





FARMERS ADVOCATE.

From a painting by Mrs. MacArthur.

AN ENGLISH HAYING SCENE.

while the independent shipper, or the loading platform, should receive the other fifty per cent.

The opponents of the resolution claimed that they were now entitled to cars in order of application, and to support the resolution would be to vote away their rights as independent shippers. The resolution was carried.

Mr. Walter Scott, M.P., pointed out that the resolution would put the Federal members in an awkward position, as they had always advocated independent shipment. He also thought that the spirit of the Act provided for it. How the letter of the law could be construed to mean something else he could not tell.

When the resolutions had been discussed and passed, the election of officers for the ensuing year took place. Mr. Motherwell is still president and recording-secretary, and Mr. Lake, vice-president. The directors are: Mr. Dayman, Sintaluta; Mr. Noble, Oxbow; Mr. Hunter, Regina; Mr. Phin, Moosomin; Mr. Snow, Wolseley; Mr. John Millar, Indian Head, continues as secretary for the ensuing year.

Hon. G. H. V. Bulyea and Mr. Walter Scott, M.P., of Regina, were present. Mr. Whyte, of the C.P.R.; Mr. Castle, warehouse commissioner, and Mr. Frank Oliver, wired regrets of their absence. Mr. Whyte invited a conference with the executive at an early date. The exertions of the T. G. G. A. will do much to remedy the evils now existing in connection with the movement of our grain. It should be the duty of every one to help on the association in every possible manner. Though there was a great deal of healthy discussion, it was remarked that the convention could not have been more harmonious.

On some of our trains carriages for "ladies only" have been placed.

On one occasion these carriages were all occupied by the fair sex; consequently a number of ladies were obliged to procure seats in a compartment in which a haughty young fellow was the sole occupant.

He quickly saw that the carriage would soon be filled and he be in danger of losing his seat.

At length, when an elderly woman hove in sight, he thought it time to interfere.

"My good woman," he remarked, somewhat testily, "this is a carriage for gentlemen."

But he was quite taken aback when the old lady made the unexpected reply—

"Then what are you doing here?"

### Resolution of Medicine Hat Stock Association on the Seizure of American Cattle at the Boundary.

At a meeting of the Medicine Hat Stock-growers' Association, which was called to discuss the action of the Dominion Customs Department in seizing American stock on this side of the international boundary, for a violation by the owners of the Canadian customs laws, the following resolution was passed:

"Whereas the cattle ranges of Northern Montana and Western Assiniboia are separated only by an imaginary line—the forty-ninth parallel—and, as large herds of American cattle have for years been allowed to trespass on the Canadian ranges; and

"Whereas a large number of cattle brands are duplicated on both sides of the line, and, as American round-up parties conduct their operations on Canadian territory without reporting to the authorities or having stock inspected for brands; and

"Whereas the Medicine Hat Stock-growers' Association has for years been urging upon the Government the necessity of controlling the action of American round-up parties on their incursions into territory:

"Therefore, be it resolved: that in the matter of the recent seizure of American cattle on Canadian territory by a Canadian customs official, for an infraction of the customs laws of Canada, the Medicine Hat Stock-growers' Association considers the action of the Government in the matter to be justifiable and the proper procedure, as the cattle in question were not strays, but had been in the Northwest Territories for various lengths of time, and were in the act of being removed from the Canadian ranges where they had been fattened, to the State of Montana, for the purpose of being shipped to an American market;

Further, that in the opinion of this Association, the Government should enact such regulations as would force the people in the cattle business in the affected district, and who enjoy the benefit of Canadian ranges and Canadian laws, to become actual settlers and citizens, so that their trading in and out would pass through Canadian channels; and,

Further, that this Association considers that American stockmen should not be allowed to take cattle across the boundary line from Canada to the United States (supposed stray or otherwise)

without reporting to the proper authorities and having such cattle inspected and the number, sex and brand thereon reported to the Stock-growers' Association of Medicine Hat."

### The Test Case at Sintaluta.

A crisis in the wheat-shipping situation was reached when the Territorial Grain-growers' Association took legal proceedings against the C. P. R. agent at Sintaluta. The difficulties have clearly arisen from difference of opinion in the reading of the Grain Act. The agent at Sintaluta acted as most other agents have been doing in the allotment of cars.

Ever since the car shortage became evident, the elevator men have worked every plan to secure cars intended for independent shippers. Pressure has been brought to bear upon the station agents to induce them to misapportion cars. Is it any wonder that farmers living some distance from the town should suffer? Before the magistrate at Sintaluta the agent admitted that he had given cars in order of application as far as they would go, then with the next batch, instead of beginning his allotment where he last left off, he would begin at the first again; and, also, that he refused to "spot" cars on siding away from the loading platform or at elevators for independent shipping, but claimed in defence that he was following the reading of the Grain Act.

According to such reading it would be possible for elevator men to get a share of every batch of cars that arrived at the town. For instance, if there were six elevators in a town, and their managers made application for 200 cars apiece at the beginning of the season, it would only be in the event of more than six cars coming in per day that a farmer would be able to get a car. The decision of the magistrate, however, has only opened the question, which will be followed throughout the whole West with intense interest. It is practically the only course open to the association in order to get an understanding of the shipping situation.

When the case comes up for further hearing before the judge, it is hoped that a final decision in favor of independent shipping will be given. All the pressure available, and all our latent force, will be required to remedy the evil now existing before the opening of navigation.

F. S. J.

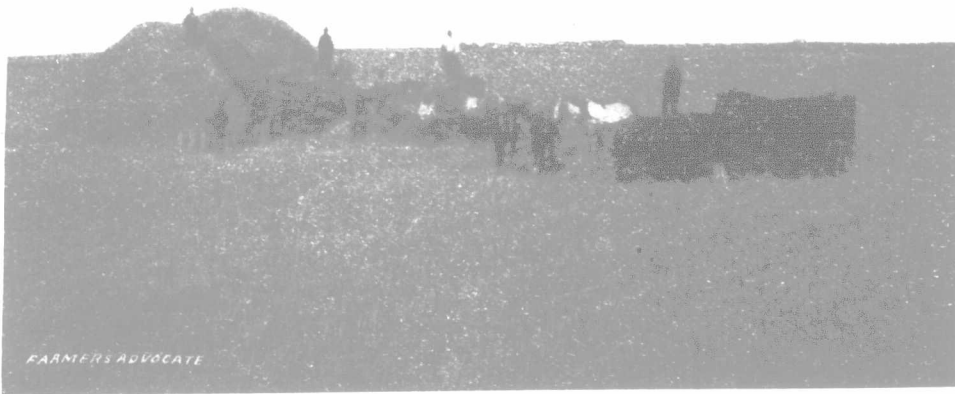
### The Beet Sugar Business in the West.

In view of the cost of transportation of many manufactured articles of common consumption to the West, it is gratifying to note that the manufacture of one of the most common of these commodities, viz., sugar, is being undertaken on a substantial scale in the Territories. Southern Alberta, which already illustrates a susceptibility to rapid progress in agricultural lines, has the credit of being the center of this new industry. The impuise to the manufacture of beet-sugar in Canada is not likely to go too far for a considerable time, notwithstanding the larger undertakings in the industry centering around Berlin, Dresden, Warton and Wallaceburg, Ont., now in successful operation, and the large number likely to follow in other rich agricultural districts. Our imports of sugar have reached as high as ten million dollars annually. This can be more cheaply produced at home than it can be imported, particularly as a considerable proportion of the imported stuff is cane sugar, which can not be produced at nearly so low a cost as beet sugar. It is probable that in the course of six or eight years, practically all of our sugar will be manufactured from home-grown beets.

The establishment of the industry at the town of Raymond, in Southern Alberta, is due to the enterprise of Mr. Jesse Knight, a Mormon millionaire, who has had in view the establishment of homes in this favored part of the Dominion for his poorer Mormon brethren. The sugar mill is not yet in operation, but is expected to handle next season's crop. The contracts for the different kinds of work on the mill have been let, and already seventeen cars of machinery have gone out over the newly-constructed standard-gauge road to the town. In preparation for next season's work, the land about the Mormon towns of Raymond, Sterling and Magrath, have been well prepared, and contracts closed for the cultivation of a large beet crop next year. The factory will be started by the new year, and will be in operation by next October. Population in the neighborhood is increasing daily, and it is expected by next spring that there will be two thousand people in or in the neighborhood of the town.

The soil and climate of the district are in the highest degree favorable to beet production. The soil is deep and fertile, and is easily worked. The season is dry until late in the fall, which will permit beets to ripen without being forced into unprofitable second-growth by early fall rains. Beets already grown have been subjected to tests by the Dominion Chemist, and have shown a high

percentage of saccharine matter. The natural light rainfall is to be supplemented by irrigation from the canal of the Canadian Northwest Irrigation Company, which passes through the town, so that in all respects the conditions favor the production of the highest quality and in as great abundance as they can be produced any place. The Mormons are adepts in the use of irrigation, and, likewise, in the cultivation of the sugar beet, and are an industrious class of settlers, who will



THE OLD HORSE-POWER.

spare no labor in the pursuit of this branch of intensive agriculture.

The factory to be erected is to be a good one. The company formed for the carrying out of the enterprise is capitalized at over half a million dollars. The building and sheds will cover an area of nearly five acres, and the daily capacity of the mill for the running season will be at least four-hundred tons of beets. There will be twenty large boilers running night and day, which will entail a daily consumption of sixty tons of coal. A lime-burning apparatus will be part of the plant, and will utilize twenty tons of lime rock a day. When the factory has reached the limit of its capacity, it is expected to produce ten million pounds of sugar a year. The towns of Magrath and Stirling will be made tributary to Raymond by a system of pipes, which will convey the beet syrup to the refinery. For the present, however, beets will be carried to the factory by rail at low rates from these places.

Besides supplying a common commodity to the West at low cost, the concern will be important as a labor market. Tradesmen are in demand already for the building of houses in the town, where tents are numerous for temporary accommodation, and it is to be confidently expected that when the building of the factory begins there will be work for bricklayers and carpenters.

### He Sold His Chance.

Boys who enter upon a business career little realize how closely and critically they are watched by their employers. Large business concerns have many large-salaried offices waiting for the right man. Integrity, honesty, obedience, are rare qualities, and demand to-day a higher premium than ever. In fact, all business houses are looking for the right boy as they have never looked before.

The superintendent of one of the largest department stores in the country engaged a lad of fifteen in the most subordinate capacity, at wages of three dollars a week. The boy was at the bottom of the ladder, at the very position where the heads of departments in that store had started years before.

The head of the department where he was stationed watched him carefully day by day, and reported upon him most favorably. He said: "Here is, at last, the young fellow we have been looking for." The next in authority took his turn in watching the lad. He became profoundly impressed with the boy's obedience, his integrity, his loyalty, and commended him to the head of the firm.

The firm had a consultation over the boy. How could that lad suspect that gentlemen whom he hardly ever saw, who seemed so far above him, and to whom he felt that he was absolutely insignificant, would be watching him with almost as much care as if he had been the son of the senior partner? The head of the firm said:

"We will give him six months, and if he stands the test we will advance him rapidly." The six months were almost up. So interested had the superintendent of the store become in the youthful prodigy that he personally took to watching him day by day.

One morning the superintendent noticed the boy hide something in his pocket. He stopped him.

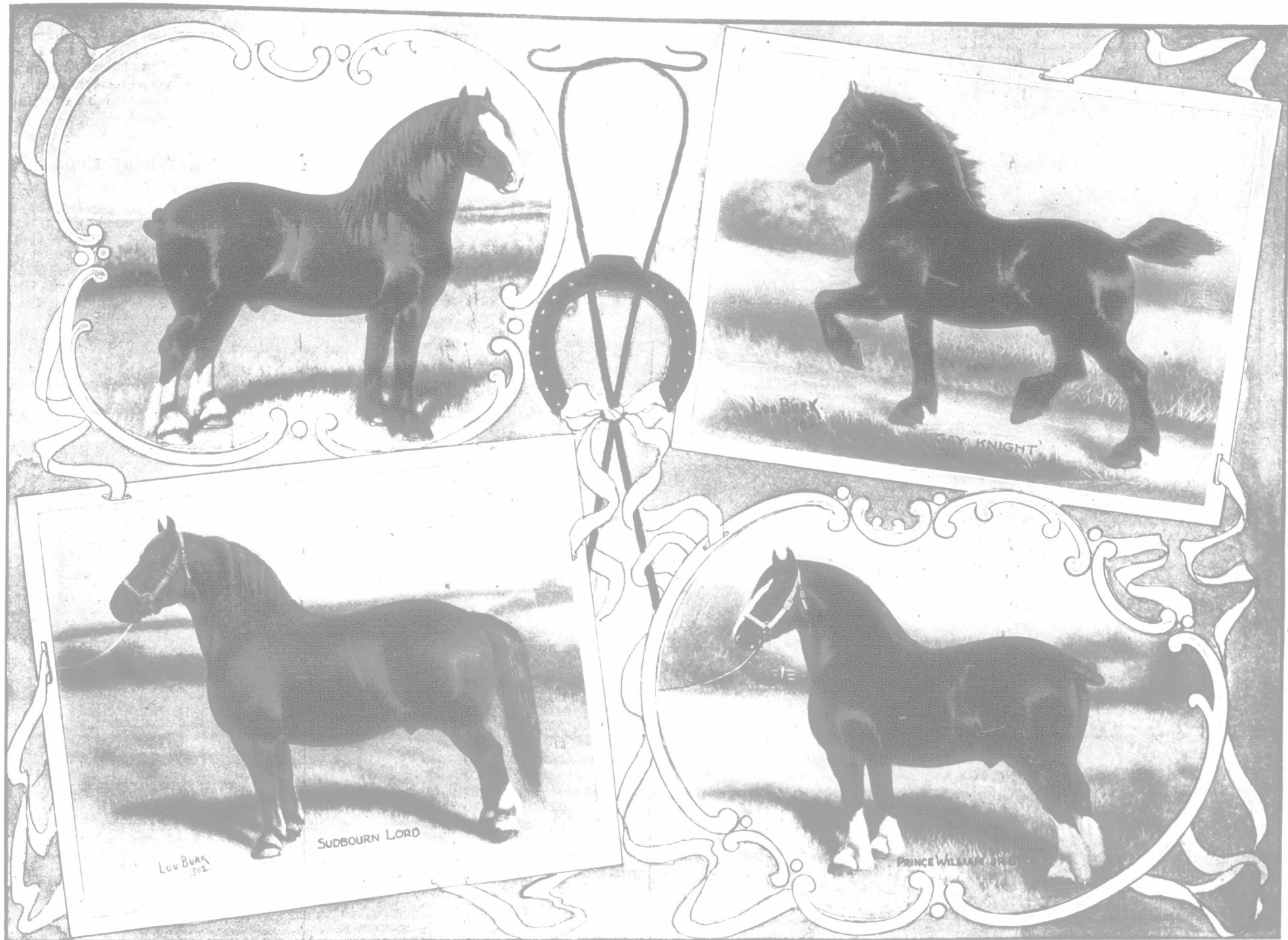
"What have you there?" he said to the lad. The boy paled and blushed.

"Oh, nothing," he said. He was asked to turn his pockets inside out, and upon him was discovered twenty-five cents in change, which he had just pilfered.

The boy was immediately dismissed. He had lost his chance of high preferment, of honor, of dignity, of respect and even of wealth, for a temptation so petty as to seem ridiculous. He had sold his character for twenty-five cents!



MR. C. ROBINSON'S THRESHING MACHINE.



**REPRESENTATIVE HEAVY DRAFT STALLIONS.**  
Clydesdale, Percheron, and Suffolk Punch. In the stud of Alex. Galbraith & Son, Janesville, Wis., and Brandon, Manitoba.

**Heavy Draft Stallions.**

Good stallions of the draft type are none too numerous in our Western land at the present, and were it not for such men as Alex. Galbraith & Son, of Janesville, Wis., and Brandon, Man., the scarcity would be all the more noticeable.

The illustration given herewith shows some worthy draft sires of grand substance, full of quality, with the best of action. Prince William Jr. 8708, in lower right-hand corner, is a noted winner. At the Chicago Exposition, 1901, he won first and the champion honors, \$100 prize, over all ages; also the American Clydesdale silver cup, value \$100, and the gold medal offered by the Clydesdale Society of Great Britain and Ireland, for best stallion of the breed. This horse, of such excellent parts and breeding, is owned by Alex. Galbraith & Son. Another of their noted horses is Magnet (imp.). In the illustration he is in upper left corner. This strong individual, along with Gay Knight (imp.), a three-year-old Percheron, was imported by Alex. Galbraith & Son. The famous Suffolk Punch stallion, Sudbourn Lord, in lower left corner, winner in England of 16 first and second prizes at the leading shows, is another imported by the same firm. A. Galbraith & Son have for the last twenty years been importers of the highest class of draft and coach stallions, Clydesdales, Suffolks, Percherons and Hackneys. This firm have faithfully aimed to improve Western horses by supplying sires of the highest individual type.

Choice breeding on the sire's side, when rightly mated, brings forth prizewinning progeny. Ancestors do leave their mark, and as many individual animals from this establishment have had the best pedigrees and breeding that could be got, it is a natural consequence for a large percentage of their offspring to again be winners in their day.

At the stables of this firm there are generally large numbers to select from, although at times, through fast selling, the stables may be slightly thinned, yet the active business methods of this firm soon have them replenished with other, equally good substance, quality and action.

**Review of the Dairy Industry in Eastern Assinibolia.**

With the opening of the season of 1902, the unusually inclement weather, for upwards of two months, made rather an unfavorable outlook from the dairymen's point of view, and which, to some extent, was realized. The industry, however, considering the unfavorable circumstances, has been quite extensively supported, with the exception of one or two points, and while the total make decreased somewhat, the

fact was so much in evidence that the creamery had to be closed after only three weeks' operation, while at Saskatoon, where the creamery is situated close to the banks of the Saskatchewan, the building was half submerged in water until late in July. Needless to say, this creamery did not open during the season. At such points dairymen expressing their willingness to continue in the work of the co-operative creamery were placed at no disadvantage whatever. The Department had previously made arrangements to accept cream from dairymen in outlying districts on terms equivalent to those required of patrons in close proximity to creameries being operated. Under these arrangements cream was conveyed by rail from points at a distance of 20 to 150 miles from the central creamery, the Department assuming the responsibility of transportation and handling.

**WHEAT VS. BUTTER**

It has been stated, and to anyone familiar with circumstances in connection with the industry it would appear almost a self-evident truth, that cereals prosper at the expense of creameries. Whether this statement may be characterized as prudent or otherwise remains to be proven by future development. In Eastern Assinibolia, however, where wheat-growing is extensively followed, the interest taken in dairying naturally fluctuates with the extent of wheat production, and in some localities, where large or even reasonable profits are obtainable by wheat-growing, it is rather a slow task to arouse popular interest in the dairy industry. But in the westerly and northerly portions of the Territories the situation assumes a different aspect and settlers in those regions are rapidly turning their attention to dairying.

**GOOD TIMES VS. DAIRYING**

The other difficulty confronting successful operation of the various creameries throughout the Territories was the effect of the prosperous times in our midst. In almost every center the price of labor of both men and teams was at a premium, and the work of cream hauling, previously commanding moderate remuneration, called for prices so much in advance of cream-hauling tenders in former years that it was considered inadvisable to let some of the routes. This obstacle was counteracted to some extent by having the creamery managers make a contract of the various routes, who were invested with powers to engage horses and prices not exceeding a figure considered to be the maximum for work of this nature, and in this way



**MR. G. J. WASHINGTON.**  
President Manitoba Cattle Breeders' Association.

prices, on the other hand, have been most gratifying, and the net cash revenue to patrons promises satisfaction.

Since the introduction of the co-operative creamery in the Territories conditions have never been so opposed to successful and satisfactory operations as during the present season. The excessive and continuous rainfall from early spring until past midsummer, made it practically impossible to convey cream by wagon, thus necessitating the discontinuing of cream routes which promised but no constant support. At one point this



"WHEN THE COWS COME HOME."  
View on Mrs. A. McBeth's farm, near Prince Albert, N.-W. T.

reasonable advancement was made. The view was held that it would be unwise, as well as detrimental to the industry as a whole and to the patrons individually, to continue the work on a large scale under exorbitant expenditure for cream-hauling, consuming the bulk of the patrons' profits. With this decision, every effort was made to secure haulers at reasonable prices, and when found impossible to do so the route was abandoned and patrons extended the privilege of hauling their own cream. Owing to those prevailing high prices the total output of the creameries was reduced considerably and patrons in certain localities somewhat inconvenienced. They were in sympathy with the work and willing to support it, but were isolated to such an extent that to make the trip semi-weekly would be unprofitable. They were, however, when an explanation was rendered stating reasons for the course adopted, in hearty accord with the view, and the measure has been satisfactory in so far that the expense on the patrons has increased but little, although the number of the routes was much smaller than in previous seasons.

The great influx of laborers, more particularly in localities where construction work was in progress, created quite a demand for dairy butter, with a corresponding high price, which induced many of the patrons to manufacture the raw material on the farms, where an immediate and profitable sale was effected. This, of course, can only be applied in connection with two or three creameries, but in such cases the reduction in the total output was very marked.

CONDITIONS OF SUCCESS.

The dairy industry in the West is capable of much greater expansion without even increasing the number of milk cows, by more unanimous support of the co-operative system and the adoption of the centrifugal cream separator on the farm. Not only would the quantity be increased, but the quality would be much improved and a system of uniformity introduced which would command top prices. Cognate with this is the better care of the milk and cream of the farm and the weeding out of unprofitable cows in the herd, gradually working into that class of stock which, in present Western conditions, will yield a maximum of milk and beef of the best quality. In fact, I believe before many years nothing but intense farming will pay, applied in every branch, and at present the opportunities afforded for dairy produce expansion are practically unlimited. What would be another beneficial and valuable change in stock raising conditions, and which is much required by Western farmers, is the more comfortable housing of the herd, more particularly the milk cows, and the feeding of more succulent food. The construction of the average stabling quarters does not provide sufficient protection from the cold winter blasts and intense frost. Besides, the nature of the food supplied often does little more than sustain life during the winter months, and with the approach of spring milk cows are in such a reduced state of energy that prospectively upwards of a month of warm weather and a similar period of access to succulent spring grass is essential to produce vitality and strength in the herd before the production of milk is enabled to any noticeable degree. Unless this part of the work has been given careful attention, the losses resulting from negligence in winter and insufficient food during the spring months will be considerable. At moderate expenditure in erecting warm and comfortable quarters, and in a profitable investment in the purchase of a cow, it will be the increase in milk production that the condition of the herd will readily be maintained and improved.

QUALITY

prepare themselves to assist in counteracting the evil effect of unavoidable circumstances by properly and conveniently fitting up a small dairy on the farm and laying in an ice supply so that efficient care and attention may be given the raw material while directly under their control. Without an improvement in the quality of the cream delivered at the creamery, we cannot hope to eventually establish confidence in the produce we offer for sale. One good feature this season is that the creamery butter was shipped and disposed of much fresher. The difference between such butter and stored goods is so manifest that the difference in quality would be largely counteracted. The make during August, September and October was quite superior to that of the former months. The markets were also quite brisk, and small sales, from 500 lbs. upwards, were readily effected at from 22c. to 24c. per lb., f. o. b. creamery points; larger sales going at 22c. and over.

Below I give a tabulated statement of the extent of our work for the season just concluded:

Creamery.	No. Patrons	Inches Cream.	Lbs. Butter.	Days Operated.
Churchbridge	264	98,105.1	116,730	201
Grenfell	66	26,915.2	33,595	146
Moose Jaw	11	13,236.8	16,741	185
Moosomin	35	9,526.9	11,843	136
Prince Albert	31	11,269.5	11,527	96
Qu'Appelle	63	18,113.6	20,880	185
Regina	63	21,327.7	25,952	180
Salteoats	32	6,633.7	6,190	109
Whitewood	40	6,246.5	6,982	121
	611	211,775	253,719	1,359

Regina. W. A. WILSON, Dairy Supt.

While You are Growing.

Growing girls and boys do not always appreciate that it is while they are growing that they are forming their figures for after-life. Drooping the shoulders a little more every day, drooping the head as one walks, standing unevenly, so that one hip sinks more than the other—all these defects, easily corrected now, will be five times as hard in five years, and twenty-five times as hard in ten years. A graceful, easy carriage and an erect, straight figure are a pleasure to behold and are worth striving for.

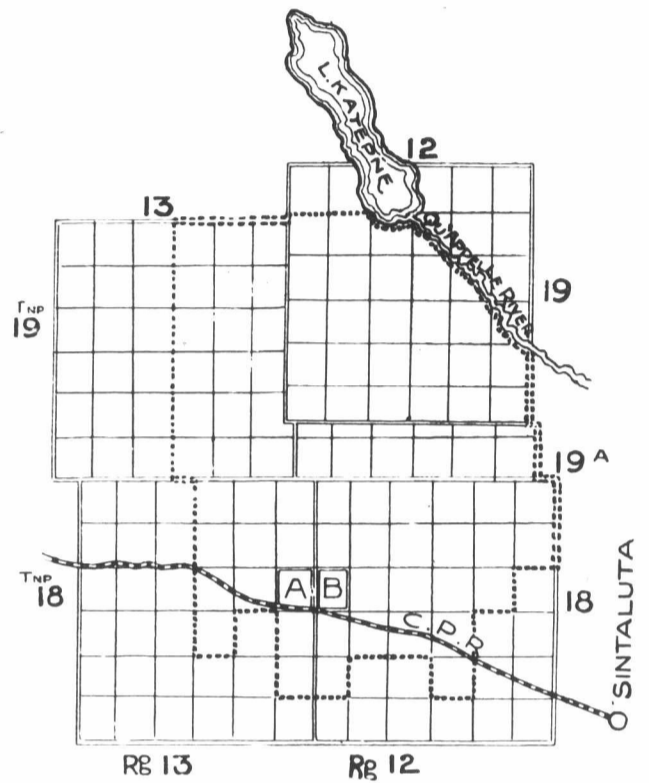
An easy way to practice walking well is to start out right. Just before you leave the house, walk up to the wall and see that your feet, chest and back are level. If you are not, then, as you start, think of the wall, and keep your feet, chest and back level. This is the best way to practice walking well, and it will be found that the more you practice, the easier it will be to keep your feet, chest and back level.

in saying that the appearance and style of the produce and uniformity among the creameries in the general manufacture has shown a marked improvement. During the early part of the season, when the labor of cream-hauling was so burdensome, owing to the inclement weather and almost impassable roads, which, in many cases, kept the cream on the road several hours longer than it otherwise would have been, the quality of the raw material suffered considerably, resulting in a slightly inferior finished product. The cause of this, however, is not justly attachable to either patron or manufacturer. Nevertheless, the fact remains that up to the end of July the quality of butter was inferior to that of other years. This should be an incentive to all dairymen to better prepare themselves to assist in counteracting the evil effect of unavoidable circumstances by properly and conveniently fitting up a small dairy on the farm and laying in an ice supply so that efficient care and attention may be given the raw material while directly under their control. Without an improvement in the quality of the cream delivered at the creamery, we cannot hope to eventually establish confidence in the produce we offer for sale. One good feature this season is that the creamery butter was shipped and disposed of much fresher. The difference between such butter and stored goods is so manifest that the difference in quality would be largely counteracted. The make during August, September and October was quite superior to that of the former months. The markets were also quite brisk, and small sales, from 500 lbs. upwards, were readily effected at from 22c. to 24c. per lb., f. o. b. creamery points; larger sales going at 22c. and over.

look over the top of an imaginary carriage just in front of them. It was good advice, for it kept the head raised. Don't think these things are of no value. They add to your health and your attractiveness, two things to which everybody should pay heed.

Indian Head as a Wheat Center.

The following is a list, so far as we can estimate, of Indian Head (N.-W.-T.) district farmers within the dotted line boundary who grow 8,000 bushels or more of wheat each: J. S. Court, John Boyd, Thos. Smith, Jas. Harrop, Alex. Stibbard, J. W. Miller, E. Williamson, E. Boone, W. J. Miller, Wm. Cathcart, Clayton Rigby, Peter Obelman, John McConnell, Fred Harrop, Ernest



A—Indian Head town site.  
B—Experimental Farm.  
Dotted line—Boundary of district in which the wheat as per list was grown.

Skinner, Geo. Harvey, M. McDermid, Thos. Jackson, Jas. Jackson, A. Davidson, Mrs. M. A. Boyd, Wm. Harrop, Wm. Douglass, A. E. Wilson, John Boden, Geo. Lang, H. Burke, A. McKay, R. Todd, Chas. C. Rigby, Jos. Obelman, Wm. Dickson, Lorne Stephens, Benj. Holden, J. H. Francis, Davidson & Gardiner, Otis Holden, Alex. Walker, John McDougall, Jos. Webster, Wm. Dixon, Peter Donald, Hugh Cargo, Chas. Hubbs, Sanderson Bros., Wm. Patterson, Harvey Brown, Jas. Curt, Jas. Pollock, Frank Campkin, Josh Thompson, Wes. Forde, T. Livingstone, Alex. Dixon, Patterson Bros., Lyons Cargo, Geo. Bennett. In all, these 57 farmers would raise this year a total of about 456,000 bushels of wheat. It is only a partial list of the wheat growers, and includes only those south of the Qu'Appelle River.

Homestead entries received during November at agencies and sub-agencies of the Dominion Lands Department were 2,778, and in the corresponding month of last year 826, an increase of 1,943. Comparison is made exclusive of Lethbridge and Regina returns, which have not been received, but these will increase the total by several hundred.



TEMPORARY BRIDGE OVER THE SOURIS RIVER AT SOURIS.

**Evolution of the Threshing Machine.**

To the 18th century we are indebted for the conception of several of the more important of our farm implements, and to the 19th century for the perfecting of these implements.

We need not wait to enquire what our forefathers, largely engaged in agriculture, were doing all those years and centuries of years, but to suppose there was no talent in those days, no ambition, no inventive power, would be an injustice to a people who have left a stamp on both science and art. Labor was cheap—human life of little value—slaves and prisoners, without wages, were forced to do the menial work of their masters, so the inventive faculty was not spurred on to devise new methods. Besides, the times were perilous. No noisy steam-whistling threshing machine would have done, for in the story of Gideon (Judges 7) we have one of the bravest commanders of the Israelites threshing his wheat on the quiet, to hide it from the Midianites, who annually invaded the land and stripped it of everything they could eat or carry away.

In Leviticus 26, B. C. 1500, we have the first mention of the operation of threshing, in either sacred or profane history. There it is referred to as extending from April to September, certainly a very lengthy season, but how it was done we are not told, but in the Book of Ruth we read of Ruth beating out the barley she had gleaned during the day, probably with a short stick. This mode of threshing continued for centuries, for in Greek and Roman history we read of the *fustis-baculum* and *perlico*; i.e., club, staff or cudgel. When the threshing was done on a large scale, the Egyptians and Hebrews used threshing floors, which were simply high, hard knolls, from 50 to 100 feet in diameter. The sheaves were laid on the bare ground, and the grain trampled out by oxen. Some of these floors obtained an eminence among the useful institutions of Canaan. Thus we read of the threshing floor of Nachon (2 Sam., 6: 6), of Atad (Gen., 50: 10), of Araunah (2 Sam., 24: 16).

The feet of the oxen for threshing purposes was improved upon by the *moreg*, a sort of drag, mounted on rollers and drawn over the sheaves. This was used by the Phœnicians and Egyptians as well as the Hebrews. Ancient sculpture has handed down a picture of the *moreg* at work in the Roman threshing floor, with a seat for the driver, who cheers his oxen with the song:

"Gee along, oxen—tread the corn faster;  
The straw for yourselves, and the grain for your master."

For many years in Canada, a great deal of the grain, such as peas, was threshed on the barn floors by horses, driven round and round.

Then came the *tribulum*, a Roman device, and

the first to combine any mechanical skill. It was an improvement on the *moreg*, by having pieces of iron or sharp flints fastened on the rollers, or under side of the drag. It was used by the Hebrews, Egyptians, and people of Asia Minor. The Roman *tribulum* has given to the English language the word *tribulation*, a word of frequent occurrence in the New Testament, and the connection between *tribulation* and the Roman *tribulum* seems to be that as the *tribulum* sepa-

rated the grain from that which was worthless in Eastern countries, so *tribulation* fits the Christian for usefulness here and glory hereafter. The *baculum*, or straight stick, was soon improved on by a bent stick, and then the flail, an implement not yet wholly laid aside, and it is something remarkable that the first device calling out real mechanical ingenuity was a flail threshing machine, invented in 1750, by Michael Menzies, in East Lothian, Scotland. A water wheel was made to turn a shaft to which was attached a number of flails. When the necessary speed was put on, the velocity broke the flails, and the invention was laid aside. Another invention, much on the same principle, was brought out five years later, by a Mr. Marshall, of England, but also failed. It was driven by a horse.



JACK LOOKING PLEASANT.

In 1758, Michael Stirling, Dumblain, Scotland, invented a machine on the principle of the flax mill. An upright shaft, with four cross-arms, was made to revolve at great velocity in a

cylinder. The sheaves were fed from the top, and the grain beaten out by the arms. A riddle and kind of fanning mill separated the grain from the straw. It did fair work in oats, but broke off the heads of wheat and barley.

The next curiosity was a one-man threshing machine that was invented by Edward Greyson, in 1765, with great expectations. It, too, was a copy of the flax mill, the switchers were turned by the man's foot working on a crank, like a cutler's wheel. A man could thresh 12 bushels of wheat in a day, but it was hard work. During the twenty years that followed, several machines were got up on the principle of rubbing and beating, but with indifferent success. One, mentioned by a writer of the times, was used in the south of Scotland and could thresh and clean 150 bushels of oats in a day.

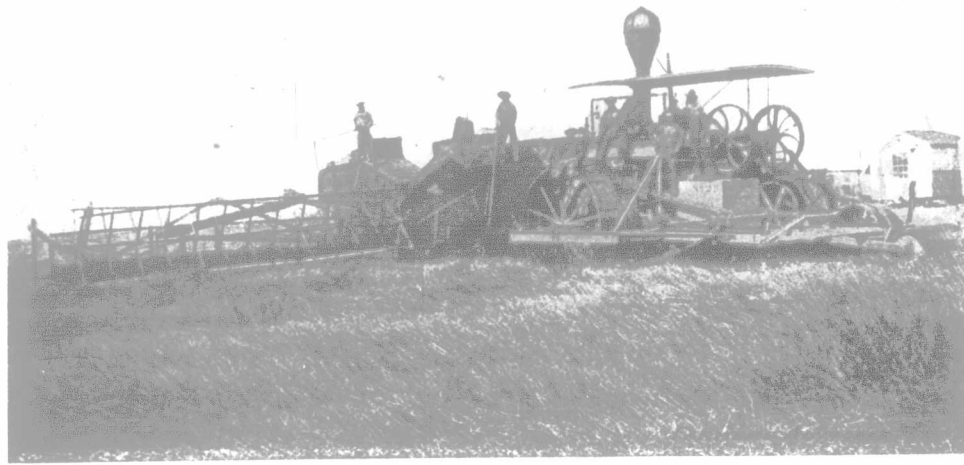
But to Andrew Meikle, a Scotch mechanic, belongs the honor of elaborating the first threshing machine that combined the elements of efficiency and permanency. This was in 1785, and was constructed on the principle of beating the grain. A number of horizontal beaters—stout boards—were attached to a drum, revolving at a rapid rate, and as the sheaves were drawn in by fluted rollers, the grain was threshed from the straw, and in course of transit was nearly made ready for market. The Meikle threshing machine was patented in 1788, and for over a century was the threshing machine used in Scotland and the north of England. The straw as it came from the machine retained its whole length and could be used in thatching stacks and houses. It threshed oats well, but was defective in wheat. This difficulty was overcome by substituting a cylinder with iron teeth, as we have to-day, instead of a drum with beaters. Coming nearer home, there are those still living that remember the open threshing machine of the early '40's. This was the first thresher the writer saw at work in Canada, the straw, grain and chaff all coming out together. The separation was made with hand rakes and pitchforks, and the power was made by two yoke of oxen turning a small horse-power.

Previous to this, the separator had made its appearance in the neighboring Republic, and the honor of its introduction into Canada is ascribed to Mr. McPherson, of Fingal, who at that time, 1845-47, was carrying on business as grain-buyer in Yarmouth and Southwold townships, in the County of Elgin. Paying a visit to Rochester, where there was an American manufactory of threshing machines, Mr. McPherson brought over three machines to Canada, the first-known separator threshing machines used in Ontario. These gave such good satisfaction that Mr. McPherson paid a second visit to Rochester and effected an arrangement with Mr. Glasgow, who was employed in the factory, by which a partnership was formed, and a foundry erected at Fingal, laying



From a painting by Alfred Jacques Verwee.

CATTLE RETURNING FROM PASTURE.



COMBINED HARVESTER AND THRESHER, CALIFORNIA.  
Front view.

the foundation of the well-known firm of Glasgow & McPherson, the original manufacturers of threshing machines in Ontario.

A few years later, another well-known firm, Messrs. Billington & Forsythe, erected a factory at Dundas and acquired a high reputation for separators and other agricultural implements.

In the next ten years, various other firms sprung up in the thresher world, so that at the eleventh annual Provincial Exhibition, held at Kingston, September, 1856, H. A. Massey, of Newcastle, took first prize for the best horse-power thresher and separator; Johnston, of Montreal, second, and Joyner, of Poughboro, third prize. Of the Massey thresher, the judges make a note, and wish to express their admiration of the style in which this machine is got up.

Thirty years ago, the Little Giant thresher and separator became very popular in some sections. It claimed superiority to everything on the market for simplicity and efficiency. A succession of agitating finger-bars, working like pitch-forks, make a complete separation of grain from the straw. It sat on two wheels; was made for six horses, but could be worked by four; cost \$100, and would thresh 200 bushels of wheat a day, and has been greatly appreciated by threshers. Self-feeders, hand-cutters and other labor-saving devices have been introduced during recent years, and also the wind stacker, or blower, for conveying into the barn mow or stack the chaff and straw, in place of the old open carrier.

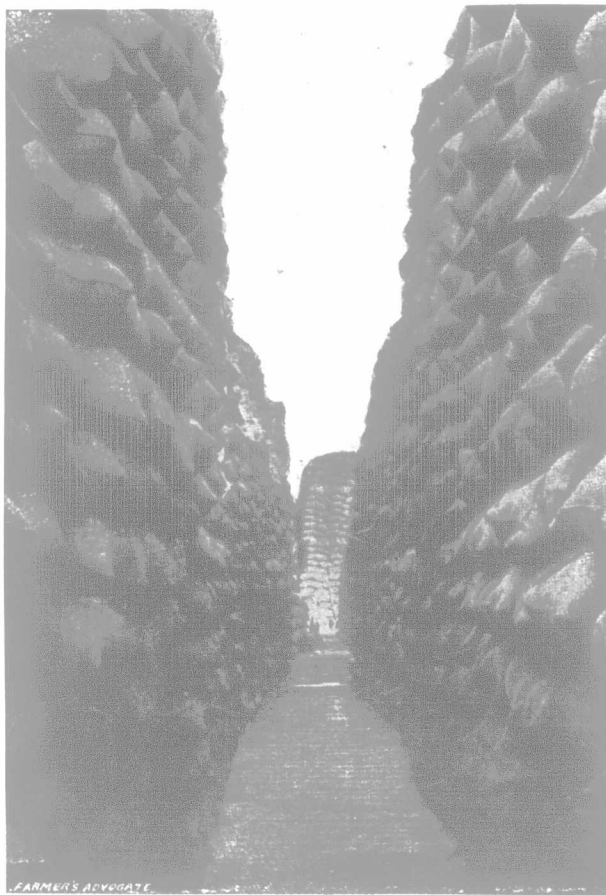
In the extensive fields and thoroughly standing-up grain of California, American ingenuity has combined the threshing machine with the reaper. The California reaper is constructed on the principle of a header, cutting off the heads of grain and elevating them into the cylinder of the threshing machine, attached behind. The heads are threshed, the grain cleaned, and runs from the thresher in two spouts—one on each side—where a man stands on a platform tying bags. At such a rate does this combined header and thresher do its work, the two men are kept busy tying the bags and dropping them off ready for mill or market. It will be understood that the California header, like the Gallic reaper of the first century and the Bell machine of 70 years ago, goes before the power that drives it. When first introduced, it required six span of horses to push, but four men worked it. One of these combined machines was tried in Dakota, a few years ago, but in places the grain was lodged and the weight of the machine was too heavy for the soft ground. This was simply an experiment made by the manufacturer, to introduce it into the east, but as it can only work in standing grain, it was taken back and no attempt has been made since.

To the "American Thresherman" I am indebted for the following particulars regarding the mode of harvesting on the Pacific Coast. In the great valleys of the Sacramento and San Joaquin, as well in the great flat districts of Washington, grain is cut with the combined header and thresher. The smallest of these cuts a swath 20 feet wide; the wheat heads are elevated into a 32-inch cylinder, the grain is cleaned and pressed into sacks by a sack "jigger." Each sack costs the farmer 7 cents, no small item in his expenses. The power is a team of 32 horses or mules, and will turn out from 1,000 to 1,400 sacks a day. But the larger combined machines cut a swath 12 feet wide. The separator has a capacity of 2,000 sacks per day, and the whole is drawn by an engine of 50 horse-power, with drive wheels 5 feet face and 6 1/2 feet high. Such a machine will cut and thresh from 60 to 125 acres per day, and in cases a quarter of a section. The result on the full sack is securely sewed by a reaper, and is cut with a knife and cast and laid on the ground, ready to be hauled to the mill. The following are the particulars of the machine used in California, and the cost of the same:

6 pitchers at \$2.00 per day.....	\$12.00
1 separator man at \$3.00 per day.....	3.00
1 fireman at \$2.50 per day.....	2.50
1 tank man at \$2.00 per day.....	2.00
1 straw man at \$2.00 per day.....	2.00
Boarding crowd, \$7.00.....	7.00
Oil, 50c.....	.50

Total expenses per day..... \$29.00

"I ran the engine myself, and in the 21 days



BETWEEN WALLS OF 100,000 SACKS OF WHEAT (250,000 BUSHELS), MISSION, OREGON.

made \$2,328.00, leaving \$1,632 for self and machine." OCCA.

**Parasites on Stock.**

When the farmer has the misfortune to get a bad attack of mange among any of his farm animals he usually considers it a sufficiently trying ordeal to deal with even one form of animal parasite. The animals of the farm are known to harbor no fewer than 200 separate and distinct species of parasitic pests! Many of these are but little known, but their presence, always associated with lack of attention to cleanliness, should serve to forcibly bring home to farmers and stock owners how very important it is to keep their stock in a clean, healthy condition. It is a common belief that the only way to protect stock from parasites is to keep them in a clean, healthy condition. This is a mistake. The only way to protect stock from parasites is to keep them in a clean, healthy condition. This is a mistake. The only way to protect stock from parasites is to keep them in a clean, healthy condition. This is a mistake.

engravings will give the reader an idea of the operation which I have briefly described, also the method of stowing the grain after it is threshed, awaiting shipment. The machine shown in the view is such a one as threshed 75,000,000 bushels of wheat in the Pacific States in 1900.

Allow me to conclude this sketch of The Threshing Machine, with a few notes from the log-book of a Minnesota thresher. This thresher used his own men, and ran four weeks last fall:

**Our Little Friends.**

BY MORLEY PETTIT.

You would not think, to look at a plot of ground dotted all over with odd-looking boxes, that you were viewing a city of perhaps three million inhabitants, or to go stealthily, candle in hand, through a dark cellar in winter, that perhaps twenty-five thousand little beings, each with its own life to live, lie sleeping or dozing in each of those silent white hives piled high on every side. How many of those lives will ebb without ever again seeing the light of day! How few, how very few, will gather nectar from summer flowers!

Truly wonderful is the busy bee. The city may have few houses, but I think the inhabitants dwell in flats; and such large families! Mother queen must get tired naming her numerous progeny, for they are born at a rate sometimes as high as three thousand five hundred daily. They are like little human children—the way they help around the house, at first minding the babies, helping to set table, and wiping dishes. By and by they learn to play out of doors on fine days, and to carry in water and things from the garden for dinner. Then away they go to the fields to work in the harvest. Poor workers, they are more industrious than some humans I know, for they wear themselves out at their task. That is, the daughters do; the boys are worthless ne'er-do-wells, who will do nothing to help support their sisters nor their widowed mother.

Beedom is a busy world, and many trades are represented there. First is the trained nurse, who has never attended a children's hospital, yet understands perfectly the care of little ones, and always knows whether to administer castoria or force. Her royal majesty, ever busy with her eggs, is constantly in the hands of these nurses, who serve her with food ready to eat, pure, predigested, thoroughly cooked, scientific and hygienic. Then there are wax-workers, who make cradles for the youngsters, and wax cans in which to seal up honey brought from the fields by harvesters and ripened by long nights of sleepless fanning of wings. Others provide electric fans, which serve the double purpose of evaporating nectar and producing a current of pure air through the hive. But time and space forbid my telling of chemists, decorators, chamber-maids, scrub-ladies, policemen, executioners, undertakers, etc., etc., etc., who make that white-painted box truly a hive of industry.

It is a land of bachelors and maids, for the latter are so busy seeing after the matrimonial affairs of their friends, the flowers, that they give no thought to their own. I really believe they don't take any interest in the drones—have no use for them, in fact. And small wonder; are they not simply fat, lazy fellows, living on what others have earned? Now, the drone would not seriously object to having someone to attend to his mending regularly, and keep his buttons in place; but there really are so few eligible young ladies, what's a fellow to do?

Occasionally, one who, but for her early training, might have been a worker, goes out into society and allows herself to be wooed and won by "the only man in the world." Henceforth her life becomes very different from that of her sisters. She settles down to be a keeper at home, and only on great occasions does she ever again step outside the door. Very haughty and dignified is she, and jealous of her position in the home. She cannot tolerate another madam, unless it be her aged mother, who may be allowed to live in peace for a time. Her daughters worship the very ground on which she walks, and if by any chance she is removed from them they cannot be comforted until she is returned or they are assured that her place will soon be filled.

How nearly human are our little friends, and yet they are only bees.



COMBINED HARVESTER AND THRESHER, CALIFORNIA.



From the painting by Paul Wickso.

LIEUT.-COL. H. M. PELLATT'S "PRINCE," WITH THE CANADIAN CONTINGENT IN THE CORONATION PARADE.

**Farm Life.**

This is a subject that bears much discussion, as so much depends upon the circumstances of the farmer. Life to a great extent is what we make it, either on the farm or in any other business. We may enjoy our blessings and privileges by looking on the bright side, or we may, by taking a dark view of our circumstances, lose all that is the brightest and best. Nowhere on earth will one find a more ideal spot for a home than on the farm, where the husband and wife can gather their family around them and feel that the children are safe from the many temptations that are so enticing to the young people of our towns and cities.

What is more enjoyable than a pleasant sitting-room, well lighted and heated, on a cold winter's night, with good books, papers and magazines to read, giving the current news of the day and the best thoughts of our best writers? Where can more pleasure be found than outside, in the cool of a summer's evening, drinking in the pure air and enjoying the peacefulness of the country, away from all disturbing influences?

There is one thing connected with life on a farm that is of peculiar interest to the farmer's wife: she can enjoy the society of her husband and children much more than if living in town, where parties and clubs take them so much from home.

I think farmers and their families have the best opportunity of any people living to inform themselves on all the problems of life, because their natural surroundings are pure, and living on the farm, their evenings can be devoted more entirely to reading and studying. If they improve their opportunities, they may become the most intelligent people on earth. Many of the leading men and women of the world to-day were born and brought up on farms. Who can complain of loneliness with the companionship of book friends, and where children make the home bright and merry with games and music.

"What about the hard work of the farm, and scarcity of hired help?" may be asked. It is quite true there is much hard work on the farm, both outside and in the house, and the farmer's wife cannot always get help, and must herself work more than she otherwise would. If she

does the extra work, when forced to depend upon herself, in a cheerful way, making her work as light as possible, she gets through with it very nicely, particularly when there are hired men to do the heavy work, such as bringing in wood and water, turning the churn, etc.

I do not think the farmer's wife suffers more in this respect than do many people living in towns, where the servant-girl problem is as hard to solve, and the wife of the merchant or professional man may be forced to do the work in her kitchen or leave it undone. It is often said that people living on farms have no social life. Oh, yes, they have! Intelligent people are found

as much on the farm as in the town, and social life is not confined to parties and dancing, cards, and other indulgences of a like nature. Intelligent conversation affords much greater pleasure to many than the small talk indulged in so much at social functions in towns and cities.

There are growlers living on farms, and growlers living in many of the mansions in towns. Farm life may be distasteful to people who can find no enjoyment in any position, but it is the fault of the person, not the life itself. There are times on the farm, as there are times in any business of life, when extra work leaves very little time or inclination for recreation, but those times on the farm are exceptional, not the rule. If one makes a success of anything, there will be periods of hard work, and just hard work alone, and the farm is no exception.

In the winter, seven o'clock in the evening should see the work all done, and the family ready for enjoyment, either at home or mingling with their neighbors. Where will one find more real cordial hospitality than amongst farmers? They mean what they say, and welcome you to their homes with real pleasure. I have not lived on a farm many years, but long enough to know there is more real happiness on a farm than anywhere else in the world.

Regina, N.-W. T. (MRS.) E. A. POPE.

**Strange Behavior.**

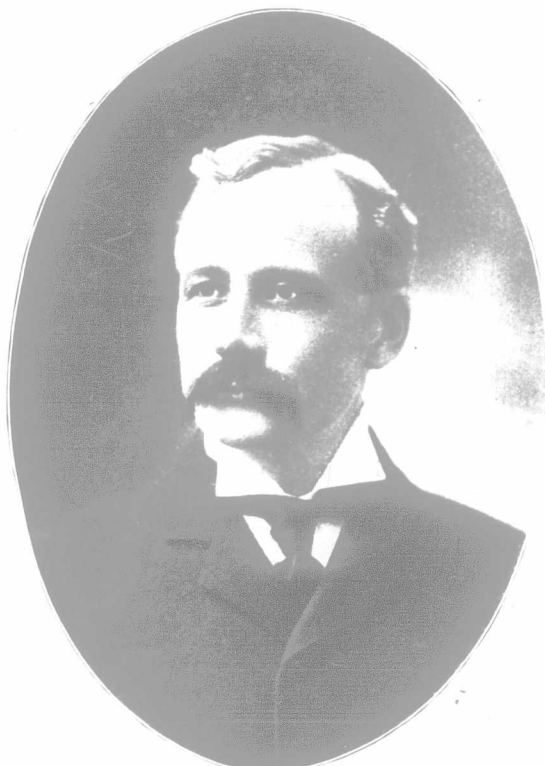
A mirth-provoking scene once took place in the palace of a former Duke of Hamilton.

The duke had invited one of his neighbors, a plain-spoken laird, to stop at the palace for luncheon after the conclusion of a business transaction.

The laird was not used to the luxuries of life, and watched with an impatient eye the flitting about of a liveried servant who seemed to be everywhere at once, anticipating the laird's wants in a way that struck the rustic as positively insane.

At last the guest turned deliberately about in his chair and addressed the servant in a tone of considerable irritation.

"What are ye doing, dander, dander, dander about the room for, man?" he demanded. "Can ye no draw in your chair and sit down? I'm sure there's enough on the table for three."



PROF. G. E. DAY, Agriculturist, Ontario Agricultural College.





### Miss Muntz, Artist.

Miss Laura Muntz, A.R.C.A., O.S.A., is one of the foremost painters in Canada. She commenced her art studies in Toronto, Ont., and about 1890 went to Paris, where she stayed for six years, working in some of the prominent French studios. On her return to this country she was at once recognized as a new and strong force in art circles. She excels in portraiture and figure work, her paintings of child-life in particular being very fine. Whatever she undertakes is executed with the vigorous touch of the accomplished painter, and is at the same time replete with the finer qualities which are only associated with the highest grade of art. The engraving of the young girl feeding the goat gives an idea of one type of her work.

### The International Live-stock Exposition.

Again the International Live Stock Exposition, annually held in Chicago, is past, and again has it been a great success. Long to be remembered by breeders and feeders of live stock on this continent is the big show which closed on December 6th. Since the inception of this Exposition in 1900, and the success which crowned that initial event, all eyes have turned upon Chicago, the Hub of Cattleland. State shows may have their winners; the east or west may claim supremacy in any breed; and local stockmen may boast of the excellence of their herds and flocks, but at the International must every competitor for continental championship stand or fall. The honors there won are final. So it is that each year the finest specimens of each breed to be found in the land find their way to the Union Stock-yards Auditorium. Most liberal prizes are there offered, and in every way breeders are encouraged to come forward with their best stock most highly fitted.

But it is not merely the excellence of the animals shown that makes the International great, it is its magnitude. From all corners of the United States and Canada, this year, they assembled until a grand total of more than 600 draft horses, 1,100 cattle, 1,050 sheep and 450 swine, not including hundreds of animals in the car-lot and dressed carcass competitions, was comfortably housed. The weather was, for the most part, quite agreeable to visitors, and although a fee of 25 cents was collected, it is estimated that at least 350,000 persons passed in to inspect the great exhibition of live stock.

#### THE CANADIAN CONTINGENT.

As visitors, Canadians were there in goodly numbers, but hundreds who have never yet seen the International should have crossed the line this year. It was as exhibitors, however, their presence was most felt, as the prize list will clearly show. In horses, Graham Bros., Claremont, Ont., were out in force with Clydesdales. Wm. Martin, St. Jean, Man., had a choice lot of Galloways; H. D. Smith, Compton, Que., a few Herefords, and Jas. Rennie & Son, Blackwater, Ont., some fat Shorthorns that were a credit to the land of their breeding. In all the leading breeds of sheep, Canada was well represented. The Shropshire entries had such names as J. G. Hammer, Mt. Vernon; Jno. Campbell, Woodville; Richard Gibson, Delaware; Lloyd-Jones Bros., Burford, all from Ontario. South-downs were shown by F. E. Came, St. Andrews, N.B.; Geo. A. Drummond, Huntlywood, Pointe Claire, Que., and Teller Bros., Paris, Ont. Hampshires by Jno. Kelly, Shakespeare, Ont., and M. H. Cochrane, Hillhurst, Que. Dorests by R. H. Harding, Thorndale, Ont. Cotswolds by Elgin F. Park, Burgessville. Lincolns by J. T. Gibson, Denfield, Leicesters by A. W. Smith, Maple Lodge; A. & W. Whitelaw, Guelph; Jno. Kelly, Shakespeare; and Orr & Lillico, Galt, Ont. In swine, Norman M. Blaine had a splendid herd of Tamworths, and while, for the first time in three years, no Yorkshires from Canada were there, yet the principal exhibitor, Thos. H. Canfield, Lake Park, Minn., had considerable blood and a number of animals from the pens of D. C. Flatt, Millgrove, Ont.

#### HORSES.

"A horse, a horse, my kingdom for a horse!" was not heard at the International this year. Equine beauty was there to excel itself. The show of Clydesdales was a grand one in every respect, far exceeding former shows. The entries numbered ninety, among which were several heroes of previous show-ring contests. To Robt. Beith, Bowmanville, was given the honor of placing the ribbons, a duty, which his long experience in the show-ring enabled him to discharge with considerable satisfaction. In mature stallions the competition was keen, and when Young Macqueen, the champion at Toronto Industrial, was placed at the head, his owners, Graham Bros., Claremont, had just reason to feel proud. This horse has previously been described in the "Farmer's Advocate," and it is sufficient to say that his wonderful quality and Clyde character was too much for his competitors. Later, he was successful in winning the championship for the best stallion any age, and the silver challenge cup given by the Clydesdale Association. The winner of these honors in 1901, Prince William, owned by Alex. Galbraith & Son, Janesville, Wis., was on exhibition, but for some reason was not a competitor in this class. He, too, is an animal possessing many commendable characteristics, and had he been in the ring Young Macqueen would not have had an easy victory. Second in this class went to Pleasant Prince



From a painting by Miss Laura Muntz. GIRL FEEDING GOAT.

owned by C. E. Clarke, St. Cloud, Minn., and third and fifth to Alex. Galbraith, on Concord and Magnet, respectively.

The three-year-olds were a mighty strong class, both in numbers and quality, and one which it was not easy to place. Alex. Galbraith & Son got away with first on Sturdy Royal, a right good stamp, and fourth on Gay Knight, also a grand horse. McLay Bros., Janesville, Wis., were second with Prince Grandeur, and Graham Bros. fifth on Foremost.

The two-year-olds came out eight in number, each one possessing almost the form and muscular development of aged stallions. There was not a poor one in the bunch. Matchless McGregor got first and Sir Walter fourth for C. E. Clarke, St. Cloud, Minn.; Prince Elegant, a roan, second for McLay Bros., and Craig Stamp fourth for Graham Bros., with Alex. Galbraith & Son's entry fifth.

In yearlings, Clarke was first, and Graham Bros. second with Macqueen's Best.

A hotly-contested ring was the one for aged mares, some of the finest specimens ever seen in an American ring coming forward. Robt. Hallaway, Alexis, Ill., had the premium winner, and also the champion female of the show, in Lady Superior. The Galbraith string followed closely for second and third on Lady Ice and Princess Alix. The latter has won many premiums at Scottish shows and is the dam of some good ones. In foals, Graham Bros. got first with Princess Macqueen, one of the grandest youngsters that ever graced the International or any other show-ring. The same exhibitors also won first for best four animals and second for two the rest of one sire.

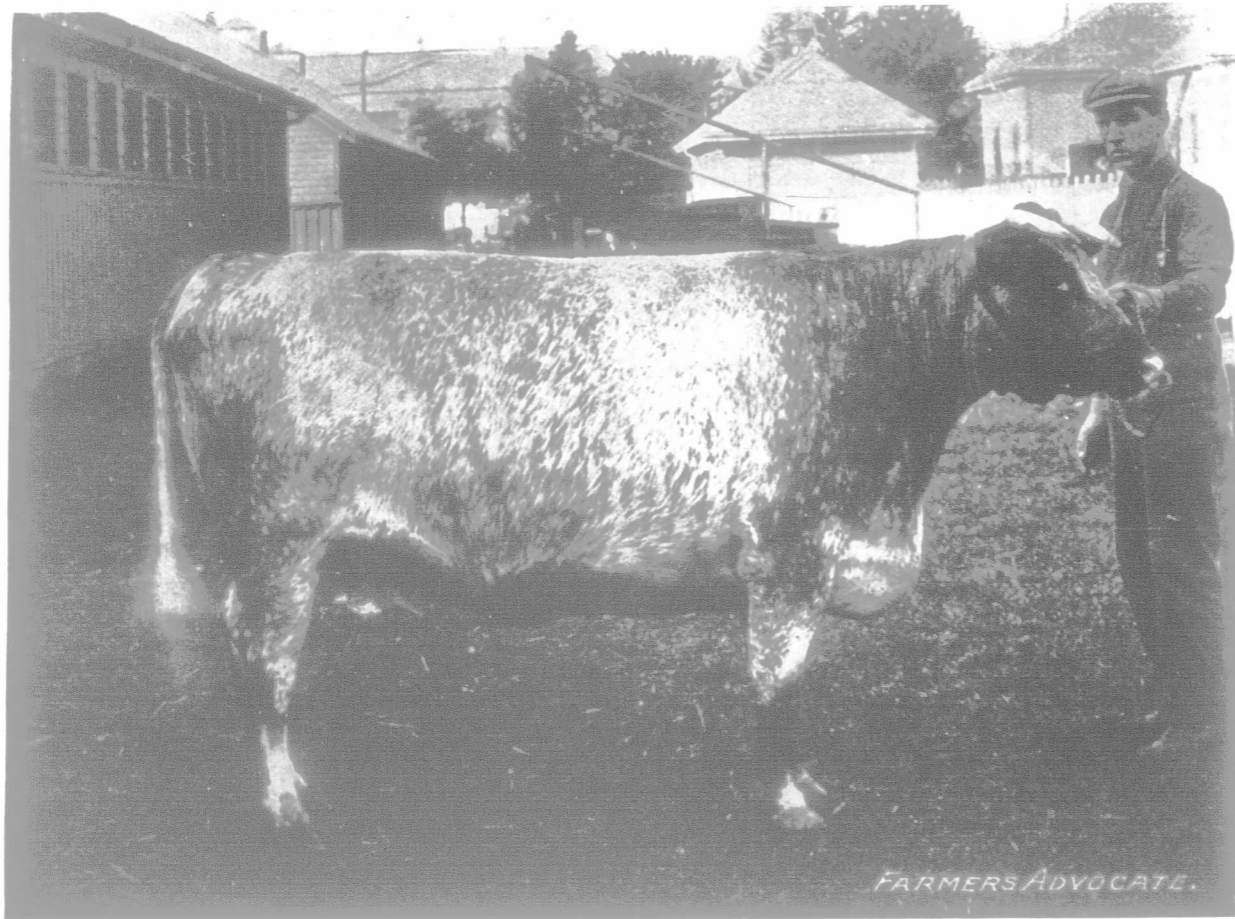
This year, Shires came forward stronger than ever, and it would appear that they are now gaining in popularity with Americans. The aged stallion class was the most interesting of the lot, the entries amounting to twenty-two, but being rather deficient in quality. The pre-eminent features of this breed, as exhibited, were heavy bone and great weight of body, with rather less action than the Clydesdale. Trueman's Pioneer

Stud Farm had somewhat the best lot of animals on exhibition, and to their stable went the first premium for aged stallion, and also the championship for best Shire mare.

In Percherons, the show was pronounced by old horsemen as the best ever seen in this country. They were by far the strongest class of horses on exhibition. Altogether, 178 were shown, and of that number the old firm of Dunham, Fletcher & Coleman contributed 62, and won a large bulk of the prizes. In every section there was a spirited contest to get inside the money. The two-year-old stallions led in this respect, with 52 candidates, and amongst the number were some beauties that had to go unplaced.

Suffolk and Belgian horses were also shown, the latter numbering about 100, among which were some very useful-looking drafters.

No part of the Exposition affords more interest, nor, indeed, excitement, for visitors to the Big City than the competition of draft horses in harness. It is there that the big meat-packing concerns, backed up by unlimited capital, strive for supremacy. They must have the best, regardless of cost. It is also a battle between two great draft breeds, the Clydesdales and Percherons. Nelson, Morris & Co. and Libby, McNeill & Libby were champions for the former, and Armour & Co. and Swift & Co. for the latter. While considerable interest was taken in both two and four horse teams, it was in the contest for six horses to one wagon that the climax came. It was a magnificent sight. Each of the four companies mentioned were out with their best; they were not there to be defeated, but someone had to lose. To Prof. Curtis, of Iowa, was given the task of placing the ribbons, and he did it well. It was generally expected that Nelson, Morris & Co. would win, and they did. A grand team they were, having bone, quality and action in a degree not to be surpassed. In next place came the Armour Percherons, also a grand lot, but excelled by the winners in style and conformation. Libby, McNeill & Libby followed, and Swift & Co. had fourth place.



**CRIMSON FUCHSIA 13TH.**

Senior champion Shorthorn female at Toronto Industrial Exhibition, 1902.  
OWNED AND EXHIBITED BY W. D. FLATT, HAMILTON, ONT.

**CATTLE.**

The immensity of the cattle show at this exhibition cannot be comprehended by one who has never had the pleasure of its inspection. The exhibit of 1900 was wonderful, 1901 was better, and this year a general improvement was quite evident. Great changes have been made during the past season with a view to giving the bovine tribe better accommodation. The buildings formerly occupied by the sheep and swine have been remodeled to suit the great beef-producing interests of the show, but, notwithstanding these changes, the available space was pretty well filled. In pure-bred cattle there were 898 entries, representing 167 exhibitors, and 237 fat animals, shown by 117 different stockmen.

**SHORTHORNS.**—Although no Canadian entries were made in Shorthorns, there were among the good ones a few once owned within the Dominion. In aged bulls, Choice Goods, imported by W. D. Flatt, Hamilton, Ont., but now the property of Col. G. M. Casey, Clinton, Mo., was an easy winner in his class, and also for the sweepstakes. He is an animal possessing the best of breed character, being smooth, broad, deep, and thick-fleshed. His quality is simply superb, and instead of second place last year, it is the opinion of the best breeders that at that show he should have been first. At all the State fairs he has been leading this year, and now he has reached a climax in American Shorthorn prizewinning circles. The second-prize bull, Master Archer, is also an animal of high merit, but scarcely equal to Choice Goods in general quality. In two-year-olds, eleven entered the ring, and they were all grand ones. W. F. Christian & Sons, Indianapolis, had the favorite in Royal Avalanche, and D. R. Hanna the second choice in Nonpareil of Clover Blossom. The senior yearlings were not strong this year, only three coming forward to claim the honors. The juniors were out in greater force, and a creditable showing they made. Geo. Harding & Son got first on Ceremonious Archer, and J. G. Robbins & Son second on Pluto of Dalmey. First in senior bull calves went to H. D. Parson's (Newton, Iowa) Nonpareil King, and in juniors the same place was given Royal Wonder, a very promising youngster, owned by C. E. Clarke, St. Cloud, Minn. D. R. Hanna was second with Stars and Stripes, and Geo. Bothwell third with Clover Blossom. This was probably the strongest class of the Shorthorn show, and several good ones had to go away unplaced.

The class for aged females is always one that commands more than ordinary attention, and this time it was no exception. Not that Cicely, the noted champion, was there, because her show days are now over, but because others have risen to take her place. At various State fairs during the past fall the fat-famed Roberta has had a strong competitor in Village Rose, owned by D. R. Hanna, Ravenna, O., and on one or two important occasions the latter received the best premium. She is a low-set, thick-bodied, evenly-fleshed cow of somewhat better finish than Roberta, but perhaps not superior to what the Ohio cow does well. However, great was the surprise of those present when Village Rose, in response to a protest that she would not breed, had to be withdrawn from the ring. Roberta was still hard chased by Miss Wrentham, owned by H. W. Bowen, Delphi, Ind., but she was far from being a match for her rival, and would have shared

her ahead, but the judges, Messrs. Tom Clark, Dustin and Miller, thought differently.

The two-year-old heifer class was considered the best of the Shorthorn show. In it was found the



**SHAMROCK.**

Grade Angus steer. Grand champion in fat-stock classes at International Live Stock Show, Chicago, 1902.  
BRED AND EXHIBITED BY IOWA AGRICULTURAL COLLEGE.

champion female of the breed, D. R. Hanna having the lucky number in Village Belle II. This young cow is a grand one, being from head to foot an almost perfect Shorthorn. E. W. Bowen got second on Vain Beauty, and Col. Casey got third with Clarissa. There was not one in the ring that was not creditable to their owner. Senior yearling heifers were scarcely less interesting than the preceding class. Eleven in all came out, and amongst them were many full of promise. Bowen won first on Queen of Beauty, a well-formed specimen. Wrentham & Son, second, and Geo. Harding, third, on Cluster Girl, by Knave. Dalmey, a promising two-year-old, was imported from Iowa, and owned by W. F. Christian & Sons, Indianapolis, Ind. Mr. W. F. Christian & Sons, Indianapolis, Ind., also exhibited a fine lot of pure-bred cattle, including a number of Shorthorn yearlings and heifers, and a number of pure-bred cows and calves. The show was a great success, and the cattle were well cared for and exhibited in the best possible manner.

present owner. She is a daughter of the famous sire, Silver Plate.

**HEREFORDS.**—There was a grand show of the whitefaces this year; several good judges placing it ahead of 1901, and the strongest cattle feature of the show, but scarcely equal in quality to the exhibition made two years ago. The most sensational animal to enter the ring was Britisher, a five-year-old bull, weighing 2,800 pounds, recently imported by Geo. Leigh, Aurora, Ill. His wonderful smoothness and strength of bone, when combined with such great weight, made him an easy winner in the aged bull class and also for championship male of the breed. Columbus, shown by Frank Rockefeller, Kansas, was second, and Protection, owned by F. A. Nave, Attica, Ind., third. In two-year-olds there were a number of good ones, quite equal in general breed character and quality to any heretofore seen in that class. Senior and junior yearlings and calves were also a grand lot, but it was rather significant that few of the winners were bred by the champions of previous shows. In one or two cases only did the noted Dale or Dandy Rex have representatives to the front. Of the high character of these classes it is sufficient to say that Rex Maximus, recently sold at Kansas City for \$975, was obliged to take fifth place in the section for senior yearling bulls.

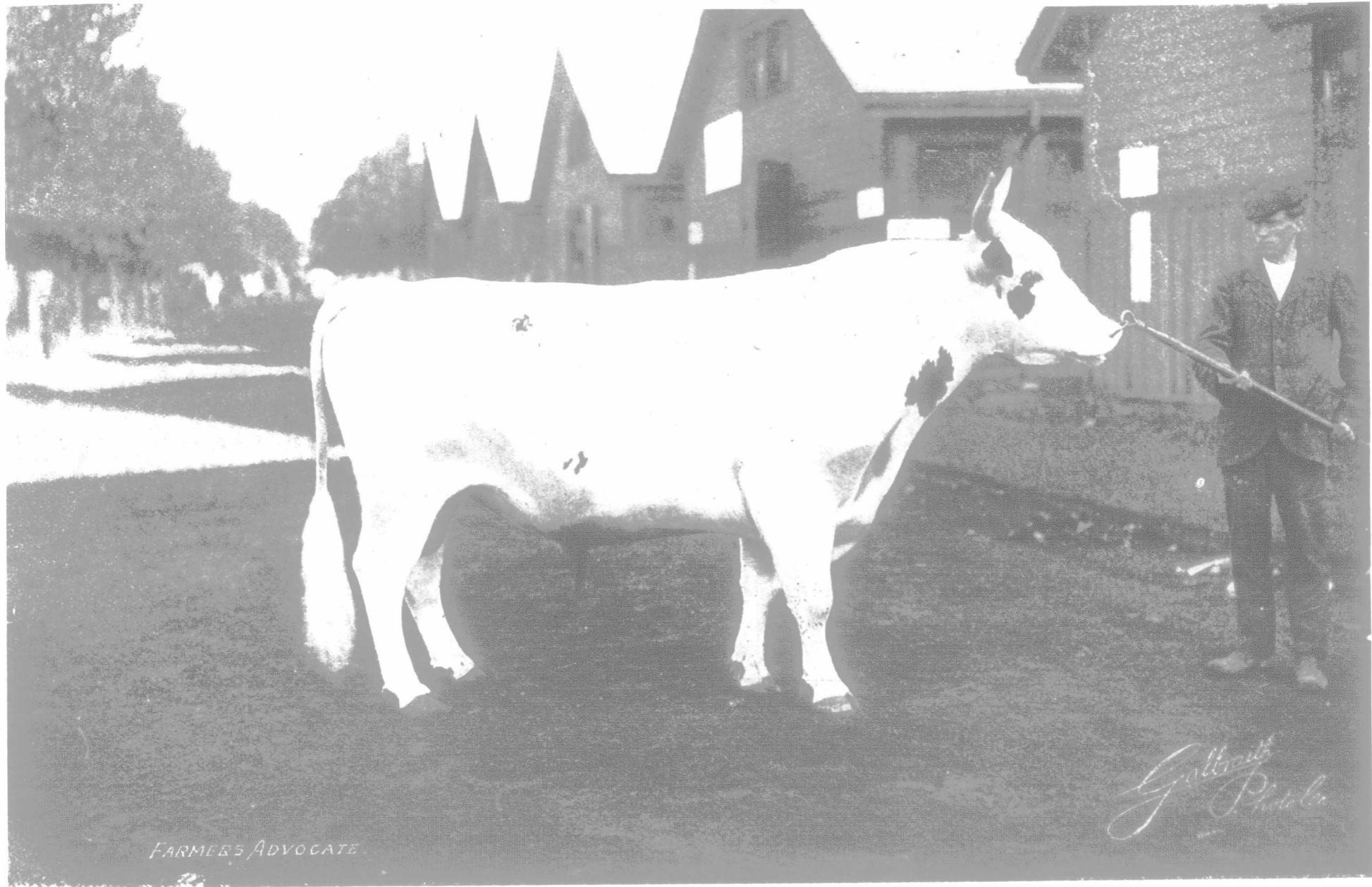
The various female classes of Herefords were no less praiseworthy than the males. In the two-year-old ring, the champion of the breed was found in Queenly, a deep, thick-bodied, low-set heifer, carrying a wonderful covering of flesh, with great smoothness. The junior champion, Beau's Queen, is a half-sister to this animal, both being out of Fowler's Queen, a prizewinner at the World's Fair, 1893, and later at the Trans-Mississippi Exposition at Omaha. It is seldom that such a noted cow becomes the dam of progeny so distinguished. The directors in charge of the Hereford show were not slow to appreciate a good thing, for upon seeing the long line of two-year-olds, most of them of rare excellence, they promptly added seven prizes to the list, making eighteen in all. The only Canadian exhibitor of this breed was Mr. H. D. Smith, of Compton, Que., and he had only three females, which were taken over to the sale and which were subsequently disposed of at very satisfactory prices.

**GALLOWAYS.**—Excellence excelled would scarcely describe the Galloway exhibit this year. Mr. Jas. Liggar, Dalbeattie, Scotland, a noted breeder of the woolly blacks, who was over judging the fat classes, said it was the best show of Galloways he had ever seen, and truly this breed has improved greatly during the past two years, as seen at the International. Mr. Wm. Martin, of St. Jean, Man., had a number of grand ones on exhibition, and secured many good prizes. In two-year-old bulls he was very strong, and succeeded in capturing both second and third prizes. In two-year-old heifers also, where the competition was unusually keen, his Ella 3rd Hensall got third place. Other Canadian exhibitors who contributed to making the show a great one were T. Lloyd-Jones, Burford, and Shaw & Marston, Brantford.



**BEST PRIZE GALLOWAY TWO-YEAR-OLD ABERDEEN-ANGUS STEERS**

Owned and exhibited by Messrs. International Live Stock Show, 1902.  
BRED BY MESSRS. W. C. FISCHER, BOTNA, IOWA.



IMP. DOUGLASDAIE (3954) —12212—  
Champion Ayrshire bull, and head of first-prize herd, Pan-American Exposition, 1901, and Toronto Exhibition, 1902.  
PROPERTY OF MR. W. WATSON OGILVIE, LACHINE RAPIDS, QUEBEC.

**ABERDEEN-ANGUS.**—The smooth-bodied, low-set doddies were again well to the front this year. The catalogue showed no less than 35 exhibitors, with 175 entries in the pure-bred classes and 23 in the section for fat animals. The competition for honors was, hence, very keen, but although it was considered the finest array of the breed seen anywhere this year, it could scarcely be considered much improvement on the exhibit made at the International on previous occasions. The winning aged bull was Bradfute's Valiant Knight 2nd, and in two-year-olds, Donahue's Black Woodlawn. The latter was later placed as champion male of the breed. For senior yearling bull, Bradfute again came in for first, with Lucy's Prince.

A wonderfully fine lot of females were shown, with the result that really choice animals had to go away without colors. C. H. Gardner, Blandenville, Ill., had Vaia, the best aged cow, afterward declared the champion female; and W. A. McHenry, Denison, Ia., the second; while M. A. Judy & Son, Williamsport, Ind., came in for first on two-year-old heifer.

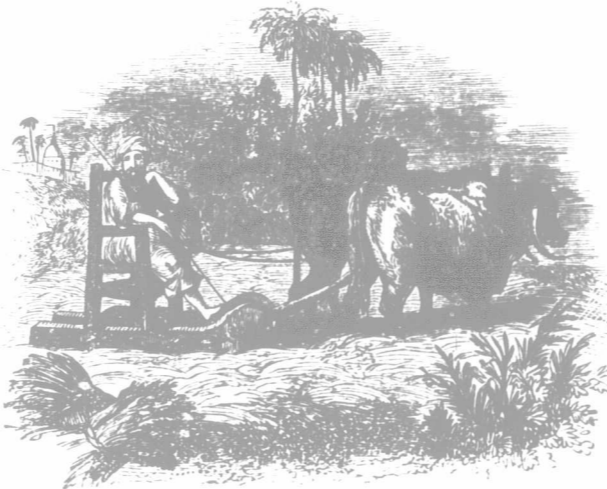
Of the other breeds there was a sprinkling of Red Polls, Polled Durhams, and Devons, each of which had specimens approaching somewhat closely the so-called dual-purpose type. In this respect the Red Polls seemed to excel, for when the thousand dollars in prizes had been distributed for the best farmer's cow, according to a scale of 25 points for the cow, 40 for her calf and 35 for her butter record, it was found that they had captured everything except second place, which went to a Shorthorn from Iowa State College.

**FAT CLASSES.**—In fat stock, prizes were given according to ages for the best in each breed, and also in separate classes for grades and crosses. Then, for the grand championship, the winners in each class were allowed to compete. Hence, the different breeds came into competition, and the greatest but, happily, the most friendly rivalry existed. Two years ago the Angus men had the winner; and last season the Hereford was king, so it was now time for the Shorthorn people to appear, but although they were on the scene with a few representatives having quality and a finish that would do honor to any breed, they were obliged to give way to the historic Doodie. Strange to say, it was an agricultural college that could boast of having grown and fitted Shamrock, the winner, and hence those who have heretofore tried to make believe that such institutions are merely theoretical and scientific and thoroughly unfitted to do anything worthy of mention in a practical way, need not a word of mention. From the "hawk-eye" State of Iowa came this sensational champion, also named by some reports to be the best steer ever seen. And in the fat classes for registration, this animal was particularly described, being from a registered Ayrshire and a seven-eighths-bred cow. He was three years and two

months old when shown, and weighed 1,805 lbs. At public auction, he was sold for 56 cents per pound.

In fat Shorthorns under three years old, Jas. Rennie & Son, Blackwater, Ont., showed Lord Hamilton, and were beaten for first place only by Iowa College with the stall mate of the champion Shamrock. Thus, Messrs. Rennie were debarred from showing for the championship, and it was said by some knowing ones within the inner circle that had the judge in the championship class been the awardee in this section as well, Canada and the Shorthorns would have had the distinction of winning the highest honors of the show. For steer or spayed heifer under two years, Messrs. Rennie were fifth in good company, and in yearlings, second.

The sweepstakes for the best carload of fat steers also went to the Angus, a bunch of fifteen high-grade two-year-olds, shown by C. E. Escher, Botna, Ill., being the winners. Col. Casey, Clinton, Mo., was a very close second with a grand bunch of Shorthorns.



AN ANCIENT THRESHING OUTFIT.

**SHEEP.**

No department of the International showed greater improvement since last year than the sheep. The directors of the Exposition appeared to have anticipated this and greater and better accommodation for the best flocks of the continent was the result. The new apartments are situated on the second floor of the annex to the horse barns, and, although the pens are not so large, there is splendid ventilation and room to be had. Since the World's Fair, Canadian men have been making themselves felt at the best American shows. The two previous ex-

hibitions at the Union Stock-yards found their favorites adorned with ribbons of the brightest hue, and this year, although the competition was the keenest in many respects ever seen in any ring on this continent, they again took a prominent position. It was, however, noticeable that the improvement in the sheep exhibit was not due to a stronger contingent from north of the international boundary, but to the Americans themselves. A greater interest than ever is being taken by them in the breeding and importation of high-class stock, and if this development goes on for a few more years Canadian sheep breeders may be pushed for their laurels.

Shropshires were considered the strongest class of the show. Jno. Campbell and D. G. Hammer came out with a few good ones, but G. Howard Davidson, Millbrook, N. Y., and Geo. Allen, Allerton, Ill., were too well prepared to be beaten without a fight. The former won the championship for ewe and the latter the same distinction among rams. Jno. Campbell's Pan-American and Chicago winner in the open class last year was placed third. He also stood fourth in a ring of fifteen ewe lambs, and for flock of ram and two ewes he was fourth and Hammer fifth. The latter was also fifth in ram lambs, and won the same distinction in hot company for ewes, both lamb and yearling. Richard Gibson came to the front and took second place for four lambs from one ram. In the special prizes given by the Shropshire Association, Jno. Campbell got second for aged ram, fifth for aged ewe, and third for flock. Hammer also captured fourth on aged ewe.

The contest for Leicester honors was practically Canadian: A. W. Smith, Maple Lodge; A. & W. Whitelaw, Guelph, and Jno. Kelly, Shakespeare, Ont., being the principal exhibitors. It was, indeed, a grand show, and not a really low-grade specimen was to be seen. Prof. Shaw, Minnesota, did the placing. A. W. Smith was first for aged ram, and Whitelaw second; Jno. Kelly first for yearling, and the Guelph flock second and third. In aged ewe Smith was first and third, and Kelly second. In ewe lambs the same order prevailed, and for flock the standing was Smith, Kelly, Whitelaw. Four lambs from one ram found the rating the same, with Smith a winner for both male and female championships and the Leicester Breeders' flock prize.

The Cotswold ring was scarcely so well filled as the preceding one. Geo. Harding & Son got away with most of the prizes for rams, but Eben F. Park, Burgessville, Ont., came in for first on aged ewe and third on ewe lamb, while for flock prize, and also that for four lambs from one ewe, he was second.

In Lincoln, J. T. Gibson, DeWolf, Ont., was the whole thing. He had, apparently, put his competitors out of his pens as far as the Cotswold show is concerned, because they were not there. His flock was in



ROYAL HOTEL, 'DOUKOBERVILLE.

good shape, and richly deserved the prizes which they so easily won.

The Oxfords were out this time stronger than ever, and came almost being the most praiseworthy lot to enter the ring. In rams over one year, there were six that weighed eighteen hundred, and the task of placing them, as performed by J. E. Cousins, Harriston, Ont., was no joke. The notorious Dick Stone, of Stonington, Ill., showed the champion ram, and Geo. McKerrow & Sons, Sussex, Wis., the best female. No Canadian breeders were there save as spectators.

R. H. Harding, Thorndale, Ont., made a good show of Dorsets, and won the following prizes: First and championship on ram lamb, first on ewe lamb, and second for flock, and the same for four lambs from one ram. His principal competitors were Paden & Perkins, Kasbeer, Ill., and J. E. Wing & Co., Mechanicsburg, O.

Jno. Kelly, Shakespeare, and M. H. Cochrane, Hillhurst, Que., represented Canada in the Hampshire ring, where the finest specimens ever seen at an American show were to be seen. Kelly got second in the Association special for yearling ewe and third for ram lamb; while the Cochrane flock captured second for ram lamb, second on Association special for ewe lamb, and third for the same in the open class, as well as a similar position for flock.

The show of Southdowns also came in for the distinction of being the best ever seen at the International. Here, too, Canada figured quite prominently, being upheld by the flocks of F. E. Came, St. Andrews, N. B.; Geo. A. Drummond, Huntlywood, Pointe Claire, Que.; and Telfer Bros., Paris, Ont. In yearling rams, Drummond took second and third, and for ram lambs Came was first and second, while Drummond stood third. Drummond also secured the championship on ram, and the New Brunswick flock first on ewe lamb. For best four lambs, Drummond was first and Telfer third. The awards for best flock occasioned not a little surprise and, indeed, controversy, but the judges' decision had to stand as follows: Geo. McKerrow & Sons, Sussex, Wis., first; Drummond second, and Came third.

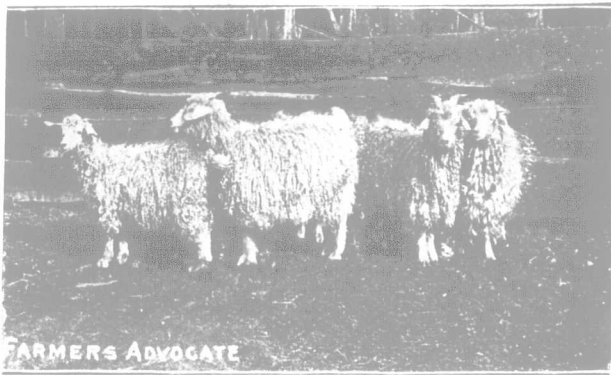
The display of fat sheep this year was truly a most creditable feature of the big show. Altogether, the entries amounted to over seven hundred, and to that number Canadians contributed their share and were rewarded accordingly. In Shropshires, R. Gibson went away with every first prize he tried for. He also took three championships, besides a few seconds and thirds. Jno. Campbell, likewise, did well, and J. G. Hamner got within the money. In fat Leicesters, Smith, Kelly and Orr & Lillis took everything in sight. Elgin F. Park got a good thing in Cotswolds. Telfer Bros. and Drummond in Southdowns, and R. H. Harding in Dorsets; while Jno. Kelly, with his fat Hampshires, succeeded in landing championship for wether and a few other good ones.

SWINE

His porcine majesty, like his hairless neighbor, the sheep, also found new quarters on the second floor of the old horse barns. Here he revelled in comfort with in easy view of the thousands who daily gathered for his inspection. The show of hogs was somewhat weaker this year than in the past, and very largely to the detriment of "showers," which, says breeders, say, is continually lurking in the background. As a result, some novel breeds were shown. The only Canadian exhibitor was Norman W. Brown, of Georgetown, and a pair of his "Lancashire" hogs, which were well shown, were awarded a prize. The "Lancashire" hogs, which were well shown, were awarded a prize. The "Lancashire" hogs, which were well shown, were awarded a prize.

LIVE-STOCK SALES.

At the live-stock sales held during the show, under the auspices of the various breeders' associations, the prices realized were scarcely so high as those of 1901. Shorthorns had an average for seventy head of \$390.



REGISTERED ANGORA GOATS. Owned by A. P. Hagerman, Leonard, Michigan.

The top price, \$1,000, was paid by W. D. Flatt, Hamilton, Ont., for the three-year-old cow, Princess of Pitlivie 2nd. Other Canadian buyers were W. G. Pettit, Freeman, Ont., who paid \$500 for the yearling heifer, Duchess 2nd. Both these females were consigned by C. E. Clarke, St. Cloud, Minn. Col. McGillivray, UX-

bridge, Ont., bought the six-year-old Rosemary 200th for \$500, and Andrew Graham, Pomeroy, Man., the two-year-old Cowslip for \$350.

The average of the Aberdeen-Angus sale was \$324, the highest-priced animal being Imp. Queen Mother, which went to O. G. Callahan at \$3,500. The Galloway average for forty-six head was \$218. To this sale Wm. Martin, St. Jean, Man., contributed quite a number, and the prices realized were considered satisfactory. The Hereford men also disposed of ninety-four head at the rate of \$323 each. A large number of hogs changed hands without any sensational prices being paid.

COLLEGE COMPETITIONS.

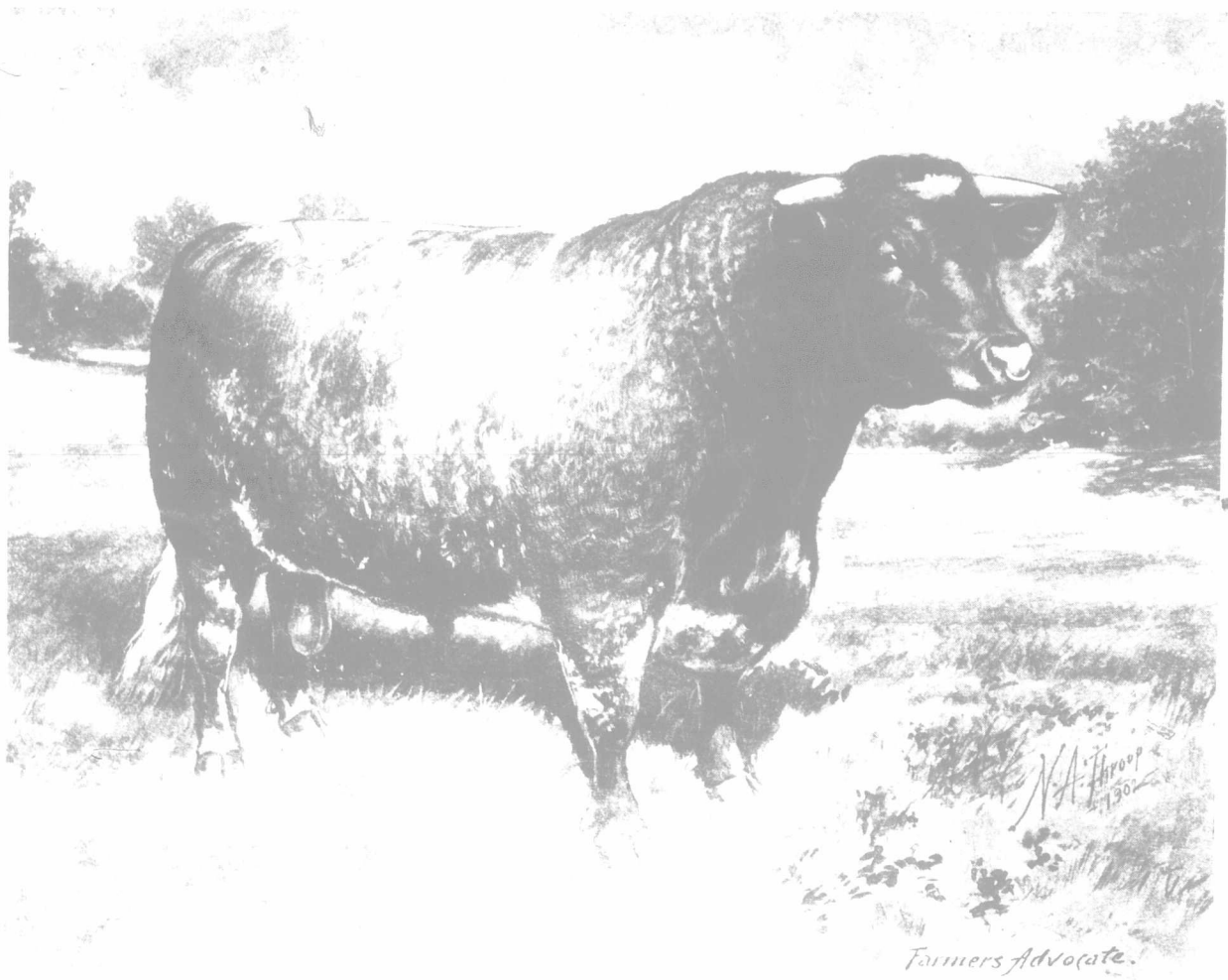
The Agricultural Colleges of Iowa, Wisconsin, Minnesota, Missouri and Nebraska entered into competition in the show of live stock. In cattle, Iowa won easily, as she did also in the open ring against the different breeders. Wisconsin came first in sheep, with Minnesota second. Very creditable exhibits of swine were made by Iowa, Wisconsin and Minnesota, and it is quite evident that each of these institutions is doing a grand work in improving the live stock of the country, and in training young men to feed for meat production.

STOCK JUDGING CONTEST.

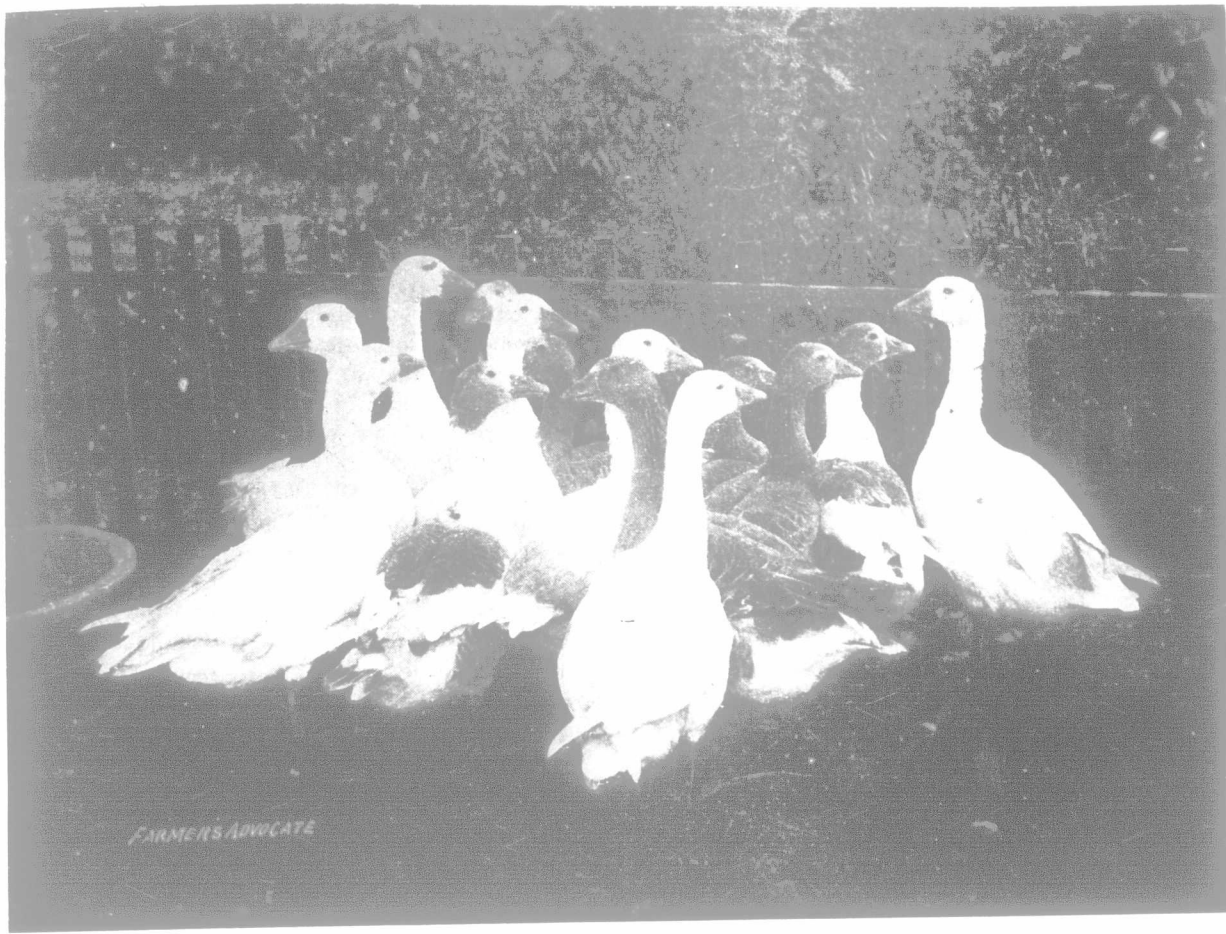
A change was made in the rules of the Intercollegiate Judging Association this year, whereby farmers' sons under 25 years of age were allowed to compete with the students of the Agricultural Colleges for the \$550 prize money contributed by Jno. Clay, Jr., of Clay, Robinson & Co.; Alvin Sanders, Vice-President International Live Stock Association, and W. C. Edwards, Rockland, Ont. About forty young farmers availed themselves of this opportunity, but when the papers had been examined it was found that they were unfitted to compete with the college boys, who had had a systematic training in not only placing the animals, but in writing their reasons. The following agricultural colleges entered teams for the Spoor trophy, and won in the order named: Iowa, Minnesota, Wisconsin, Ontario, and Michigan. North Dakota also had two men in the race. The contest was a very close one, and the result may be regarded as, indeed, creditable to even the losers. Iowa, although winning with 2,402 points, was only 74 ahead of Ontario, with fourth place. From the Guelph College J. B. McCallum secured \$45, F. H. Reed \$35, and A. B. Ketchen \$25.

While this annual competition stirs up a spirit of rivalry and is perhaps not calculated to promote that friendly feeling which should exist between institutions having similar functions, it is, nevertheless, doing a great work for the live-stock interests of this country by directing public attention toward animal husbandry departments of the agricultural colleges and encouraging young men to become interested in the systematic judging of animals, so that in after years they may become more intelligent breeders of live stock and be in a position to assist in the development of the very foundation of the nation's wealth.

W. K. Willis, of Manitoulin Island, writes that he cannot speak too highly of the "Farmer's Advocate," and wishes the paper every success.



Farmers Advocate.



OUR CHRISTMAS DINNER.

**Millions in Poultry and Eggs.**

And Millions of Poultry and Eggs Wanted—The Demand Greater than the Supply—Farmers' Great Opportunity—The Different Markets.

BY A. G. GILBEY, POULTRY MANAGER, EXP. FARM, OTTAWA.

That there are millions of dollars in poultry and eggs for our farmers, and that there are markets at home and abroad for millions more of both (of the superior quality) than produced, is beyond question. For proof of this let us glance at the different markets. First, the home market, and we find the following prevailing prices, winter after winter, for both products have been paid for years past to the producers:

**EGGS.**

Winnipeg—Eggs here are retailing (freshly laid) at 35 cents per dozen; packed, 25 cents per dozen. Chickens, ducks and geese retail for 15 cents per pound; turkeys at 18 cents per pound.

Montreal—40 to 55 cents per dozen, from beginning of November till eggs begin to come in more freely.

Toronto—35 to 45 cents per dozen, from November till following March.

London, Ont.—18 to 25 cents per dozen, from end of November till middle of February.

Halifax, N.S., and St. John, N.B.—10 to 50 cents per dozen, during winter months.

Vancouver and Victoria, B.C.—50 to 60 cents, from early November to March.

In Ottawa during the last winter months, from 40 to 45 cents were paid, and prices were unusually high during the recent summer, seldom going below seventeen cents.

**POULTRY.**

The purchasing companies of Toronto state that they cannot procure sufficient birds of the first quality for either home market or shipment. One purchaser, on a large scale, writes: "We get too many scrubs sent to us. We want a better class of birds, and of that quality cannot get nearly the quantity required."

A significant trend of the times is the employment by a well-known poultry dealer of Montreal of an experienced man, at a liberal salary, to go among the farmers and pick up the best birds for his high-class trade. It is well known that the early chicken commands twenty cents per pound. No reference is meant to broilers. During July 12 to 15 cents per pound, live weight, is paid for the likely birds. Certainly lower prices prevail as the season advances and the later-hatched birds come to the market. But the earlier the bird the better is its value. It may be permissible to say here that birds to suit the demand may be produced by having Plymouth Rocks, Wyandottes, Dorkings, Orpingtons, etc., etc., and treating the chickens with care and regular feeding (especially during the first six weeks of their lives) until the salable age of three, three and a half or four months, and even later for the home market.

It may be said, "Oh, that statement is all very fine on paper, but let us know of someone who has been benefited?" Let one or two instances suffice: Mrs. Joseph Yuill, of Meadowside Farm, Ramsay, near Carleton Place, Ont., well known as Institute worker and writer, has for

years received 15 cents per pound, live weight, for July chickens, and 20 cents per pound for earlier birds. Write and ask her. But it may be said, "She is an expert." We take, then, new beginners, and we have the following: "Renfrew, Aug. 18, 1902: Dear Sir,—I got my returns two days ago from Mr. H. Gatehouse, Montreal, (to whom you directed me), and although my chickens were not at all the best, because they did not flesh properly, being three-quarter Leghorns, I received twelve and a half cents per pound, besides freight. I am well pleased with my returns. I am now wanting to buy a good Plymouth Rock cock bird. Lewis G. Mayhew, Box 33."

Another instance, but later in the season: "Staffa, Ont., Oct. 26, 1902: Sir,—I shipped dressed poultry [Note—Presumably plucked, but not drawn] to Mr. H. Gatehouse, Montreal, and received 10 cents per pound. We are so well pleased with returns that I am buying up spring chickens and fattening them to ship to the same address. I have 200 B. P. Rocks. Mean to increase to 1,000. I. D. Walker."

These instances tell their own story.

**THE ENGLISH MARKET.**

We now briefly glance at the English market, and we find that it is one that is practically unlimited for the "higher quality" of poultry and eggs. This is told us with official authority. It is not surmise. From the Dominion Statistician we learn that up to 30th June last, Canada shipped to the British market dressed poultry—that is, birds killed, plucked and properly packed, but not drawn—to the value of \$238,175; game \$1,939; live birds \$39,068; a total of \$279,182, to a market valued at between five and seven millions of dollars! Not a large percentage, truly, as far as attempted supply is concerned. Of eggs, the United Kingdom imported, up to the date mentioned, \$26,310,000 worth! Of this large amount Canada supplied only \$1,736,111 worth.

The following will show the extent to which the continental countries supplied eggs to the English people:

Russia	\$ 5,399,824
Denmark	4,494,645
Germany	4,949,979
Belgium	3,569,471
France	4,221,989

**OUR OPPORTUNITIES.**

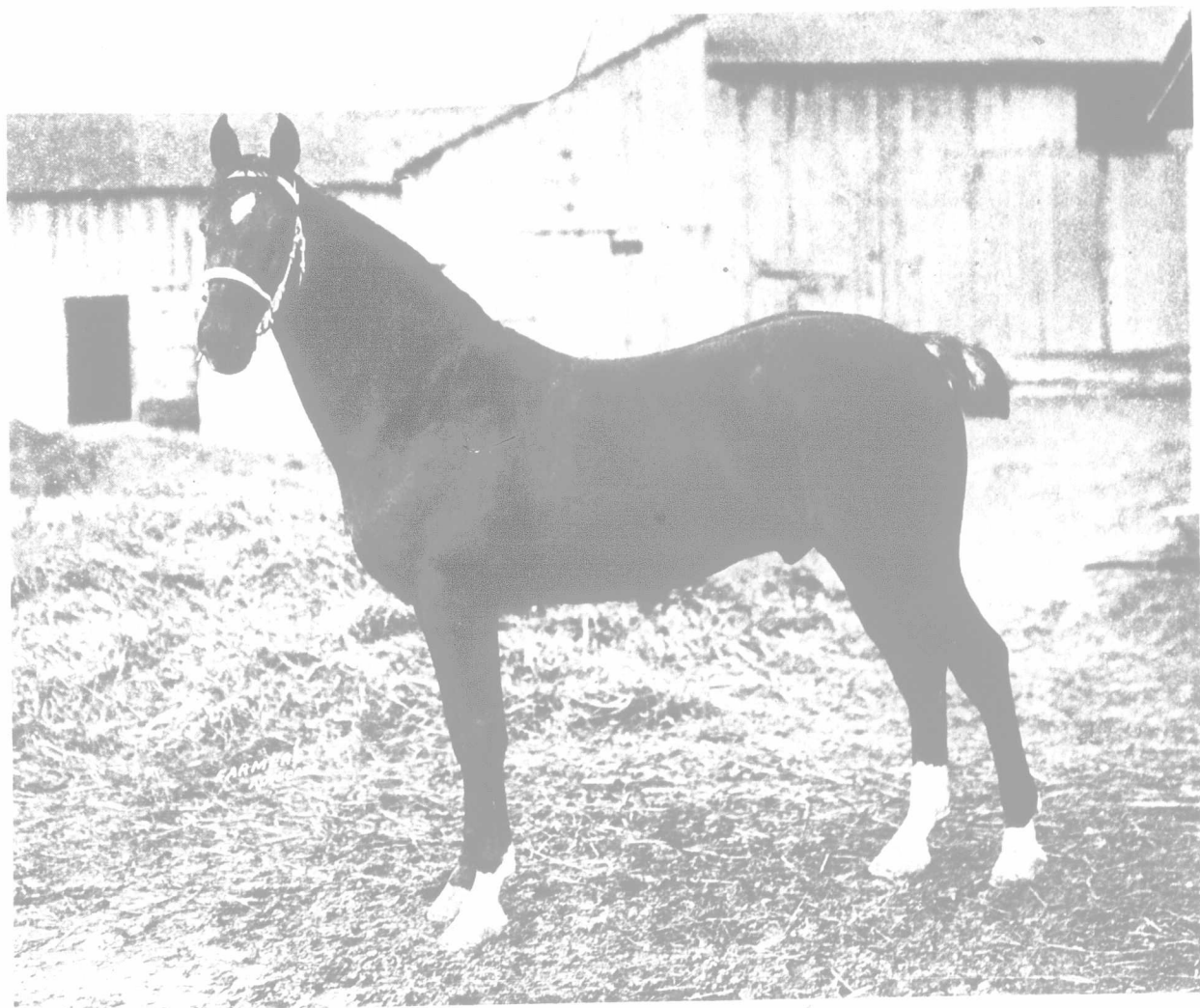
The foregoing will show that both at home and abroad there is a greater demand for our eggs and poultry than there is supply. Can our farmers, with these undeveloped fields before them, complain of lack of opportunity? It has been said that when the yeomen of the country give their attention to the production of poultry and eggs that values will become so low as to be profitless. But what are the facts? Returns show that notwithstanding a large increase in supply, during recent years prices for the superior quality were never higher than they are now. Literature, in the shape of practical Experimental Farm reports, agricultural papers and instruction by the admirable Institute systems of the different Provinces, are all forces in operation for the betterment of and aids to our farmers in the production of the "higher" quality. It remains for them to take action in greater numbers.

Ottawa, Dec., 1902.

**Give Them a Trial.**

If you have a sheltered nook beside a bluff, it might be good policy to try planting some of our hardy plums, currants and gooseberries. Others are delighted with results.

Have you a neighbor who is not getting a first-class Western agricultural paper? Show him this copy of the "Farmer's Advocate," and induce him to subscribe.



**GRIBTHORPE PLAYMATE.**

Three-year-old Hackney stallion. Winner of grand challenge cup, Madison Square Gardens Horse Show, November, 1902. OWNED BY ROBT. BEITH, M. P., BOWMANVILLE, ONT.



F. W. THOMPSON.  
Manager Ogilvie Milling Co., Montreal.

### A Successful Winter Fair.

The Ontario Provincial Winter Fair for 1902, held at Guelph, December 8th to 12th, was in many respects a decided improvement on its brilliant predecessors, and was, on the whole, the most successful of the series in regard to the number of attending visitors, in the interest and enthusiasm evinced, and in its educational effectiveness. The show was well managed, the excellent programme of events being carried out with commendable punctuality and with the evident purpose of giving to as many as possible of the visitors, as far as practicable within the limits of the building, an opportunity to see and hear and learn of the greatest industry of the country—improved live stock of high-class quality. The only anxiety entertained as to the future of the show, if good management continues to prevail, is that even with the increased accommodation provided in the exhibition building it may prove inadequate to the demands upon it, and that the hotel accommodation for visitors will prove hopelessly insufficient, which stage has, indeed, already been reached, and unless the ambition and enterprise of the citizens prove equal to the situation this must inevitably prove a serious difficulty in the carrying out of the objects of the fair, the lamentable lack of facilities for the feeding and comfortable housing of visitors being the common complaint.

While the cattle classes at the late show were, perhaps, not quite as well filled with first-class exhibits as last year, the display of sheep, swine and poultry was never so full or so good. Indeed, of the poultry it may safely be said the display has never been equalled at any former show in the Dominion or perhaps on the continent. It was a wise and prudent movement to merge the poultry show with the Winter Fair, as the entry list of over 2,700 birds, or more than 400 in advance of that of last year, amply attests. For utility and beauty combined, the exhibit of poultry in most of the classes at this show were up to a very high standard of excellence, and must inevitably exert a potent influence in improving the character of the flocks in which they may find a place.

The judging in the live-stock classes was, we believe, more generally satisfactory than is usual, and in the dressed carcass competition especially was much more consistent with the requirements of the best markets than that of last year. The awards this year in the dressed cattle and sheep departments were placed by Mr. Sam T. White, of Chicago, a well-known meat purveyor to the leading hotels and restaurants of that city, and the prizes for dressed bacon hogs were made by representatives of Canadian packing houses, and, so far as we can learn, were well received by both exhibitors and the public, and certainly were in delightful contrast with those of the previous year.

In the cattle department, the grade steers of different ages were particularly good, a number of the entries being of excellent type and quality and well brought out. In the pure-bred classes, Lord Hamilton, a roan steer, shown as under three years by James Renne & Son, Blackwater, the second prize winner at the Chicago International Show and first at Guelph, was, we believe, generally regarded as the best cattle beast in the show of any age or breed. There was no sweepstakes prize offered for the best single animal, open to all, an incontestable omission, since such a competition is provided for in the leading fat stock shows of Britain and the United States. A special prize of a silver cup, valued at \$50, presented by the Ontario County Council, for the best pair of fat cattle, any age or breed, to be kept in the province of the exhibitor who won it, was with deliberation awarded to Messrs. Parke & Son for a pair of black and white Friesian cows, shown as under three years, which were the best pair of the breed in the show, and which were the only pair of the breed shown in the Dominion.

The competition in the class for the best export bacon hogs was very strong, there being no less than 21 entries, most of which were well up to the standard. The first award went to the exhibit of J. E. Brethour, and second to J. Featherston & Son, for Yorkshires. The first prize in the dressed carcass competition for the best three bacon hogs also went to one of Mr. Brethour's entries. These were typical of their class, of fine quality, and well finished.

Sheep classes were well filled with, for the most part, well-fed young things, showing in a high degree the qualities of early maturity and firmness of flesh.

The milking trial of dairy cows brought out a larger entry than in any former year, and a larger percentage of high-class cows in each of the breeds represented, as well as in grades. The sweepstakes cow, or the one making the best record of points in a two-days test, was Pearl, a grade Holstein, owned by P. D. Ede, Oxford Centre, Ont.

The addresses by prominent men from abroad and from the Ontario Agricultural College professors and Farmers' Institute speakers and others were eminently practical and calculated to be mutually helpful, and were evidently appreciated by the visitors who packed the large lecture room at every session. Prominent among the speakers from a distance were Mr. Arch. McNeilage, of Glasgow, editor of the Scottish Farmer and secretary of the Clydesdale Association of Great Britain, whose addresses on heavy-draft horse breeding, development of the dairy cow, and how to improve our export products, were full of useful and helpful information, and were highly appreciated, as were also those of Professor Curtiss, of Iowa Agricultural College, who is always a welcome guest at Canadian gatherings of agriculturists and stock-breeders, and who is a careful investigator and a safe authority.

### The Pioneer's Song.

Bring me my axe of burnished steel—  
My bow of honest yew,  
For my arm is strong to do and dare,  
And my heart is staunch and true.

Down in the city the gas-lights gleam,  
In gutter and alley and slum,  
But I long for the breath of the forest gales,  
Where the city's voice is dumb.

Give me the song of the tossing pines,  
As they rock in the tempest's arms,  
Where the mountain sprites their censers wave,  
Above the mountain tarns.

Through the forest depths a path I hew,  
As the sun my track outlines,  
Where naught is heard but the blow of my axe,  
And the crash of the falling pines.

Blow on blow, with unflinching might,  
From daylight unto dark,  
Till I see the gleam of the evening star,  
And hear the coyote's bark.

No sacred chimes from holy fanes,  
Proclaim my hour of prayer,  
But the gray owl's hoot from the tamarack tree,  
Above the coyote's lair.

Yet the same God looks on my gleaming axe  
As looks on the abbot's stole,  
And He is as near my lowly shack  
As the minaret's marbled goal.

Bravely on, undaunted still,  
Till the furrows lie black in the mould,  
Till the wheat-blades pierce the virgin sod,  
And the seeded sheaths unfold.

Then come from the isles and the dimmest seas,  
Nor kiss the oppressor's rod,  
For here await ye freemen's homes,  
Where never a tyrant trod.

Where the buffalo browsed and the gray-wolf prowled,  
On the prairie rolling free,  
A banquet awaits the gleaner's toil,  
In its boundless treasury.

So I call to the lands of the rising sun—  
To the serfs the world o'er,  
To come and cast their shackles off,  
And share in the bountiful store.

For I seek no royal diadem,  
No star of fretted gold,  
I am but one of the pioneers,  
That the treasures of earth unfold.

But I long to see the home-right gleam  
In the heart of the virgin plains,  
To know at once from the primal woods  
The meaning of the word "possessors."

And I long to see the home-right gleam  
In the heart of the virgin plains,  
To know at once from the primal woods  
The meaning of the word "possessors."

### Christmas Announcement.

To our readers, Greeting:

As an expression of good-will toward all our readers everywhere, and as an appropriate closing act of service for the year now speeding to an end, we send out this Christmas number. Our agreeable and mutually helpful relations of many long years assure us that it will be received in the spirit in which it is issued. Our confidence in the agricultural public has never been misplaced, and the months of toil and the outlay involved in producing this number have been cheerfully given. It may also be taken as an assurance of the larger plans we have matured for the new year. In the "Farmer's Advocate" of 1903, our many thousands of readers will realize a periodical devoted to their interests, larger, more attractive and more valuable than ever. In order that there may be no interruption of our relations as readers, publishers and editors, we bespeak a prompt renewal of your subscription, and if that has already been done, may we not request an effort on your part to bring the privileges of the "Advocate" within reach of others, thus securing for yourself some of the rare premiums described on pages 915 and 916 of this issue, and which thousands of our friends in the past have found to surpass their expectations.

#### EXTRA COPIES OF CHRISTMAS NUMBER.

As heretofore, we send out this special issue to our regular subscribers complimentary. To non-subscribers, the price of the Christmas number is 50 cents, but will supply any extra copies asked for by our present subscribers at 25 cents each.

As long as the supply lasts, every new subscriber will receive a copy of this beautiful number free.

#### SUBSCRIPTION AND ADVERTISING RATES.

The "Farmer's Advocate" is published on the fifth and twentieth of each month. The terms of subscription are \$1.00 per year in advance; \$1.50 when in arrears; sample copy free. European subscriptions 6s., or \$1.50. New subscriptions can commence with any month, and the date on your label shows to what time your subscription is paid. Advertising rates: Single insertion, 20 cents per line, agate; contract rates furnished on application. Address: The "Farmer's Advocate," or the William Weld Company (Limited), Winnipeg, Man.; English representative, W. W. Chapman, Mowbray House, Norfolk street, London, W.C., England.

We wish our readers and advertising patrons, one and all, a Happy Christmas and a bright New Year, and request a renewal of their generous support and esteem.

### Not All of One Mind.

The weather may have something to do with this as well. At present every train from St. Paul to the south carries land-seekers to Virginia, Kentucky and Carolina. But the Northwest is still getting its share of the pilgrims.

### Quite True.

Mr. Simpson, of Regina: "When a man tells me that 'the F.G.A. and Farmers' Institutes are doing no good,' I tell him it is just because he doesn't belong, and that is the kind of men who never see good in such things."



G. R. TODD'S BARN, HILLSVIEW, MAN.



"For Home is where the Heart is,  
In dwellings great or small;  
And there's many a stately mansion  
That's never a home at all;  
But the home that is lit by true love-light  
Is the dearest home of all."

**The Best Christmas.**

There are ways of keeping Christmas  
That are many, that are gay—  
Myriad modes of making merry  
On that dear old blessed day.  
But the best and sweetest method  
That obtains from Pole to Pole  
Is to make some Christmas brighter  
For some poor,

Sad  
Soul.

In ev'ry Christmas founding  
Christ the Lord is born again;  
Mary lives in toiling mothers,  
Joseph, in the toiling men.  
Let us do our part to aid them  
As the golden hours roll,  
And we'll cheer Christ and His dear ones  
In each poor,

Sad  
Soul.

Oh! the Christmas of the selfless  
Is a pure and precious thing!  
It is vested with the glory  
Of the little new-born King.  
Full of His unearthly splendor  
Is its heavenly aureole,  
For Christ was ever tender  
To each poor,

Sad  
Soul!

—Catholic Fireside

**The Maid and the Mistletoe.**

In Canada, where a dried-up sprig or two of imported holly or mistletoe is about all that can be counted upon to mark the festive tide of the season of Christmas, the point of the very clever picture we present to our readers to-day may miss its mark, but for those who in their younger days can recall the fun which even one piece of mistletoe could afford at a Yule-tide gathering, no key is required. We must take for granted the utter unconsciousness of the pretty maiden herself, who, in her costly furs, occupies the middle seat in the first-class carriage. The porter has put her Christmas purchases "somewhere" in the netting overhead, and she is content to know them safe without being quite sure of the exact spot. She has dropped her copy of "The King," and is evidently dreaming of the Somebody who is coming to the Hall on the morrow, wholly unaware of the roguish looks, both of the old gentleman on her right and of the younger one on her left, to whose sense of humor the situation appeals.

The artist has, with inimitable touch, made each face tell its own tale, and we may rest assured that its sequel will not be one which will cause a blush upon the sweet face of our Maiden of the Mistletoe. H. A. B.

**How to Get Good and Beautiful Books.**  
NOTICE TO OUR READERS.

In order to increase our subscription list, we are now offering some very handsome books (a supply of which we have just received) as premiums for obtaining new subscribers. Any present subscriber sending in one new name and \$1.00 will receive one of these beautiful books as a premium; for two names, two books, etc.—a book for every name.

This is a splendid chance for the boys and girls (or grown-ups) to add to their libraries. These books are by good authors only, such as Henty, Dickens, Sara Grand, Scott, Fothergill, Clark Russell, etc. The volumes are handsomely bound and well bound in cloth. They will surprise and delight you, many of them being beautifully illustrated.

Each subscriber whose name is sent in before January 15th will receive, in addition to his own subscription, a copy of our beautiful Christmas paper.

No canvassing needed. Simply show one of our magazines—it will speak for itself. First come, first served.

**A Christmas Dinner on the Wing.**

It was not at all a typical Christmas Day, for perfect torrents of rain beat and dashed against the windows of "Bachelor's Glory," as if trying their best to drown the sounds of woe which came from within.

"I call it a shame," exclaimed Tommy, as he swung his slippered feet frantically over the arm of the chair on which he sat, "to promise us a bang-up Christmas dinner, and then send it to us in such a state of perfect nature!"

"He might at least have killed it, but I suppose he didn't think," said MacRae, apologetically, while Dexter muttered, "Ye gods, think of the feathers!" and the whole trio groaned in unison as they gazed dolefully at a wet and muddy box near by, from whose slatted top stuck the rakish and defiant head of a big turkey gobbler.

MacRae, who was kneeling beside another box, a smaller one, slowly pried off the cover, and began to unpack it.

"Celery," he announced in his deepest tones, "and cranberries—also in the raw. Think you can make 'em jell, Tommy? Mince meat, done up in a can instead of a crust. Turnips, carrots, cabbage, onions! Jove, what a country box, and never a thing in it we know how to cook! I say, boys, let's go out to a 'table d'oty' and buy our dinner."

"Go on, do," moaned Tommy, from the depths of his chair. "You're rich, you are. Do you know that I've got just fifty cents to carry me over to the first of the month, and that Dexter's been out of cash for days?"

"Well," said MacRae, rather hotly, "I've given as many presents as you have, and you know very well that all my articles have been turned down lately. I've only got two dollars."

"There's the rent," said Dexter, waving his stubby pipe towards a dingy tobacco jar on the mantel, which served as a household bank; but the others shook

their heads decisively, and even the unwelcome turkey gave a protesting gobble.

As that sound reached his ears, Tommy pulled himself up from the depths of his chair and gazed at the bird long and steadily. Then he flew up and across the room to clap his two elms vigorously on the back, while he cried joyously, "I've got it, boys; I've got it!"

"Got what—a spell of insanity?" queried MacRae; but Tommy went on, heedless of the insult:

"You know those girls downstairs?"

"No; wish we did," muttered Dexter, and they all smiled as they thought of the four bright maids they passed so often on the stairs.

"Well," said Tommy, "you know who I mean. I heard them talking to-day—no, Mac, I didn't listen at the door; it was through the air shaft—and it seems only one of 'em has gone away for Christmas, and the others meant to go out somewhere, and now it's pouring so they don't want to, for fear they'll spoil their tips. By the way, isn't that rather queer? Thought tips were what women wore in wet weather," and he paused, questioningly. But as the others shook their heads in despair of understanding the details of feminine apparel, he went on. "At least, they seemed awful blue about it—didn't have much Christmas stuff in the house, and kind of downhearted, any way—you know," and the others nodded sympathetically. "Well, my idea is this: we've got the dinner and no cook; they, the cook and no dinner. Now I propose to make a grand combination of labor and capital," and Tommy swelled with pride, though the others looked doubtful.

"But, as I remarked before, we don't know them," protested Dexter. "We can't march boldly down and say, 'Maiden, cook my dinner!'"

"And then," drawled MacRae, "You really must remember the feathers. Even if we had been bosom friends for years, it's not likely they'd let us kill a turkey in their front parlor."

Tommy looked hurt, but not discouraged. "I



THE MAID AND THE MISTLETOE.







From a painting by G. A. Reid.

**FAMILY PRAYER.**

seems fanatical to us. What, then, must have been the feelings of the Jews when a young Galilean peasant put forth the same claim. It is easy for us to allow that claim, because for many hundreds of years He has been worshipped by untold thousands of good and great men; but it was not easy then. It is easy now to profess the faith of Christ crucified, but every man's faith must be a personal and individual thing. It is not enough to believe because other people believe, each must know for himself the truth of Christ's claim when He says: "I am Alpha and Omega, the beginning and the ending, saith the Lord, which is, and which was, and which is to come, the Almighty."

But some may ask, "How can I know, how can I be sure that Jesus has a right to be worshipped as God?" Do you think God would leave us in the dark in a matter of such importance? The way to know whether Christ is really God is plainly shown. He has promised to manifest Himself to those who keep His Commandments; He has declared that if anyone will do God's will he shall know whether His doctrine is true or not. Does He keep that promise? Study the witness of all who have faithfully tried this path of obedience. The voice of a very great multitude, in this and other ages, will answer without hesitation, "I know! Whom I have believed."

The message of great joy is always fresh and new, for unto us is born this day a Saviour, such is Christ the Lord. God not only became one with man long ago, He is always becoming one with men. The Christmas message is a personal one, and intensely vital to you and to me—"Emmanuel, God with us." As Christ pointed to the disciples and said, "Behold My Father and My brethren!" so other disciples in all ages are admitted into that closest of all family relationships, for we are "members of His body, of His flesh, and of His bones." Those who do the will of God share the blessedness of the Virgin mother; for Christ has declared of us, "the same is My brother, and My sister and My mother."

How strange it is that when the Fathered God asks us to offer Himself to sinful men, so many will turn their backs on the greatest of all Christmas gifts. Because Christians cannot agree

about the meaning of the mysterious words, "he that eateth My flesh, and drinketh My blood, dwelleth in Me and I in him," have they any right to refuse to obey them? When invited to become one with our Master in the way He has appointed, are we prepared to refuse that invitation, which is also a command? He says now, as long ago to the twelve, "Will ye also go away?" What answer are we prepared to give?

"God is never so far off as even to be near:—  
He is within. Our spirit is the home He holds most dear.  
To think of Him as by our side is almost as untrue  
As to remove His throne beyond those skies of starry blue.  
So all the while I thought myself homeless, forlorn,  
and weary.  
Missing my joy, I walked the earth myself God's sanctuary!" HOPE.

**How to Serve a Christmas Dinner.**

1. A dining-room must be free from dust and at a pleasant temperature.
2. Tablecloths must be laid without wrinkles, and perfectly straight.
3. The sharp edge of knives must be turned towards the plate; bowls of spoons and tines of forks must be turned up.
4. Carvers must be treated with as much respect as if they were razors.
5. A waitress is responsible for the heating of dishes and plates before they are brought to the table.
6. A meal must never be announced until everything is in readiness which is needed or may be needed.
7. Bread must be freshly cut.
8. Everything which admits of choice, must be placed at the left. Everything which does not admit of choice must be placed at the right.
9. Social plates and dishes should be removed from the table.
10. Before the table, food must be removed, and also work, china, glass, silver, and cutlery, then remove the soiling cloths.
11. Plates relating to one course must be removed before serving another course.

**Good King Alfred.**

(Old Carol.)

Good King Alfred looked forth,  
On a Christmas morning,  
Looked he east and looked he north,  
For the troop returning,  
Whom he sent three days before,  
Thro' the wintry weather;  
Food and wine they needed sore  
For the camp together.

East and north thro' falling snow  
All in vain he gazes;  
When an old man, halting slow,  
His poor prayer raises  
"Give me bread," the old man said,  
And the King stood sighing;  
"Give me bread, one crust of bread,  
Surely I am dying."

"This good day in all the land,  
We are of the poorest;  
But one cake have we in hand,  
Yet thy need is sorest.  
Hither, dame, thy last cake bring,  
Give it to this stranger;  
Count it given to the King,  
Once laid in a manger."

Ere that old man rose to go,  
One hath come and spoken,  
"Sire, thy troop hath met the foe,  
All are slain or broken."  
"Sire," the old man said, "take heed!  
Thou hast freely given,  
Thou shalt not thy gentle deed  
Not overlooked by Heaven."

Late that night the bolted door  
Open wide came flying,  
Meat and bread, a goodly store,  
On the floor was lying.  
So be sure, all Christians true,  
What like this is given,  
Shall be truly paid again,  
By a hand from Heaven.

THE CHILDREN'S CORNER.

A Christmas with Grandpa.



"It's Christmas-eve, grandpa, we won't let you read!" Says masterful Dick, as the paper he takes;

"Oh, grandpa, we're lonely, for mother has gone To spend Christmas-eve in heaven this year."

"Why Nell, you're not crying. On Christmas-eve, too!" Says the dearest old grandfather under the sun.

First Dick is blindfolded, then Helen he spies, Who dances with joy as the bandage is tied.

"Now grandpa's the blind man. Oh, isn't this fun? Look out, Nell, he'll catch you!" says Dick in delight.

"Let's play something else," cries grandpa, at last, "You children race round much too quickly for me;

"Old and feeble," indeed! Just look at him now! "Hold tight, Nell! Yes, Dick, there is room for you, too!"

"I declare you are making a terrible row!" Says a voice in the hall. Oh, can it be true?

Both riders slide down and rush to the door, For a tall handsome sailor is standing there.

"But grandpa's just splendid!" declares loyal Dick. "He takes Nell and me both at once for a ride."

"Let's hang up our stockings!" says grandpa, and see. If Santa will know that your daddy is here,

The stockings are hung on the chimney with care, And some at last settle down on the floor.

"Helen and Dick are up before day, To feel at their stockings, with whom they will stay."

"Grandpa said that he thought it must surely be due— Perhaps Santa heard him and brought it along. I hope it's the number for Christmas, don't you?"

And our Christmas number it turned out to be, This copy you children are studying here.

Would you like to know more of Richard and Nell And their jolly old playmate? Well, some day you'll see

How their grandpa soon learned to skip pretty well, When their father was forced to go back to the sea. COUSIN DOROTHY.

Another Goose.

The sable cook who presides over the kitchen of a Boston house was fired with indignation one day when she saw a goose which had been sent by the butcher for the family's Sunday dinner.

"Don't—don't you think it is a good goose, Hester?" timidly inquired the butcher's boy, who stood in great awe of the big cook.

"What you mean by 'good goose,' boy?" sternly demanded the irate Hester, as she shook the offending fowl at him.



8. A Colin-Maillard maintenant!

The Boyless Town.

A cross old woman of long ago Declared that she hated noise: "The town would be so pleasant, you know, If only there were no boys."

And all through the long and dusty street There wasn't a boy in view; The baseball lot, where they used to meet, Was a sight to make one blue;

The cherries rotted, and went to waste— There was no one to comb the trees; And nobody had a single taste, Save only the birds and bees.

There was little, I wonder, of the old town, When I was a boy, and you were a girl; The school old town, as we P. looked it, Was a place where the boys were still.

Christmas Holiday Games.

Every answer to be the title of one of Shakespeare's plays:

- 1. Who were the lovers?
2. Where did they meet?
3. What answer did she make to his proposal?
4. What was their courtship like?
5. From whom did he buy the ring?
6. Who were best man and bridesmaid?
7. Who were the ushers at the wedding?
8. Who entertained them on their wedding tour?
9. Who was the chef?
10. What was their first quarrel about?
11. What was her disposition like?
12. What was his chief occupation after marriage?
13. What Roman general effected a reconciliation?
14. What did the world say?

Answers.

- 1. Romeo and Juliet.
2. In a Hamlet.
3. As You Like It.
4. A Midsummer Night's Dream.
5. The Merchant of Venice.
6. Antony and Cleopatra.
7. Two Gentlemen of Verona.
8. The Merry Wives of Windsor.
9. Othello.
10. Much Ado About Nothing.
11. The Tempest.
12. Taming of the Shrew.
13. Julius Cæsar.
14. All's Well That Ends Well.

THE "CAT" GAME.

Another very entertaining game is as follows: Each guest is provided with a dainty folded card, or paper, having on the back a picture of a pussy cat, no two alike.

- 1. The library cat? Catalogue.
2. The unhealthy cat? Catarrh.
3. The picturesque cat? Cataract.
4. The unfortunate cat? Catastrophe.
5. The religious cat? Catechism.
6. The roadside cat? Catnip.
7. The crawling cat? Caterpillar.
8. The noisy cat? Caterwauling.
9. The little cat? Catkin.
10. The ancient, gloomy cat? Catacombs.
11. The dangerous cat? Catapult.
12. The dining-room cat? Catsup.

Jim: "What did Tom mean when he said that his matrimonial hopes all depended upon the widow's mite?"

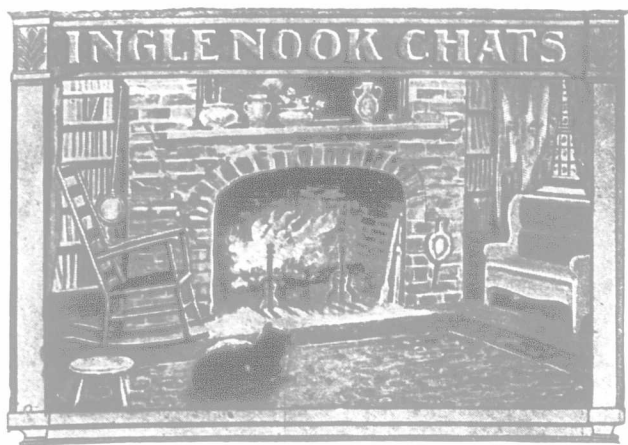
Dick: "He merely meant that she might marry him or she might not."

"Did your playmate enjoy her visit?" said mamma to her small daughter, who had just bidden adieu to her little friend.



4. Les cavaliers pour un cheval.

And the...



My dear Guests,—

A Merry, Merry Christmas to You All.

"There's a song in the air!  
There's a star in the sky!  
There's a mother's deep prayer  
And a baby's low cry!  
And the star rains its fire while the beautiful sing,  
And the manger of Bethlehem cradles a King!"

More than nineteen centuries have passed since this marvellous star appeared to guide the wise men of old to the humble cot of the little Christ-King. There, in a manger, lowly and almost alone He lay, whose birth meant redemption for all mankind, while, all unheeding, about Him moved the world's busy throng.

"O strange indifference! low and high  
Drows'd over common joys and cares:  
The earth was still—but knew not why;  
The world was listening—unawares.  
How calm a moment may precede  
One that shall thrill the world forever!  
To that still moment none would heed  
Man's doom was linked, no more to sever,  
In the solemn midnight  
Centuries ago."

Although centuries upon centuries have gone by, still shines the Christmas star; with radiance undimmed it beams, that "men of goodwill" may follow its light and still pay tribute to the King. By observing the true spirit of this holy time, by shedding happiness upon those about us, we may bring to Him, even as did the ancient kings, the three-fold gifts of gold, frankincense and myrrh. Kind, helpful words to soothe the sorrowing shall be our frankincense, little acts of sacrifice, generously given for the benefit of others, shall be fragrant myrrh, and all shall be bound together with the golden band of love—"the bond of perfection." How eagerly will the Divine Child reach forth His tiny hands to accept such an offering, and how fully shall we be repaid by the glad light beaming from His radiant face!

How cheerless must have been the long ages before His coming! And how still more sad, that even yet there are hearts who do not seem to feel any of the joy of the glorious Christmas-tide; hearts in which life's restless fever drives out the holy impulses of love, forbearance and generosity which should abound at this joyous season when angels sing "Peace, peace on earth!"

"Yet with the woes of sin and strife  
The world has suffered long;  
Beneath the angel strain have rolled  
Two thousand years of wrong;  
And men, at war with men, hear not  
The love-song which they bring;  
Oh, hush the noise, ye men of strife  
And hear the angels sing!"

Yes, unless we banish from our hearts all strife and selfishness, we shall not hear the heavenly strain, nor shall we realize the full meaning of the joyous bells that peal from every steeple on each anniversary of the dear Christ-child's birth. Then

"When stars of Christmas shine,  
Lighting the skies,  
Let only loving looks  
Beam from your eyes.

When bells of Christmas ring,  
Joyous and clear,  
Speak only happy words,  
All mirth and cheer.

Give only loving gifts  
And in love take;  
Gladden the poor and sad,  
For love's dear sake."

OUR COMPETITIONS.

The following are the winners in our recent Common Contest: Class I, Mr. F. L. Sawyer, Mitchell; II, Miss Ethel J. McClure, Brampton, Ont.; III, Miss Willie Ruttle, Kincardine, Ont. Other contributors were: Nancy Gerber, Corinne Bondy, Luella Clancy,

Ida E. Smith, Mabel Smith, Olive Hughes, Bessie Broad, Alma Sweet and Maggie B. Sparling.

The contest was very close in Classes I. and II., but the majority tripped on the first conundrum, which often appears in a somewhat different form. Below are the answers:

1. Because you cannot have sound without them.
  2. Because it is uttered, but not allowed (aloud).
  3. Hailing omnibusses.
  4. Absence of body.
  5. Because "we" cannot be "wed" without it.
  6. A step farther (step-father).
  7. None; all are carried to it.
  8. The new moon; the full moon is much lighter.
  9. Because he takes you in with an open countenance.
  10. B natural.
  11. Haste.
  12. Throw him from a high place and let him come down plump.
  13. Because they were two relatives without an antecedent.
  14. Because he's an ass.
  15. Because he had no knife.
- I hope the unsuccessful contributors will try again—better luck next time, perhaps.

Once again, Merry Christmas to the *Advocate*, its proprietors, its staff, and all its readers.  
THE HOSTESS,  
Ingle Nook Chats, Pakenham, Ont.

Some Notes on the Outlook for Women in the Colonies.

Fresh from the conference of the National Union of Women-workers of Great Britain and Ireland, otherwise the British "National Council of Women," held in Edinburgh on the last four days of October, it seems to me as if no other subject could come to my pencil-tip quite so readily as that which, although I had one whole session allotted to it, under the caption of "The Outlook for Women at Home and in the Colonies," could have easily occupied two more, whilst still leaving much unsaid, both of interest and profit.

It was my great privilege to be the guest of Lady Aberdeen, who never loses any opportunity of furthering the interests of Canada or of putting out a helping hand to a Canadian. Under her auspices a place was made for representatives from the National Council of Women of Canada; in the one case, that of Miss Fitzgibbon, of Toronto, to read an admirable paper on "Openings for Women in Canada," and in the other for special greetings, and as many points of interest as could be condensed into the few moments allotted during a brisk discussion upon the rival claims of South Africa and Canada as fields for emigration. For the moment, South Africa seems the cynosure of all eyes. Inducements are held out to women as well as men, to emigrate, with the result that applications pour in daily, and women are going out to tempt fate, by the ship load. Bitter disappointment awaits many of these, even if situations on arrival are secured for them. If they should discover that they are square pegs allotted to round holes, or vice versa, they have no further claim upon any Government, but must readjust themselves to their new conditions as best they can. A lady residing at Durban, Natal, writes: "My advice to women at home is to look well before they leap. I have met with many here who have been bitterly disappointed, and who would willingly return home again if they had the wherewithal to do so. I live here in the house of a permanent colonist, a man who knows the native thoroughly, who has lived in their kraals, and whose word is law in a great many kraals round here. I asked him what he thought of the proposal to introduce white domestic servants here. He condemned it at once in no measured terms. 'You cannot do away with black labor,' he said, 'and a white woman may not work alongside of a black man. It is an indignity to the white woman, and the black boy is a savage at his best, and the savage comes out in the end. If women are to be sent out here, let them be educated women, or women with a trade; e.g., governesses, nurses, dressmakers, shop assistants, nursery maids or mother's-helps, but for cooks and housemaids and general servants, they should stay at home. These people who are continually without servants do not know how to treat their Kaffirs, and they would not know how to treat their white servants.' I have given his opinion in full, as he has studied the problem, and knows what he is talking about."

Then the writer points out the trying effect upon newcomers called upon to work in a kitchen which in summer must be "a little inferno" (for in Natal are no gas stoves to be lighted or put out at will), and also the inconvenience, a mild term for it, of there being very rarely any provision whatever being made for white servants

in South African houses, the natives living in their huts in the grounds, or lying upon a mat on the veranda. Wages may be high, but their purchasing power very small indeed, the usual ratio being nearly three times as much as the same article would cost in England, whilst lodgings of the poorest kind are almost unattainable. Still, in spite of all this, thousands of women are clamoring to go to South Africa, believing it to be an Eldorado.

It is greatly to be desired that the admirable paper by Miss Fitzgibbon should be published and circulated in Canada, for it gives a clear presentment of the happier, safer, surer conditions under which women could emigrate. Without painting the future offered them with too roseate hues, and whilst pointing out clearly that success, even in Canada, did not come without effort, or reward without desert, she gave a clear and truthful statement of things as they would be found by the right kind of women who might be induced to make Canada their home. The following was her tribute to the Canadian women of to-day: "They are products of the country, the creations made and moulded on the stem of strenuous endeavor, the descendants of men and women who have cleared the forest, overcome distances, developed the resources and built cities out of the wilderness; nay, more, defended their country against great odds, endured privations, loneliness, and, oftentimes, neglect and misunderstanding; the product of a bracing climate, clear skies, and space to breathe. Women emigrants go out to compete with and be measured by their measure."

Miss Fitzgibbon having covered the ground so thoroughly, not much of real practical value remained to be said by me, her less eloquent coadjutor. But, with even five minutes, an earnest heart and a nimble tongue can do something, and in that time the audience were left in no doubt as to the opinion of the speaker upon the undoubted advantages of Canada over South Africa or, indeed, over any other colony, for intending woman emigrants, not excepting even its matrimonial aspect, for where there were 150,000 more men than women, it was clear that the only old maids there must be self-elected ones, the men of Canada being as capable of appreciating womanly virtues as the men of South Africa or anywhere else. A short time before going to Edinburgh, the following kind words from Lord Strathcona reached the writer: "I have read your contribution to the Westminster Gazette on the claim which Canada has equally with other colonies on this country for a share of the female emigration which leaves its shores. The problem of domestic service in Canada, I know, is a most difficult one, and has probably never been more acute than at the present time, when the country is expanding so rapidly. I am quite sure you and your colleague, Miss Fitzgibbon, will do good work for Canada at the conference next week. We have some useful literature, dealing with employment for women in Canada, available for distribution, a supply of which I am having sent to Edinburgh." And not only was this literature upon the table for free distribution or purchase, but other pamphlets were accessible, chiefly published by the British Women's Emigration Society, National Council of Women, etc., giving very fair information for the guidance of enquirers. In proof of this fairness, I will conclude by a brief quotation from a portable little booklet, written by the Hon. Mrs. Joyce, who, after giving most clear instructions to intending emigrants, even down to the minutest details as to passages, clothing, etc., thus concludes:

"I cannot repeat too often that men or women who do not want to work will not find in Canada a soft place to spend their time. They will go to the wall and sink out of notice, whilst the plucky, pushing man, who puts both hands to his work, will make money and turn it into land or business. Again, the woman who waits to sort her work, or to consider what is menial, had better find her own level in England. She is not wanted in a brisk, go-ahead country, where people are doing the pioneer work of filling up a grand country and peopling it, with resolute purpose, full of boys and girls who are making the history of the Northwest. In conclusion," adds the writer, "it must be repeated, emphatically, that Canada wants no 'tender foot' or 'soft hands,' that life in a new country will have its rough side upwards before the smooth one is reached, but a genial welcome awaits those who have strong hands and stout hearts." All of which, I think, we Canadians will unhesitatingly endorse.  
H. A. B.

H. A. B. desires to convey her hearty thanks to her correspondent at Ravenna, for her kind words expressing appreciation of her article written from Birdlip, on the Cotswold Hills of Gloucestershire. She is only sorry that when she visited Brimpsfield churchyard, she did not know of the special interest which attached to "the grave just inside the gate, overshadowed by a yew tree." Surely no place more peaceful could be found for a last resting place than a nook in the God's Acre of Brimpsfield parish.



GARDEN FAVORITES.

**At Christmas Time.**

Who would not be merry at Christmas time,  
And banish all worry at Christmas time!  
The fountain of cheer

From the heart of the year  
When earth fieth sore is the Christmas time!

'Twere wise to be merry at Christmas time,  
All malice to bury at Christmas time,  
All envy and strife

To put out of each life,  
That joy may be rife at the Christmas time!

'Tis well to be merry at Christmas time,  
To open our hearts at the Christmas time,  
That love and good-will

Every corner may fill,  
And vanquish all ill at the Christmas time!

'Tis good to be merry at Christmas time,  
To open our hands at the Christmas time,  
That some who are sad

May by us be made glad,  
And glorify God at the Christmas time!

'Tis meet to be merry at Christmas time,  
In a Christian land at the Christmas time,  
Where gladness and mirth

Since that wonderful birth,  
Have ruled o'er the hearth at the Christmas time!

And while we rejoice at the Christmas time,  
Let this with the peal of our glad bells chime:  
All glory to God

For the love that he showed  
In the gift He bestowed at the Christmas time!  
—M. A. Maitland.

**Humorous.**

An old soldier who had served his twenty-one years was discharged at Portsmouth. He went to the station with his wife and children, and demanded three half-fare tickets for his three youngest.

"How old are they?" asked the booking-clerk, suspiciously.

"Elivin years, all av thim. They're triplets," was the answer.

"Fine youngsters!" said the clerk. "Where were they born?"

"Patriek was born in Cairo, Bridget was born in Bombay, an' Micky was born in Mahdras," was the proud reply.

Curran, the Irish advocate, was one day examining a witness, and failing to get a direct answer, said: "There is no use in asking you questions, for I see the villain in your face." "Do you, sir?" said the man, with a smile. "Faix, I never knew before that my face was a looking-glass." On another occasion, he was out walking with a friend who was extremely punctilious in his conversation. The latter, hearing a person near him say "curiosity" for "curiosity," exclaimed: "How that man murders the English language!" "Not so bad as that," replied Curran; "he has only knocked an 'i' out!"

PEARLS BEFORE SWINE. The evening was advanced when a venerable squire of ancient name and lineage arose to propose a toast. Scarcely had he heard one more successful. He began modestly. "It is always well to begin modestly." "I fail," said the good man, "that for a plain country squire like myself to guess a disheveled body like the one before me, and propose a melody in its number various kinds of pearls, is indeed to cast pearls before swine." He then proposed a toast, and he was not further troubled. "I have been told," he said, "that the swine do not care if they were to be given a

**Christmas Cooking.**

TEMPTING LITTLE CAKES FOR CHRISTMAS.—Beat half a pound of butter to a cream; add two ounces of grated chocolate, then add two-thirds of a cupful of granulated sugar; beat for ten minutes. Have ready four eggs, beaten without separating until they are very light, and half a pint of sifted fine flour; add a little of the egg and a little of the flour, and beat for ten minutes. Grease a shallow pan and dust it thickly with flour, then sprinkle with granulated sugar (it is better to do this before beginning the cake). Pour in the batter; bake in a moderately quick oven about twenty minutes. When done, cut into squares or diamonds. These are nice masked with chocolate or white icing and dusted with chopped almonds or other nuts.

To make cream honey cakes, sift one pound of pastry flour and rub into it a quarter of a pound of good butter; then add two ounces of granulated sugar and two teaspoonfuls of baking powder; mix thoroughly. Beat the yolks of two eggs; add half a pint of milk; add this gradually to the flour. Knead, roll lightly, and cut into fancy shapes. Place them in a baking-pan, brush the tops with milk, and bake in a moderate oven for twenty minutes. These are served with strained honey poured over them.

CHOCOLATE MACAROONS.—One-half pound pulverized sugar, one-quarter of a pound grated vanilla chocolate mixed with the beaten whites of two eggs. Drop small cakes of this mixture with a spoon on a tin covered with white paper, and bake in a very moderate oven for a quarter of an hour.

GERMAN CHRISTMAS CAKES.—Into one quart of molasses (New Orleans is best) put a tablespoonful of black pepper, one of cinnamon, a teaspoonful of ground cloves and the grated rind of two oranges and one lemon. Let this stand a day. Then add flour enough to make rather a stiff dough, add about four teaspoonfuls of baking powder, which must be mixed with the flour, and a large spoonful of lard. Roll out the dough into long strips about as thick as your finger (working in more flour if too soft to roll), and with a sharp knife cut into pieces the size of a nut, about half an inch long. Bake in a hot oven. Be careful not to put the nuts too near together in the pans or they will stick together. If they do, break them apart while hot.

**SMALL SAND CAKES**

—Wash one pound of butter and stir it to a cream; gradually add half a pound of sugar, two eggs, and one and one-half pounds of flour. Roll out thin. Cut out into round cakes, wash over with the yolk of egg beaten with a little sugar, and strew with sugar, cinnamon and almonds.

**A RICH STEAMED**

PUDDING.—Stir thoroughly together one cup of molasses with one cup of butter and a cup of milk. Add one cup of chopped raisins and three cups of flour, into which a teaspoonful of soda has been stirred. Add citron, if desired, and steam in a pudding bag.

three hours. For the sauce beat three eggs to a froth, stirring into them a cup of sugar and a little vanilla.

SMALL CAKES FOR CHRISTMAS.—Such small cakes as snaps and sand tarts are used for Christmas. They may be made two or three weeks in advance, and if kept in a closed tin box will be improved by the keeping.

**About Christmas Presents.**

"Not that which we give, but what we share,  
For the gift without the giver is bare."

PERSONAL CHRISTMAS GIFTS.—Encourage the children to make with their own hands the gifts which they offer to their friends. They should be the outcome of personal exertion, not merely something given to them to be given away again, which has cost them nothing in pains or labor. If they cannot give their own handiwork, they should, at least, be required to earn the money which they spend in presents. It gives them some idea of the value of money and teaches them in a degree how difficult it is to get and how fatally easy to spend.

MECHANICAL TOYS are always amusing to little children. If expensive ones are purchased they should not be entrusted to the careless handling of their owners, but carefully exhibited by an older person, that they may long be a source of pleasure. Toys that will delight the small persons, whom we love to please, may be bought for fifty cents: a mechanical duck that runs about, flapping its wings and cackling; a stubborn donkey that walks a few steps, backs and goes on again, while the excited driver jumps up and down in his seat; a bicycle with its rider; a merry-go-round that runs by clockwork; a walking elephant, and many others.

TOYS FOR LITTLE CHILDREN.—It is never worth while to give expensive toys to little children; a cheap toy that can be played with at their own discretion gives far more pleasure than a much more costly one which must be put on the shelf to be safe from injury. If the giver has an ulterior motive, such as to gratify the parents, or to impress them with his wealth or his generosity, he may be as lavish as he pleases; but if his sole idea is to bring joy to the little child, the inexpensive toy will answer the purpose equally well, if not better. Much money is wasted in this way that might be more profitably spent in getting some article of real value, which a child could keep always, and use in after-life with all the pleasure that comes from long association and the sentiment that clings to the things one has used as a child.

A BLOTTING BOOK makes an appropriate gift for a boy of fifteen. The outside is made of brown or blue butchers' linen, stretched over stiff cardboard. A motto is embroidered diagonally across one side and the initials of the owner on the other side. "Blot out the mistakes, but not the sweet memories," may be used, or "A letter timely writ is a rivet in the chain of affection." Pale yellow is a good contrast with the brown, and white with the blue. The inside is filled with leaves of blotting paper cut to fit the book.

Professor (a little distracted): "I'm very glad to see you. How's your wife?"

"I regret it, professor, but I'm not married."

"Ah, yes; then, of course, your wife's still single?"



Photo by "Liberator" for the Farmers Advocate. AN ENGLISH COUNTRY HOME. Summer residence of the King's daughter, Princess Maud, wife of Charles, second son of the Crown Prince of Denmark.

# VALUABLE PREMIUMS

THE NAME OF SENDER DOES NOT COUNT ON LISTS OF NEW SUBSCRIBERS.

EXACT SIZE OF KNIFE.



**AN A 1 FARMER'S KNIFE**  
DIRECT FROM SHEFFIELD, ENGLAND.

Finest Steel Blades. Strong and Durable.  
Beautiful Nickel Handle.

Specially selected and ordered by the Manager of the ADVOCATE when in England last summer.

**CANNOT BE DUPLICATED.**  
Every Farmer and Farmer's Son Should Have One of These Knives.

START OUT FOR THE NAMES TO-DAY.

**HOW TO SECURE IT.**

SEND  
New Subscribers **2** New Subscribers  
TO THE  
**FARMER'S ADVOCATE**  
And we will send you the knife, postpaid.

**THE BIG FOUR** THE GREAT PREMIUM PICTURE OFFER, FOR OBTAINING NEW SUBSCRIBERS TO THE "FARMER'S ADVOCATE" AT \$1 A YEAR.

"CANADA'S IDEAL" Admitted by judges, breeders and artists to be the most magnificent engraving of high-class modern Shorthorns ever issued in any country. 21 x 36 inches. Twelve animals.


"CANADA'S PRIDE" Nine celebrated draft horses.

"CANADA'S GLORY" Eleven celebrated light horses.

"CANADA'S COLUMBIAN VICTORS" Thirteen celebrated Ayrshire cattle.

Your choice of any two of these for 1 new subscriber, or all four beautiful pictures for only 2 new subscribers.

**Handsome Curb-link Bracelet: Silver Filled**

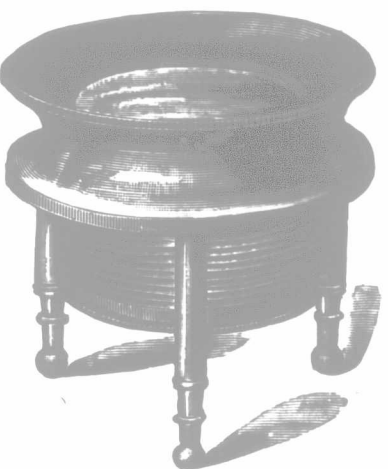


For 2 new subscribers. Sterling silver for 3 new subscribers. For each additional new subscriber, two Sterling Silver Friendship Hearts.

**Our Self-Binder** HANDY, DURABLE and ATTRACTIVE. Made to contain the 24 issues of the year. We will forward this Binder, postpaid, to anyone sending us the names of TWO NEW SUBSCRIBERS and \$2.00.

**BEGIN TO CANVASS AT ONCE** FOR NEW SUBSCRIBERS. The balance of 1902 will be sent FREE, including Christmas number, to all who now subscribe for 1903. Subscription Price, \$1.00 per Annum.

THE **MICROSCOPE**



Is a means of great entertainment and instruction in the home and out of doors. To meet the wishes of many subscribers, we have arranged with a first-class firm for a supply of those instruments; which we now offer:

Tripod Microscope, with strong magnifying lens, useful for examining weed and other seeds, insects and other small objects, for obtaining one (1) new subscriber to the FARMER'S ADVOCATE.

A three-inch Magnifying Reading Glass for one new subscriber.

**Bagster's NEW Comprehensive Teacher's Bible,** Containing the Old and New Testaments, according to the authorized version, together with new and revised helps to Bible study—a new Concordance and an Indexed Bible Atlas, with SIXTEEN FULL-PAGE ILLUSTRATIONS, PRINTED IN GOLD AND COLOR.

**HOW TO OBTAIN IT—** Would retail at from \$3 to \$4. We will send (carefully packed, post paid) this Bible to anyone sending us the names of THREE NEW SUBSCRIBERS to the FARMER'S ADVOCATE at \$1.00 each.

Write for a sample copy of the Farmer's Advocate, and begin to work for these premiums. Cash must accompany new names.

## The W.M. WELD CO., Ltd.

WINNIPEG, MAN.

# FARM BOOKS.

The farmer's home without an Agricultural Library is lacking in one of the chief aids to pleasure and success. We have gone over the available first-class works on agricultural subjects, and have selected the best. See below for prices and how to obtain.

## SOIL AND CROP.

- THE FERTILITY OF THE LAND.**—Roberts. 372 pages. \$1.25.  
**A BOOK ON SILAGE.**—Woll. 185 pages. \$1.00.  
**SOILING, ENSILAGE, AND BARN CONSTRUCTION.**—F. S. Peer. 247 pages. \$1.00.  
**SOILING CROPS AND THE SILO.**—Shaw. 366 pages. \$1.50.

## LIVE STOCK.

- VETERINARY ELEMENTS.**—A. G. Hopkins, B. Agr., D. V. M. \$1.50. A practical book for stockmen and agricultural students.  
**THE STUDY OF BREEDS (CATTLE, SHEEP, AND SWINE).**—Prof. Shaw. 400 pages; 60 engravings. \$1.50.  
**HORSE BREEDING.**—Sanders. 422 pages. \$1.50.  
**LIGHT HORSES—BREEDS AND MANAGEMENT.** 226 pages. \$1.00.  
**HEAVY HORSES—BREEDS AND MANAGEMENT.** 219 pages. \$1.00.  
**CATTLE—BREEDS AND MANAGEMENT.** 270 pages. \$1.00.  
**SHEEP—BREEDS AND MANAGEMENT.** 232 pages. \$1.00.  
**ANIMAL BREEDING.**—Shaw. 406 pages. \$1.50.  
**THE DOMESTIC SHEEP.**—Stewart. 371 pages. \$1.75.  
**THE SHEEP.**—Rushworth. 496 pages. \$1.50.  
**PIGS—BREEDS AND MANAGEMENT.**—Sanders Spencer. 175 pages. \$1.00.  
**FEEDS AND FEEDING.**—Henry. 600 pages. \$2.00.

Vinton Series.

## GENERAL AGRICULTURE.

- AGRICULTURE.**—C. C. James. 200 pages. 30 cents.  
**FIRST PRINCIPLES OF AGRICULTURE.**—Voorhes. 207 pages. \$1.00.  
**AGRICULTURE.**—Storer. 1,875 pages, in three volumes. \$6.00.  
**CHEMISTRY OF THE FARM.**—Warington. 183 pages. \$1.00.  
**FARMYARD MANURE.**—Aikman. 65 pages. 50 cents.  
**IRRIGATION FOR THE FARM GARDEN AND ORCHARD.**—Henry Stewart. \$1.00.  
**SUCCESSFUL FARMING.**—Rennie. 300 pages. \$1.50, postpaid.

## DAIRYING.

- AMERICAN DAIRYING.**—H. B. Gurler. 252 pages. \$1.00.  
**THE BOOK OF THE DAIRY.**—Fleischmann. 330 pages. \$2.75.  
**MILK AND ITS PRODUCTS.**—Wing. 230 pages. \$1.00.  
**TESTING MILK AND ITS PRODUCTS.**—Farrington & Woll. 255 pages. \$1.00.  
**DAIRYING FOR PROFIT.**—Mrs. E. M. Jones. 50 cents.

## POULTRY.

- FARM POULTRY.**—Watson. 341 pages. \$1.25.  
**ARTIFICIAL INCUBATING AND BROODING.**—Cypher. 146 pages. 50 cents.  
**PRACTICAL POULTRY-KEEPER.**—Wright. \$2.00.  
**AMERICAN STANDARD OF PERFECTION.**—Pierce. 278 pages. \$1.00.

## APIARY.

- THE HONEYBEE.**—Langstroth. 521 pages. \$1.50.

## FRUIT, FLOWERS, AND VEGETABLES.

- VEGETABLE GARDENING.**—Green. 224 pages. \$1.25.  
**FLOWERS AND HOW TO GROW THEM.**—Rexford. 175 pages. 50 cents.  
**THE PRINCIPLES OF FRUIT-GROWING.**—Bailey. 514 pages. \$1.25  
**BUSH FRUITS.**—Card. 537 pages. \$1.50.  
**HORTICULTURIST'S RULE BOOK.**—Bailey. 312 pages. 75 cents.  
**SPRAYING OF PLANTS.**—Lodeman. 399 pages. \$1.00.  
**THE NURSERY BOOK.**—Bailey. 385 pages; 152 illustrations. \$1.00.  
**AMATEUR FRUIT-GROWING.**—Samuel B. Green. 5x7 inches; 134 pages, with numerous fly-leaves for notes; bound in cloth, and illustrated. 50 cents.

## PLANT AND ANIMAL LIFE.

- THE STORY OF THE PLANTS.**—Grant Allen. 213 pages. 40 cents.  
**THE STUDY OF ANIMAL LIFE.**—J. A. Thomson. 375 pages. \$1.75.  
**INSECTS INJURIOUS TO FRUITS.**—Saunders. 436 pages. \$2.00.

## MISCELLANEOUS.

- THE HOME PHYSICIAN AND CYCLOPEDIA OF MEDICINE.**—By seven eminent physicians, aided by specialists. 1,300 pages; illustrated. Cloth, \$4.75; leather, \$5.75.  
**LANDSCAPE GARDENING.**—S. T. Maynard. 338 pages. \$1.50.  
**BIRDS THAT HUNT AND ARE HUNTED.**—Neltje Blanchan. 390 pages. \$2.25.

## HOW TO OBTAIN THESE BOOKS:

We will furnish present subscribers any of the above books for cash or as premiums for obtaining new yearly subscribers to the FARMER'S ADVOCATE at \$1.00 each, according to the following scale:

Books valued at 50c. and under for 1 new subscriber	
Books valued over 50c. and up to \$1.00 for 2 new subscribers.	
" " " \$1.00 " " " \$1.50 " " 3 " "	
" " " \$1.50 " " " \$2.00 " " 4 " "	
" " " \$2.00 " " " \$2.50 " " 5 " "	
" " " at \$2.75 for 6 new subscribers.	
" " " " " " " " " " " " " " " " " "	12

We can furnish any of the above books at the regular retail price, which is given opposite the title of the book. By a careful study of the above list, any farmer can choose a select list of books suited to his needs, and for a small outlay in cash, or effort in obtaining new subscribers for the Advocate, secure the nucleus of a useful library.

Cash to accompany names in every case. Subscriptions credited a year in advance from date received.

The WILLIAM WELD CO., Ltd., Winnipeg, Man.

# WANT A GOOD WATCH?

WE have succeeded in procuring from one of the most reliable jewelers in Canada a complete list of Gents' and Ladies' Watches of sufficient variety to suit every one, and have no hesitation in recommending them to our readers as premiums worthy of an effort to secure. These are not by any means trashy goods, but first-class in every particular, and we assure you that you will be pleased with whatever of the above premiums you may obtain. Let us hear from you at an early date with a good list of new subscribers accompanied by the cash, and take your choice.

## Gents' Watches.

No.	Description	New Subscribers.
No. 1.	Yankee Nickel Watch	2
No. 2.	Trump Nickel Watch	4
No. 3.	Trump Gun Metal Watch	5
No. 4.	No. 14 Silver Watch	8
No. 5.	7 Jeweled Gent's Elgin in 3 oz. Nickel Case	10
No. 6.	7 Jeweled Gent's Elgin in Gun Metal Case	11
No. 7.	7 Jeweled Gent's Elgin in Sterling Silver Case	14
No. 8.	7 Jeweled Gent's Elgin in 20-year Filled Case	18
No. 9.	7 Jeweled Gent's Elgin in 25-year Filled Case	21
No. 10.	15 Jeweled Gent's Elgin in 3 oz. Nickel Case	15
No. 11.	15 Jeweled Gent's Elgin in Gun Metal Case	15
No. 12.	15 Jeweled Gent's Elgin in Sterling Silver Case	18
No. 13.	15 Jeweled Gent's Elgin in 20-year Filled Case	21
No. 14.	15 Jeweled Gent's Elgin in 25-year Filled Case	25

## Ladies' Watches.

No.	Description	New Subscribers.
No. 15.	Gun Metal Swiss Chatelaine	4
No. 16.	Sterling Silver Swiss Chatelaine	5
No. 17.	Nickel American O. F., large size	5
No. 18.	Gun Metal American O. F., large size	5
No. 19.	Nickel, small size	9
No. 20.	Gun Metal, small size	10
No. 21.	Sterling Silver, small size	10
No. 22.	7 Jeweled Elgin in 20-year Filled Hunting Case	20
No. 23.	7 Jeweled Elgin in 25-year Filled Hunting Case	22
No. 24.	15 Jeweled Elgin in 20-year Filled Hunting Case	23
No. 25.	15 Jeweled Elgin in 25-year Filled Hunting Case	25

## Description of Watches.

The accompanying cuts fairly well represent all the Ladies' and Gents' Watches, and a description of each as numbered is as follows:

No. 1. American Nickel Key-wind Boy's Watch that is absolutely guaranteed to keep good time and give satisfaction.

No. 2. Gent's Nickel American O. F. Watch; stem wind, and push-in stem and turn to set hands. This is a very strong, reliable Watch.

No. 3. Same as No. 2, excepting that it has Gun Metal case instead of Nickel case.

No. 4. Is a smaller-sized Gent's Watch, has sterling silver case, O. F. Screw Back and Bezel; stem wind, and push-in stem and turn to set hands. This is the lowest-priced and most reliable Boy's or small Gent's Silver Watch that is on the market.

No. 5. Is fitted with 7-Jeweled Nickel, first-quality Elgin movement. The case is a 3-oz. O. F. Nickel case; stem wind and set; screw back and bezel case.

No. 6. Same movement in Gun Metal or Black Steel screw back and bezel case.

No. 7. Same movement with Sterling Silver O. F. screw back and bezel case.

No. 8. Same movement in 20-year guaranteed Gold Filled O. F. screw back and bezel case.

No. 9. Same movement in 25-year guaranteed Gold Filled O. F. screw back and bezel case.

Nos. 10, 11, 12, 13 and 14 are fitted in the same style of cases as Nos. 5, 6, 7, 8 and 9; the difference is in the movement, and the movement is 15-Jeweled Nickel, first-quality Elgin movement.

No. 15. Is a small-sized Swiss O. F. Gun Metal Chatelaine Watch.

No. 16. Is the same, only with Sterling Silver case, which can be had nicely engraved.

Nos. 17 and 18 are a good-quality American Watch, O. F. stem wind, and push-in stem and turn to set hands. These are a little larger than the usual Ladies' Watches, and are smaller than the usual Boys' Watches, though can be used for either Boys, Girls or Young Ladies.

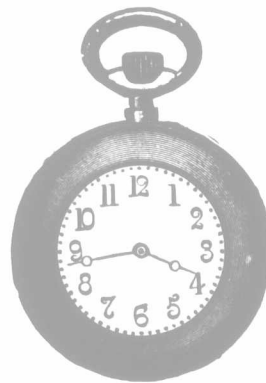
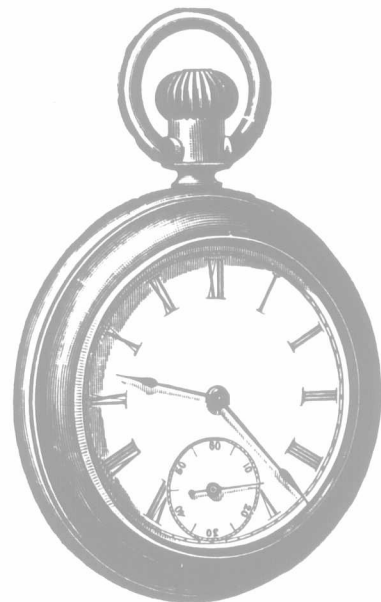
Nos. 19, 20 and 21 are small sized; in fact, are the exact size of cut. These are American Watches, O. F. stem wind, and push-in stem and turn to set hands, and are first-class timekeepers. Will give perfect satisfaction.

If a nice leather wrist case is desired with these watches, send two extra subscribers.

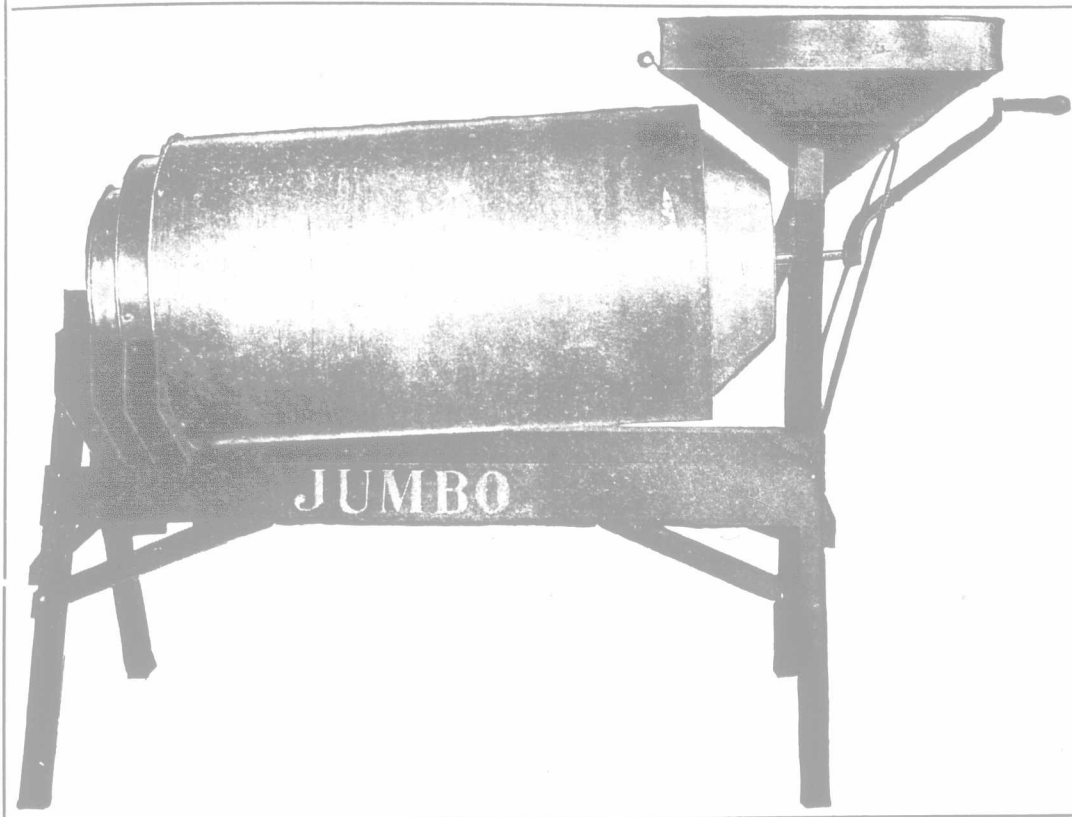
Nos. 22, 23, 24 and 25 are similar to the accompanying cut. These are regular Ladies' Hunting Watches. Nos. 22 and 24 are fitted in 20-year guaranteed Gold Filled cases, nicely ornamented, or to be had in plain or plain engine turned, and the same applies to Nos. 23 and 25, excepting that they are fitted in 25-year guaranteed Gold Filled cases, and 14k Gold-Filled; 22 and 23 are fitted with 7-Jeweled Nickel, first-quality Elgin movements. Nos. 24 and 25 are fitted with 15-Jeweled Nickel, first-quality Elgin movements.

When making your choice of Watch as premium, be sure to mention its number as given in premium list, also whether Lady's or Gent's.

The WM. WELD CO., Ltd., Winnipeg, Man.



# Beeman's New Process Grain Cleaners



ARE NOW TAKING THE LEAD IN ALL PARTS OF THE COUNTRY WHERE THEY HAVE BEEN INTRODUCED.

We have discarded all the time-worn devices used in old-style fanning-mills, and have a strictly up-to-date machine for up-to-date farmers. It is no experiment, but is the result of 20 years' careful study and improvement in this line.

Hundreds of farmers in Western Canada who have purchased our machines in the last two years stand ready to testify to their superior merit.

### WHAT WE CLAIM:

1st. That our Jumbo Cleaner will make a more perfect separation of wild or tame oats from wheat, once through, than any other machine will three times through, and the only machine that will successfully separate oats from barley or spelt.

2nd. That our machine will make a more perfect separation of cockle, wild buckwheat and all other foul seeds from the different kinds of grain than it is possible to make on any other machine, no matter how many times it is run through.

3rd. That our Jumbo, when used with the flax attachment, will clean more flax and do better work than any machine made.

**"A THREE-BAGGER."**

Our Jumbo Cleaner is the only machine made with a bagging attachment that sacks all three separations—clean wheat, screenings, and tailings. It is the only machine made with a bluestone attachment that bluestones the grain as it is being cleaned. Our machines are sold on a positive guarantee to do as claimed, or no sale.

Agents wanted everywhere, and special prices made to farmers for the purpose of introduction where we have no agency established. Write to-day for catalogue.

131 Higgins Ave., Winnipeg, Man., or  
2902 Pleasant Ave., Minneapolis, Minn.

## BEEMAN & CO.

N. B.—We are the first and only American manufacturers of this class of goods to establish a factory in Western Canada for the convenience of the Canadian trade.



### POSITIONS GUARANTEED



# O'SULLIVAN Business College.

OPPOSITE CITY HALL SQUARE,

Corner Main and Market Streets,

WINNIPEG.

DAY  
AND  
NIGHT  
SCHOOL.

*There are two most valuable possessions which no search-warrant can get at, which no execution can take away, and which no reverse of fortune can destroy. They are what a man puts into his head—knowledge, and into his hand—skill.*

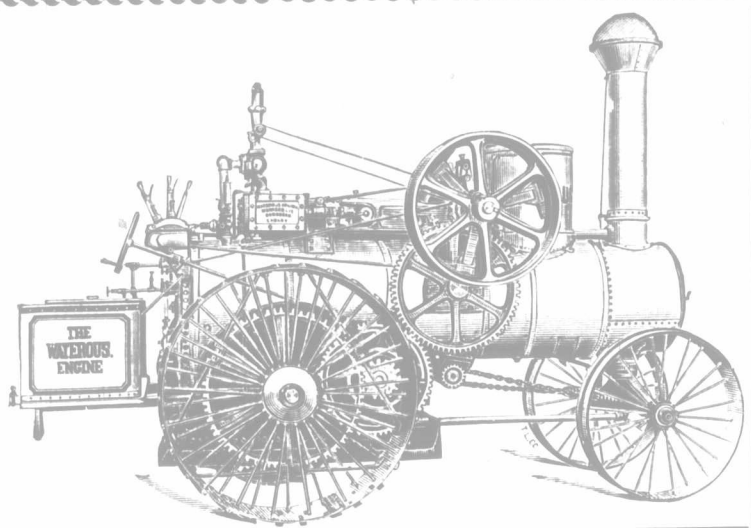
INDIVID-  
UAL  
INSTRUC-  
TION.

Actual Business Bookkeeping, Penmanship, Arithmetic, Shorthand, Touch-Typewriting, etc., thoroughly taught.

### ONE WEEK'S TRIAL GIVEN.

Please call or write for catalogue and other information to

**E. J. O'SULLIVAN, C.E., M.A.,** Corner Main and Market Streets, **Winnipeg, Man.**



**"HAWKEYE"**

Is the name of the best and most successful Band Cutter and Feeder.

**"BELL CITY"**

The name of the lightest thresher—24" and 32".

- Saw Mills
- Shingle Mills
- Planers and Matchers
- Lath Mills and
- Gasoline Engines

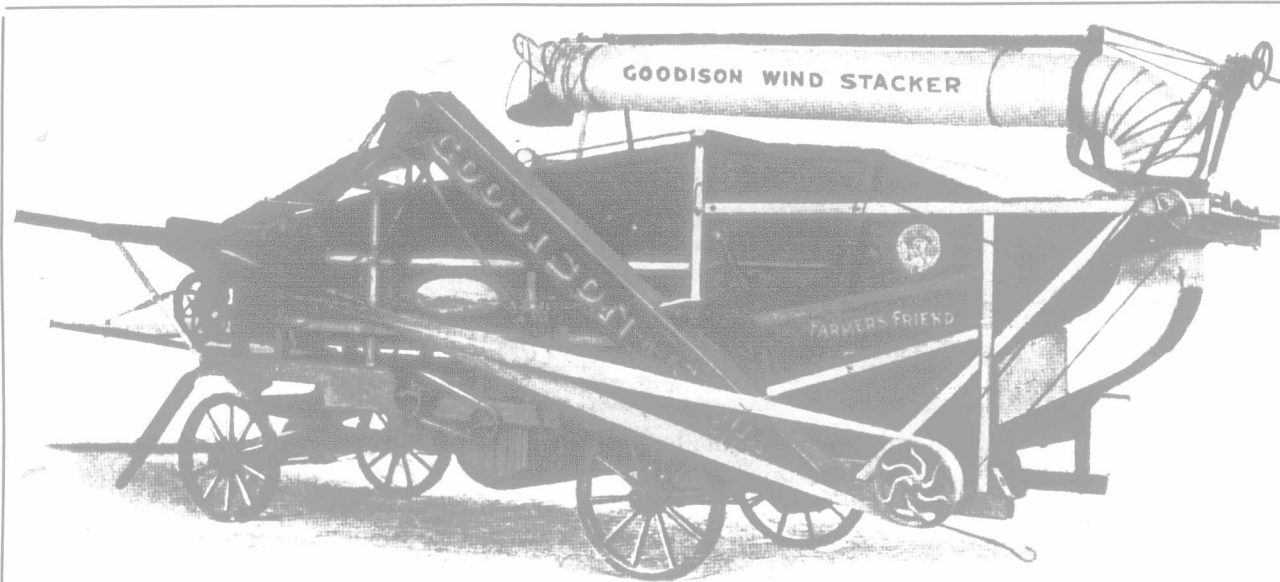
The **Waterous Engine Works Co., Ltd.**  
**WINNIPEG, - - MANITOBA.**

**The Waterous Double-Cylinder Traction Engine**

THE SUCCESS OF THE SEASON. IT STANDS WITHOUT AN EQUAL. Intending purchasers should look well into the merits of this engine before placing their orders for the season of 1903.

**The New McCloskey Thresher**

SPECIALY BUILT FOR THE NORTHWEST TRADE.



**Brandon's Leading Hardware Store**

**JOHNSON & CO.**

There's economy and satisfaction in dealing at this store, where goods are dependable and prices are in your favor.

TABLE CUTLERY.	RAZORS.	Big Bargains in Shotguns and Rifles.
Half dozen celluloid-handled knives, mahogany silk-lined case.....\$ 9 00	Gem Safety, with strop and stropping machine.....\$4 25	In order to clear the balance of our stock of guns and rifles, we are giving special low prices.
One dozen each table and dessert celluloid-handled knives, with two sets carvers, mahogany satin-lined case.....30 00	H. Boker's, with our own name on blade, guaranteed.....1 50	Single barrel, patent ejector.....\$ 8 50
One dozen pearl-handled silver knives and forks, mahogany or morocco cases.....25 00	Clauss make, guaranteed.....\$2.00 and 2 25	Single barrel, top action.....8 00
Half dozen 1817 Rodgers table or dessert size, in card box.....3 00		Double barrel, lower action.....10 00
<b>CARVING SETS.</b>	<b>LAMP GOODS.</b>	Double barrel, top action.....12 00
Two-piece sets, buckhorn handles.....\$1 00 to 3 00	Beautiful hanging lamps without bangles.....3 50	Double barrel, top action, patent fore and pistol grip.....15 00
Three-piece sets, buckhorn handles, in satin-lined cases.....3 75 to 9 00	With prisms.....\$5, \$6, \$6.50 and 7 00	Savage rifles.....26 00
Five-piece sets.....9 00 and 10 00	Rochester lamps, for churches and schools.....5 50	Winchester, 40 82.....20 00
ALL THE BEST STEEL.	Handsome parlor lamps, 9 in. globes.....3 00	Boy's rifle, 22.....4 00
<b>SKATES.</b>	Beautiful hall lamps.....3 00	Revolvers, 32.....5 50
H. Boker's hockey skates.....1 50	<b>GRANITE and TINWARE.</b>	Revolvers, 38.....6 00
Dunn tubular.....5 50	Beautiful blue teapots.....1 25	Hammerless blued steel.....8 00
Spring skates, No. 5.....65	Beautiful pearl granite.....50	Air rifles.....1 25
Hyde Park.....2 25	Handsome nickel-plated teapots.....2 50	
	Nickel teakettles, No. 9, \$1.25, \$1.50, \$2. 2 50	If you want a good gun cheap, now is the time. Send in the cash with order and we will send gun by express to your address. If not satisfactory, we will refund you your money.
		Mention this Advertisement.

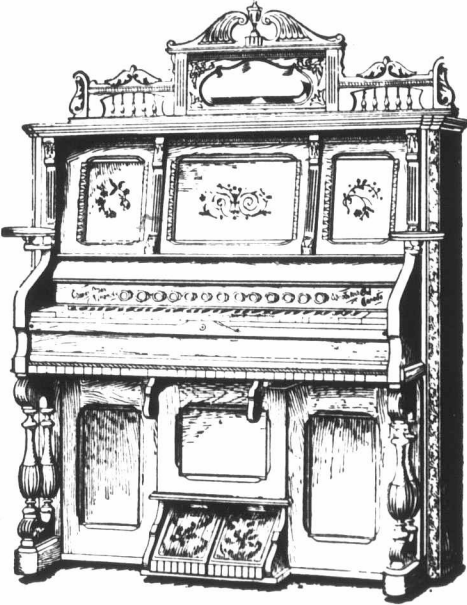
For satisfactory goods and satisfactory prices, buy from

**JOHNSON & CO'Y.**



**CHRISTMAS**  
IS HERE.  
JUST TIME TO SHIP YOU A NICE  
PIANO OR ORGAN  
BEFORE THE NEW YEAR.

**NEW CENTURY MODEL**  
Price \$145.00,  
PRESENT HOLIDAY PRICE - **\$120.00**



**THOMAS ORGAN**  
THE  
SIMPLEST AND MOST PERFECT ACTION.  
THE  
QUALITY OF TONE UNEXCELLED.

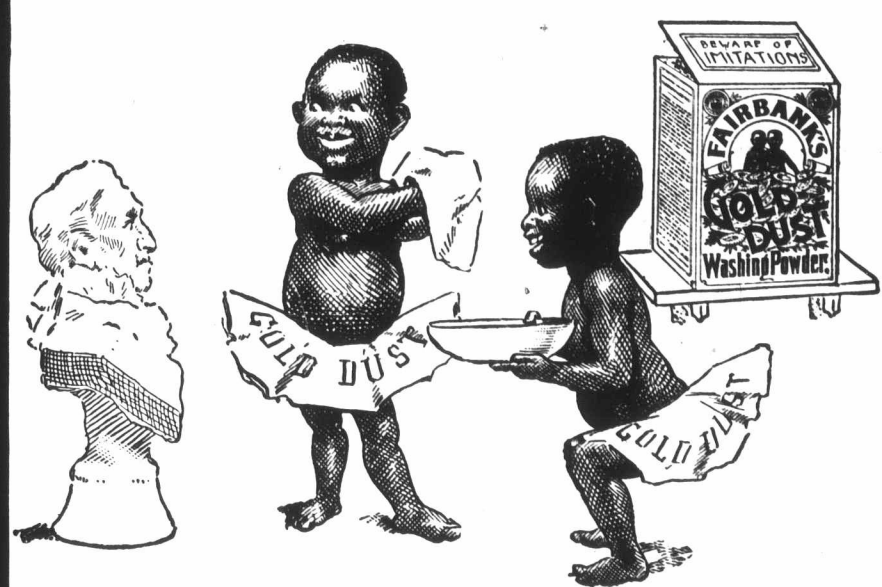
6 Octaves, 11 Stops, 4 Sets Reeds; height, 5 ft. 11 in.; width, 1 ft. 10 in.; depth, 1 ft. 11 in.; weight, boxed, 120 lbs. In mahogany finish, walnut or quartered oak. Beautifully polished case with marquetry panels, automatic swinging fall-board and music rest, nickel pedal frames, mouse-proof pedals.

THE THOMAS ORGAN LEADS THEM ALL. HANDSOME CASE, FINEST PIANO FINISH, GENUINE WOODS.

**EVERYTHING IN MUSIC.**  
SHEET MUSIC, MUSIC BOOKS,  
SMALL MUSICAL INSTRUMENTS,  
EDISON'S PHONOGRAPHS and RECORDS.

**GRUNDY MUSIC CO.,** 473 Main St., **Winnipeg, Man.**

**"Let the GOLD DUST twins do your work."**



Don't use soap for your cleaning.

## GOLD DUST

is more convenient, cheaper and better than Soap at any price. It softens hard water, lessens labor and injures nothing.

Made only by THE N. K. FAIRBANK COMPANY,  
Montreal, Chicago, New York, Boston, St. Louis - Makers of COPCO SOAP (oval cake).

**GOSSIP.**

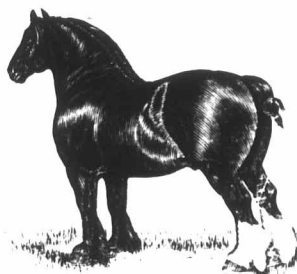
In writing to the "Farmer's Advocate," of recent date, Alex. Galbraith & Son, Jamesville, Wis., state: "We have just shipped by express to our branch stables at Brandon, a carload of extra choice Clydesdale, Shire and Percheron stallions. There are twelve in all, and, taken as a lot, they are, we believe, quite superior to anything that we or any other firm ever sent into the Province of Manitoba. Among the Clydesdales are Sturdy Royal, winner of first prize and reserve championship at the recent International Show at Chicago. He was also a winner at the Royal Show of England last July, and is, without doubt, one of the most perfectly made Clydesdales before the public to-day. Concord, aged four, is another beautiful horse in this shipment. He was twice a winner at the Highland Society Show in Scotland, and took third at the International in a strong class, being placed ahead of the \$5,000 horse, Benedict. Another fine horse is the big, handsome five-year-old, Magnet, a son of Baron's Pride. Magnet received the commended ribbon at Chicago, although some good judges would have

given him a much higher rating. For style and quality, combined with great size, this horse stands almost without a rival. He was the Perth district premium horse in Scotland last season. Godolphin is one of the handsomest two-year-olds seen in many a day, and no less an authority than Mr. Andrew Montgomery has pronounced him the best Clydesdale imported in 1902. He is by McGregor, out of the show mare, Banks' Treasure, by Baron's Pride. Space forbids the mention of more than the names of the others in this important shipment of high-class horses. The six-year-old bay Shire stallion, McKinley, is a massive horse, weighing over a ton, and choicely bred. The imported Black Percheron stallions, Farcour, Admiral and Lou Lou, are all strictly first-class animals, and will doubtless find ready purchasers.

Messrs. Bell Bros., Bradford, Ont., breeders of Shorthorn cattle, whose advertisement appears in this paper, in ordering a change in the style from Joseph Bell Estate to that of Bell Bros., write: "Our young Shorthorns are doing well, being a strong, thrifty lot of calves, of the right type. We have had a lot of inquiries through our advertisement in the "Farmer's Advocate," and have sold heifers and bulls to the Northwest, Manitoba, the States, and also to different parts of Ontario and Quebec, at good figures.

Mr. R. McLennan, north of Holmfild, owns a choice herd of the thick, deep, blocky type of Shorthorns. Size and quality are essentials in the make-up of good beef cattle. We must have size to meet the demands of the trade, yet coupled with that it is equally important that this size be full of quality. The stock bull on this farm is the imp. Sir Colin Campbell, by Royal Mail, out of Clara 32nd. He is a lengthy, well-proportioned animal, with fine chest and exceptionally well-sprung ribs, and good deep hind quarters; bred by W. Anderson, Aberdeenshire, Scotland. Sir Colin won second in aged class at the Winnipeg Fair this fall. All the young things calves, yearlings and two-year-olds—except one two-year-old by Royal Duke, are the progeny of Sir Colin. The young stock are a robust, thrifty, well-grown lot, speaking

well for the care and attention they get, as well as showing by their forms and general Shorthorn characteristics that the blood coursing through their veins has got that element of ancestry in it which distinguishes from the ordinary. The cows, ten in number, are strong individually, full of quality, with good pedigrees: Clementina 2nd of Lakeside, sired by Earl of Lancaster, and out of Cleora (imp.), by Gladstone (18286); grandam Clementina 7th, by Golden Prince (38353); great grandam Clementina 4th, by Favorite (33894), being one of them. Of almost like breeding, there are Clementina A, Clementina B, Clementina C, Mac's Clementina, and others, such as Rosebud Maid, Glengary Maid, Royal Rose, etc. The young males of this herd are strong, masculine fellows, giving good promise of becoming stock bulls of the right type.



**CRAIGIE MAINS GLYDESDALES**

**A. & C. Mutch, Lumsden, Assa.**

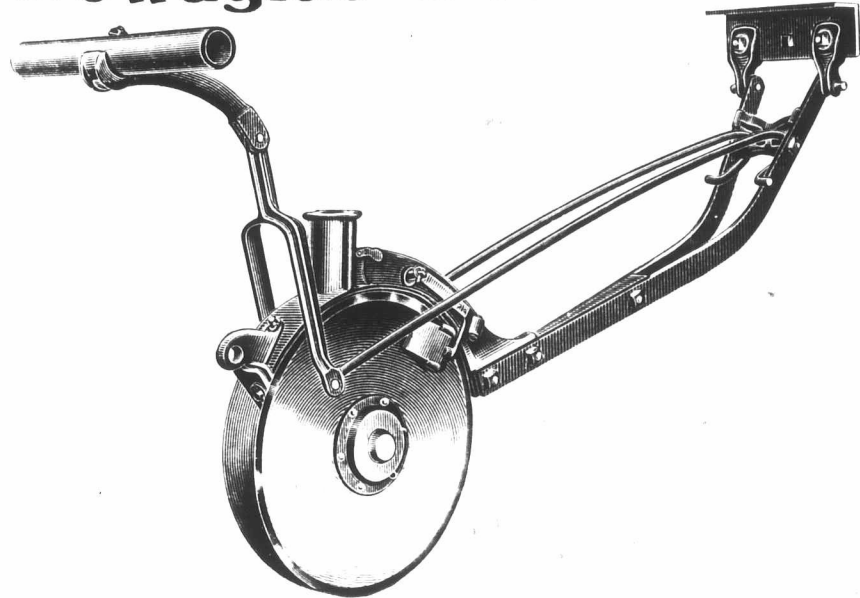
**BREEDERS AND IMPORTERS.**

A few young **Stallions, Mares and Teams for Sale.**

Mr. Alex. Mutch, now visiting in Ontario, is prepared to fill orders for stallions or mares selecting from the best studs. Correspondence solicited. Address, till March 1st,

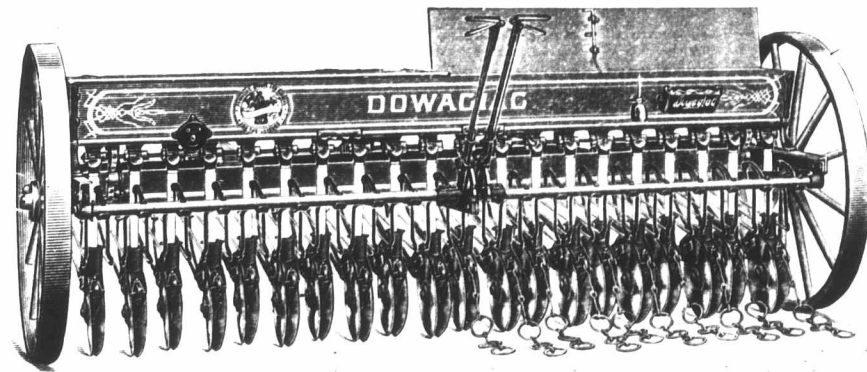
ALEX. MUTCH, 170 King St. E., Toronto. A. & C. MUTCH, Lumsden, Assa.

**Dowagiac Double Disc Drill**



Special

Features:



Rod pressure springs, which never weaken or break; self adjusting inside and outside scrapers, with spring tension; chilled, dust-proof disc hubs.

**DOWAGIAC MANUFACTURING CO.,**

Branch House: FARGO, N. D.

DOWAGIAC, MICH.

# THE D. W. KARN CO'Y, LTD.

BRANCH WAREROOMS:

H. O. WRIGHT, Manager.

262 Portage Ave.,

WINNIPEG, MANITOBA.

## KARN ORGANS

Best in the World. 60,000 in use.  
Special designs for churches,  
schools, etc., etc.

## KARN PIANOS

Best in Action, Tone, Finish and General  
Excellence. Warranted for ten years.  
Prices consistent with quality.

### Karn Is King!

**Pianauto**  
Karn Piano Player. Perfect in time and expression. Only  
piano-player made in Canada. Patronize home industry.

**Pipe Organs**  
Tracker, tubular and electric. Ten years'  
guarantee. Specifications, plans, etc., on application.

HEAD OFFICE  
AND MANUFACTORY:  
**WOODSTOCK,**

**ONTARIO,  
CANADA.**

# Melotte

Write  
for  
Catalogue.

URNS EASIEST,  
SKIMS CLEANEST,  
WEARS LONGEST.

## Cream Separators

THE MELOTTE CREAM SEPARATOR CO., Winnipeg:  
Dear Sirs,—

Murillo, Nov. 20, 1902.

I purchased one of your No. 1 machines from your agent, G. H. Hyndman, of Murillo, in August, 1901, and it has given me every satisfaction. It has done far better than I expected it to do, and we have saved over 40% more butter than we would have otherwise done. We took the three first prizes at one fall show on crock, rolls and prints, and I can highly recommend them to any one requiring a first-class separator.

Yours truly,

(Sgd.) THOS. HUGHES,  
Reeve of Municipality of Oliver.

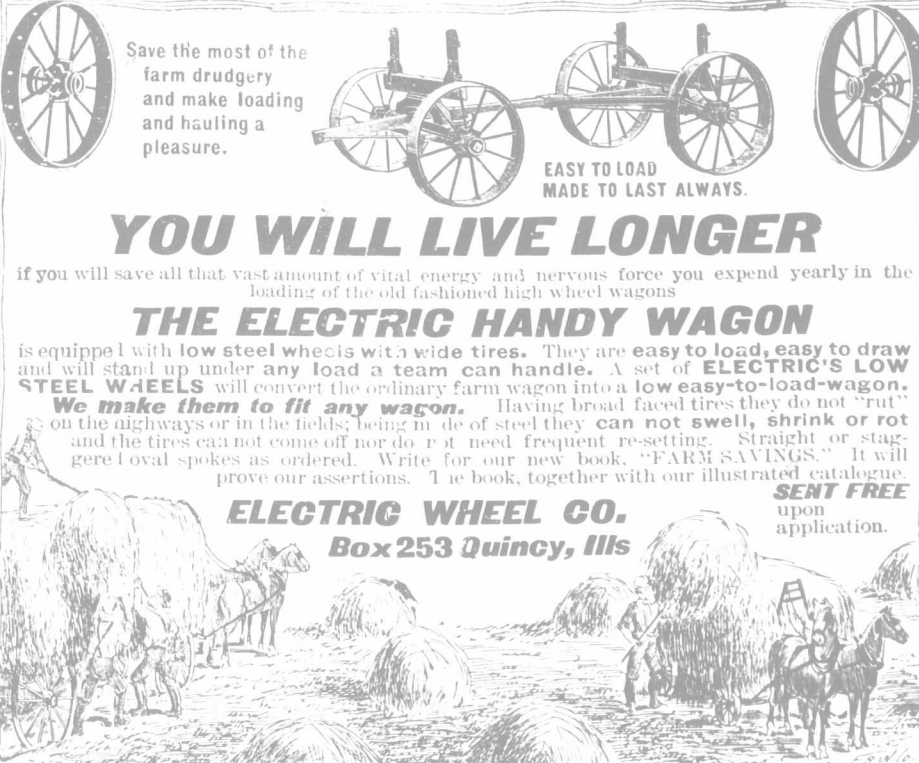
MELOTTE CREAM SEPARATOR COMPANY, LTD.

BOX 604

124 PRINCESS STREET, WINNIPEG, MAN.

**NOTICE.**

**USES OF BUILDING CEMENT.**—One of the growing needs of this Western country is more building material, of durable quality, reasonable price, and that can be economically constructed so as to please the eye when finished. Wood, to be universally used, is out of the question when we consider durability and cost; brick and stone, likewise, give place to cement in a country like ours when the question of cost in its full entirety is considered. The growth of the cement industry has been remarkable of late years, and the uses to which this valuable material can be satisfactorily employed are so many and varied that little in the way of building on the farm is ever undertaken but can be well completed with it, provided the quality is good and the mixing done properly. Cement promises to replace brick and stone for buildings, also for all kinds of heavy foundations. Governments of almost every civilized land are freely using it for their large undertakings. Look at the lift lock on the Nassau Lake section of the Trent canal, constructed entirely of cement, 30,000 bbls being used. The Topeka bridge, with its five spans, the center one alone having a clear length of 125 feet, is built of cement. The National Galleries of History and Art at Washington, now under process of construction, are being built of Portland cement. These will cost, when completed, \$10,000,000, and would cost in stone about four times that amount. The Peavey grain elevator at Duluth, which holds 2,000,000 bushels of grain and cost approximately half a million dollars, was built of cement. The railway companies of India, Ceylon and Egypt erect their stations and approaches out of it, and concrete railway ties are coming into use in Europe and are being tried in the United States. In Germany, 20,000,000 bbls. are manufactured yearly, and 40 per cent. of burnt-clay roofing-tile has been superseded by concrete tile during the last ten years. In France and Germany, extensive concrete fortifications have been made, requiring several hundred thousand barrels of cement. In 1900, England alone contracted for \$20,000,000 worth of underground concrete work. These facts prove that it is truly valuable and much thought of. Monuments, pillars, street paving, floorings of all kinds, stairways, factory chimneys, silos, engine foundations, irrigating flumes and canals, sewer pipes, reservoirs, conduits, tunnels, etc., are all made, and made well, out of cement. Some of the large battleships are now lined with cement, and it is claimed to give twice as much buoyancy as the steel it replaces. But perhaps greatest of all, from our point of view at present, is the blocks for building purposes which can be made out of it, of any shape, size and design, without the tremendous cost of chiseling. Make the moulds, the designs of which can be as elaborate as the mind can conceive, then prepare the mixture, pour in, pack and allow to harden, and the work is complete. The ready susceptibility of this mixture to receive almost any color, except white, also enhances its attractiveness and makes it an admirable imitation of the most expensive stone, with equal lasting qualities. Then another advantage is that concrete walls are fire and vermin proof, and the blocks are now made with about one-third open space, so jointed as to form continuous vertical flues from bottom to top, thus



Save the most of the farm drudgery and make loading and hauling a pleasure.

**EASY TO LOAD MADE TO LAST ALWAYS.**

**YOU WILL LIVE LONGER**

If you will save all that vast amount of vital energy and nervous force you expend yearly in the loading of the old-fashioned high wheel wagons

**THE ELECTRIC HANDY WAGON**

is equipped with low steel wheels with wide tires. They are easy to load, easy to draw and will stand up under any load a team can handle. A set of **ELECTRIC'S LOW STEEL WHEELS** will convert the ordinary farm wagon into a low easy-to-load wagon. We make them to fit any wagon. Having broad faced tires they do not "rut" on the highways or in the fields; being made of steel they can not swell, shrink or rot and the tires can not come off nor do they need frequent re-setting. Straight or staggered oval spokes as ordered. Write for our new book, "FARM SAVINGS." It will prove our assertions. The book, together with our illustrated catalogue.

**ELECTRIC WHEEL CO.**  
Box 253 Quincy, Ills

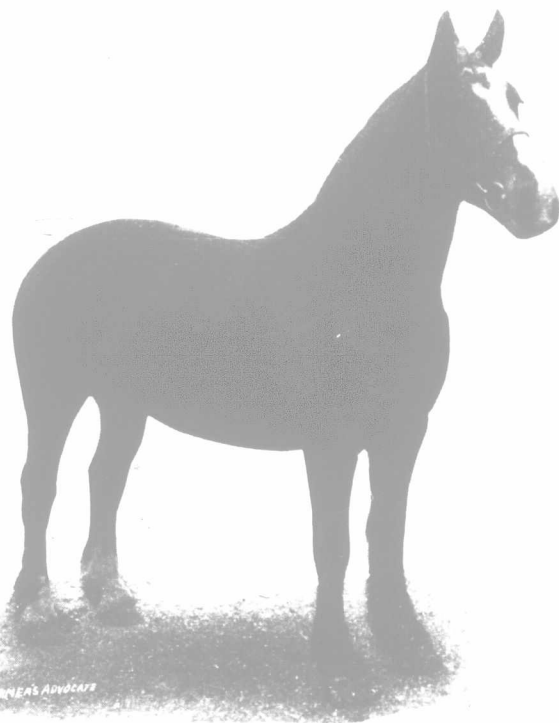
SENT FREE upon application.

MANITOBA AGENTS: WESTERN IMPLEMENT CO., WINNIPEG, MAN. ONT.

**TROTTER & TROTTER**  
BRANDON.

Largest Horse Dealers in Western Manitoba.  
Light and Heavy Horses always in stock.  
Buggies and Harness a specialty.

For over 20 years we have bought and sold choice horses.



ELLEN TERRY.

The rapid increase of our business proves that our customers are satisfied.

Those who buy from us have the experience of an old, reliable firm. Our stock is always large. Our buildings have been greatly increased of late. Complete outfits can be bought here as cheaply as from any eastern firm. Write us for prices, or wire at our expense.

producing dead-air chambers and reducing to a minimum the conductivity of heat and moisture. A building made with them is consequently comfortable and healthful.

In cases where required, these flues can be converted into ventilation systems or used as warm-air carriers at will.

Again, this hollow interior insures greater strength in proportion to amount of material used, and another advantage is that cement does away with the expense of lathing, as plaster can safely be applied direct. So that in a country like ours, where wood and stone are so expensive, and where transportation and labor costs so much, this material, which can be constructed more rapidly, with less skilled labor, consequently cheaper, should be used. Cement certainly would be used much more freely in many localities, provided the raw material could be conveniently located in proper proportions, and with us that part, we are told, is now assured. South-west of Morden, on the banks of the Pembina, a great deposit has been found, which, owing to its being exposed by nature, and not under water, as is common, can be handled much more cheaply than usual. The chemists' reports, after having thoroughly tested and analyzed it, are decidedly favorable.

Col. H. N. Ruttan, city engineer, Winnipeg, examined the cement location and had samples taken at random and tested, and he says: "From the analysis, you will be able to make a Portland cement of the best quality, and from the appearance of its outcrop on the banks of the Pembina valley, the supply seems to be inexhaustible."

One of the chief troubles at present, is that the demand exceeds the supply. It is next to impossible to get what is needed, and yet the profits are big. A strong advantage in favor of a home company is that as the present freight charges are high (\$1.20 per barrel from Toronto), this would be held in our own province.

The estimated figures for a barrel of cement by this new company are as follows:

Coal, at \$7 per ton.....	42 cents
Excavation .....	3 "
Cost of barrel or sacks.....	20 "
Interest .....	18 "
Wages at \$2.50 per day.....	25 "

Cost f.o.b. at Morden \$1.08

The best quality of Portland cement is now selling for \$1.50, and if this new corporation sell for that, and it is likely they will, seeing the quality of their product is high and the demand stronger than the supply, this means a clear profit of \$3.17 on each barrel, provided they have made their calculations correctly. As this factory is supposed to turn out 1,000 barrels per day, the totals will figure out well by the year.

The enterprise is capitalized at \$1,000,000, in \$5.00 shares. This will be the first Portland cement mill in Manitoba to use the labor-saving improved rotary kiln process. The whole staff are able, experienced men.

**GOSSIP.**

Green Grove Stock Farm lies about four miles north of Erin station, C. P. R., in the county of Wellington, Ont., and is the property of George D. Fletcher, of Binkham, breeder of high-class Shorthorn cattle. The herd numbers about thirty head, and is represented by such families as Nonpareils, Crimson Flowers, Missies, Languishes, Butterflies and Jessamines. The herd has been headed for the past four years by the noted English Lady bull, Spicy Robin = 28259, winner of second prize at Toronto and London exhibitions, 1902. This bull has been of excellent service in the herd. His massive character, his thickness and smoothness of flesh, and his gilt-edged breeding has been greatly impressed upon the young stock, notably Roan Missie = 44897, which sold for the handsome sum of seven hundred and forty dollars in June, 1902, by public auction, and Verbera Languish, the highest-priced female at the Provincial sale, Ganahy, 1901. Owing to quite a number of Spicy Robin's calves now coming into the breeding herd, Mr. Fletcher has concluded to dispose of Spicy Robin, though in the prime of his usefulness.

THE actual value of insurance is determined not by the amount of premium paid, but by the manner in which the insuring company meets the loss claims of its policy-holders. Better pay a little more premium, if necessary, and get insurance that insures in fact as well as in name.

**WESTERN CANADIAN HAIL INSURANCE COMPANY,**

HEAD OFFICE: WAWANESA, MANITOBA,

Extends to the readers of the "Farmer's Advocate" most cordial Christmas, and New Year's greetings. Investigation will show that our premium rates average no higher for a policy than guarantees payment of loss, if any, than the rates of other companies that cannot give any such guarantee. Think this over.

JOS. CORNELL, SECRETARY-MANAGER.

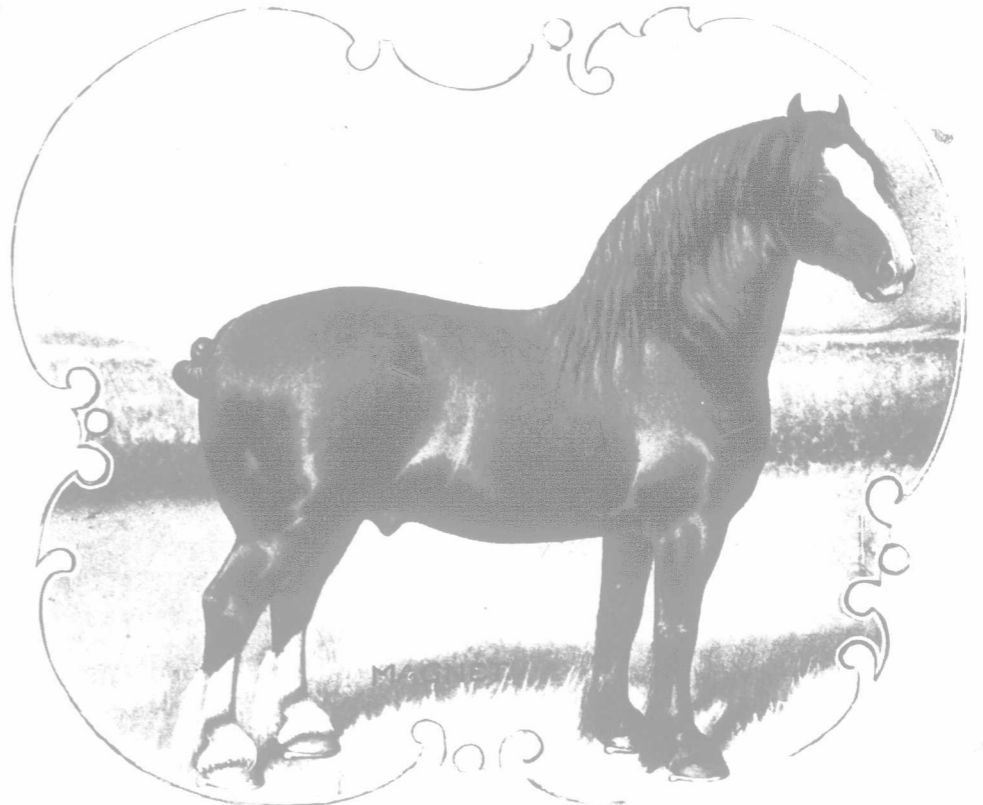
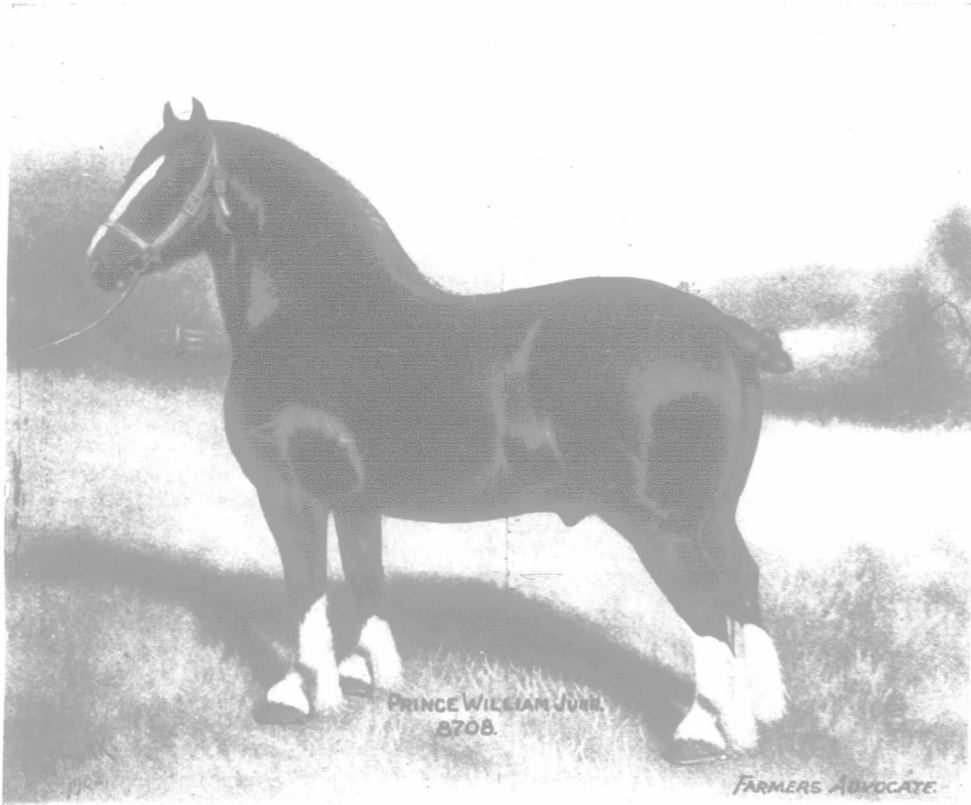
# Alex. Galbraith & Son

JANESVILLE, WIS.

BRANDON, MAN.

IMPORTERS FOR THE PAST TWENTY YEARS OF THE HIGHEST CLASS OF DRAFT AND COACH STALLIONS,

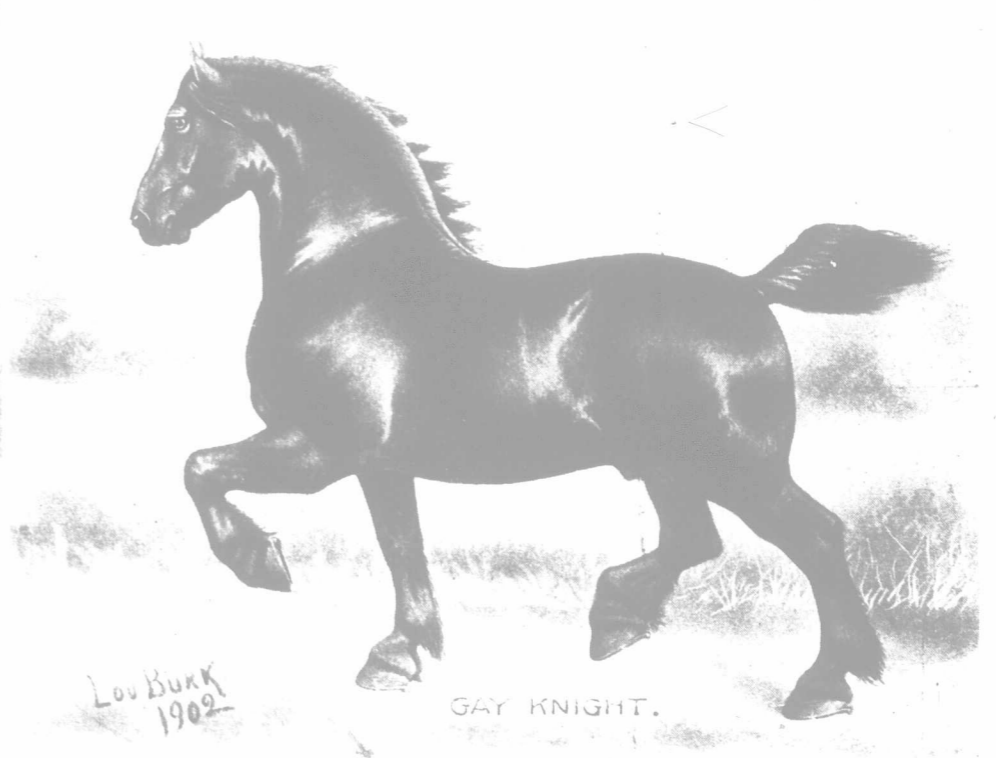
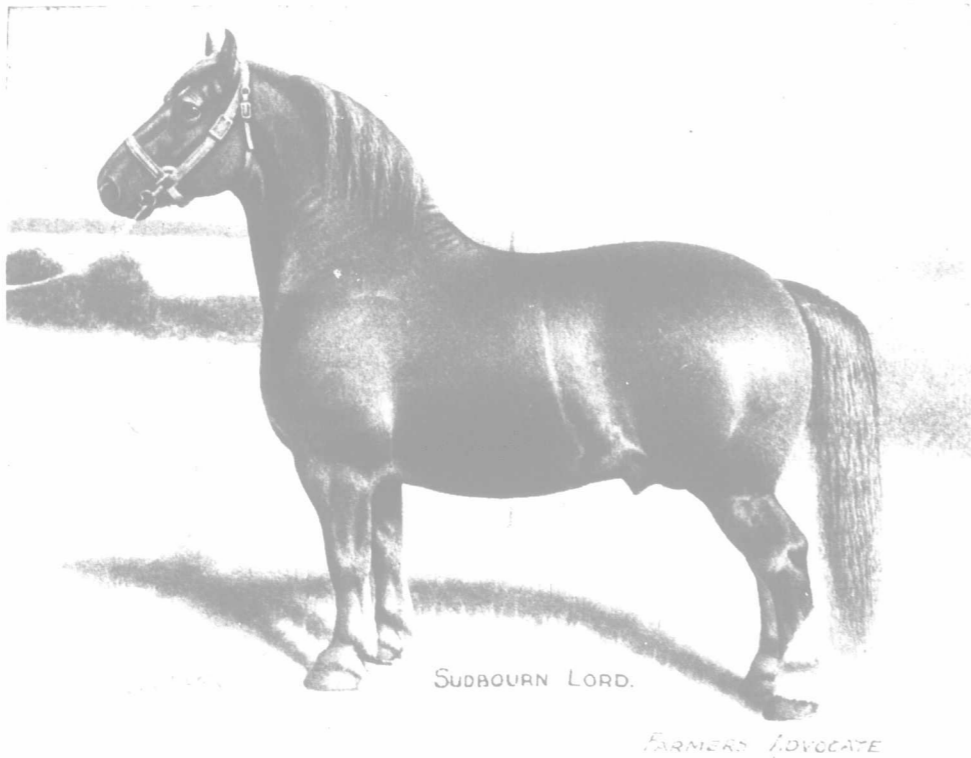
**Clydesdales, Suffolks, Percherons, Hackneys.**



The choicest breeding, combined with the highest individual merit in the sire, is what produces the market-topping geldings and the prizewinning stock.

A glance over the pedigrees of our stallions shows prizewinning ancestors in the majority of cases, while the record of the leading show-yards in America during the twenty years proves that the Galbraith horses have won more prizes than those of any other firm on the continent.

No man, however great an expert, can purchase stallions and feel sure that he is getting his money's worth. He must, as a matter of fact, depend to a great extent on the truthfulness of the seller's statements and on his ability and willingness to make good all representations and warranties. Many people do not discriminate sufficiently between dealing with a firm that during a quarter of a century has proved to be thoroughly reliable and trustworthy as compared with people who have no such reputation.



We court enquiry and investigation as to the character of our business methods and of the stock we are placing on the market, and shall be pleased to give all necessary information to enquirers who mean business and appreciate clean business methods. If your district requires a stallion, write to

**JAMES SMITH,**

MANAGER,

LAUBIER BROS.,

BRANDON, MAN.

**FARM GOSSIP.**

**Sure Signs of Approaching Atmospheric Changes.**

If at sunrise there are many dark clouds seen in the west and they remain there, rain will fall on that day.

If the sun draws water in the morning, it will rain before night.

When the sun rises with dim, murky clouds, with black beams and clouds in the west, expect rain.

If the sun rises clear, then is shadowed by a cloud, and comes out again clear, it will rain before night.

Red skies in the evening precede fine mornings.

A red sun indicates fair weather.

A red evening indicates fair weather, but if the red extends far upward, especially in the morning, it indicates wind or rain.

A very red sky in the east at sunset indicates stormy winds.

If the sun sets in dark, heavy clouds, expect rain the next day.

A bright yellow sunset indicates wind; a pale yellow, wet.

If the sun sets pale, it will rain tomorrow.

A halo around the sun indicates the approach of a storm, within three days, from the side which is most brilliant.

If there be a ring or halo around the sun in bad weather, expect fine weather soon.

Haze and purple western sky indicates fair weather.

A blur of haziness about the sun indicates a storm.

If the sun burn more than usual, or there be a halo around the sun in fine weather, expect rain.

When the sun in the morning is breaking through the clouds and scorching, a thunder storm follows in the afternoon.

Pale yellow twilight, extending high up, indicates threatening weather.

Sun dogs in summer indicate a storm.

**GREAT COMBINATION  
Shorthorn Sale**

IN THE **Sale Pavilion**  
OF THE **Hamilton Stock-yards Company,**

AT  
**HAMILTON, WEDNESDAY, JAN. 28, 1903**

WILL BE SOLD **60** HEAD OF  
AT AUCTION . . **HIGH-CLASS  
SHORTHORNS**

Contributed by the following breeders:

- |                         |                     |
|-------------------------|---------------------|
| SENATOR M. H. COCHRANE, | Hillhurst, Que.     |
| CHARLES RANKIN,         | Wyebridge, Ont.     |
| HUDSON USHER,           | Queenston, Ont.     |
| J. M. GARDHOUSE,        | Weston, Ont.        |
| HARRY SMITH,            | Exeter, Ont.        |
| W. D. ROBERTSON,        | Oakville, Ont.      |
| GEO. AMOS,              | Moffat, Ont.        |
| SENATOR DRUMMOND,       | Pointe Claire, Que. |
| H. J. DAVIS,            | Woodstock, Ont.     |
| W. D. FLATT,            | Hamilton, Ont.      |

For Catalogues, apply to

-om

**W. D. FLATT, - - HAMILTON, ONT.**

AUCTIONEERS: - CAPT. T. E. ROBSON, ILDERTON; THOS. INGRAM, GUELPH;  
GEO. JACKSON, PORT PERRY.

**GOSSIP.**

**MANITOBA'S GRAIN CROP, 1902.**

Manitoba's total yield of all grains has passed the hundred million mark. Such is the official estimate just issued by the Provincial Department of Agriculture. The total yield for the year 1902 of all grains is 100,052,343 bushels, and of this amount wheat constitutes 53,077,267 bushels, or over one-half of the total grain production. All previous years have been left far behind. The reports show that the yield of wheat for 1902—53,077,267 bushels—is 2,575,182 bushels in excess of the previous year, when a total yield of 50,502,085 bushels was raised. The average yield per acre increased from 25 bushels in 1901 to 26 bushels in 1902. The area under crop in 1902 was 2,039,910 acres, an increase over 1902 of 28,105 acres.

A feature of the report is the heavy increase in oats. In 1901 the yield totaled 27,796,588 bushels, with an average per acre of 40.3 bushels. This year the yield was 34,478,160 bushels, being an increase of 6,681,572 bushels, with an average of 47.5 bushels, or 7.2 bushels per acre in excess of 1901. The acreage under crop increased from 689,951 in 1901 to 725,060 in 1902.

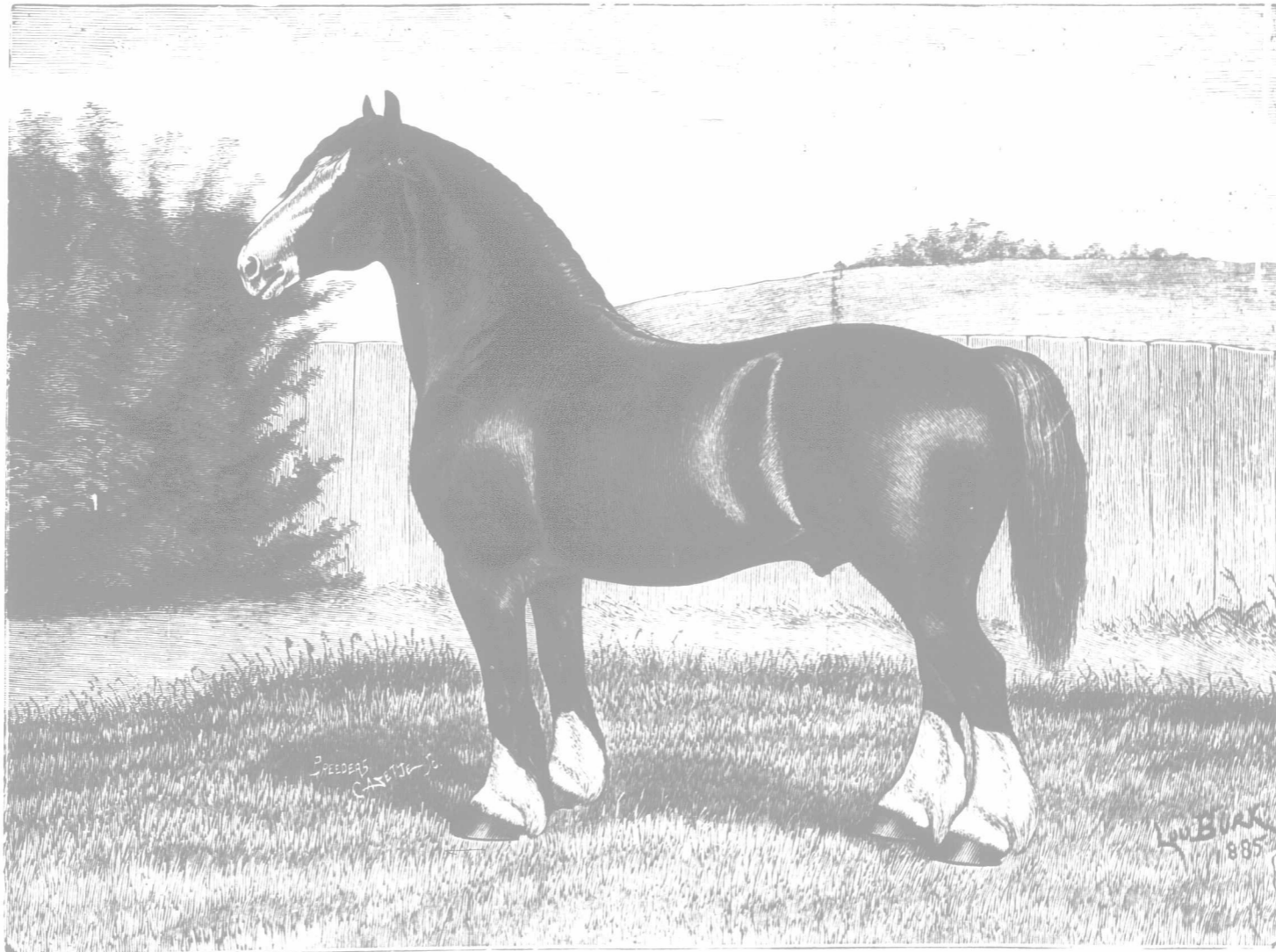
The yield of barley nearly doubled that of 1901, the total this year being 11,848,422 bushels, as against 6,536,155 the previous year, an increase of 5,312,267 bushels, with an increase in the average yield per acre from 24.2 in 1901 to 35.9 in 1902.

Flax shows the largest percentage of increase of any of the grains, the yield for this year totaling 564,440 bushels, against 266,420 last year, an increase of 298,020, or over 100 per cent. On the other hand, the average yield is but little larger than 1901.

**Highland Stock Farm**

Clydesdale Horses and  
Aberdeen-Angus  
Cattle.

In the stud are Jolly Fellow and Prince Handsome (9157), first as a yearling at International Exposition, 1901. My Aberdeen-Angus herd has been established 20 years. Choice young stock for immediate sale. Write for particulars. We keep only the best.



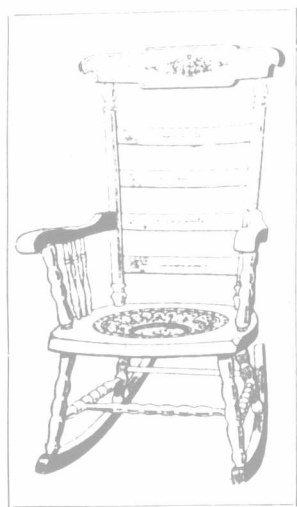
JOLLY FELLOW (2476).

**JNO. R. CAMPBELL, Proprietor, HIGHLAND STOCK FARM, Clyde, Minn., U. S. A.**

# XMAS FURNITURE

NOTHING MORE ACCEPTABLE AS A GIFT

Is shown at The Wide-Awake in one of the grandest assortments in Western Canada.



We have issued a very neat little illustrated booklet of a number of lines especially adapted for Xmas giving, that is mailed free to any address.

Our big regular furniture catalogue is also full of useful and up-to-date designs in all lines of furniture; also mailed free.

## SCOTT FURNITURE CO.

**THE WIDE-AWAKE.**

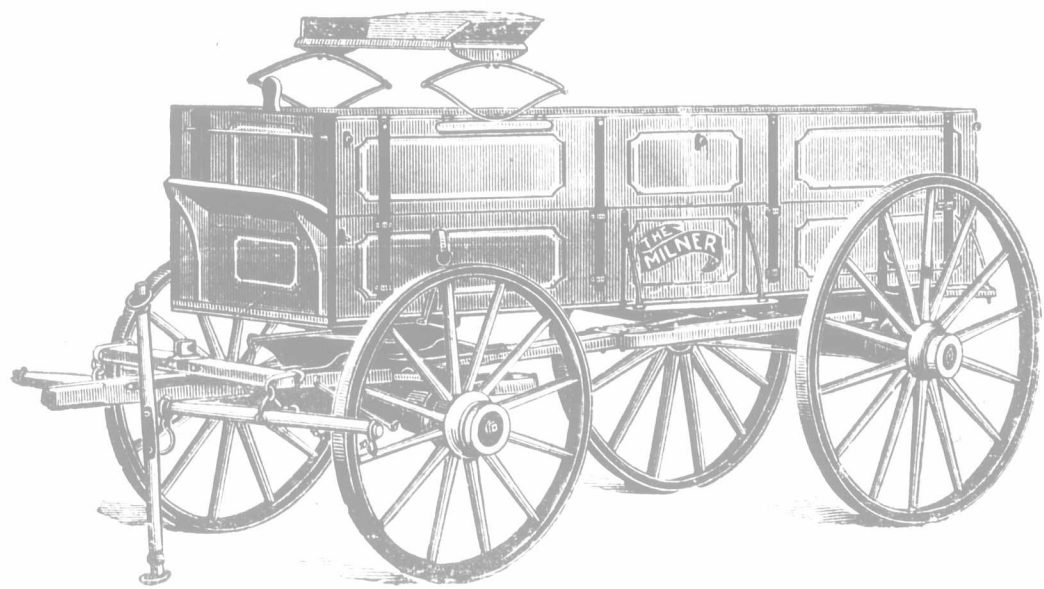
WAREHOUSE: 214 Graham St. and  
Corner of Graham and Vaughan Sts.

276 Main Street, Winnipeg.

— THIS LINE OF —

## FARM IMPLEMENTS

WILL GET YOU TRADE AND BUILD UP YOUR BUSINESS.



J. I. Case Triumph Sulky Plow, Racine, Wis.

- “ Triumph Gang Plows, “
- “ Celebrated Walking Plows “
- “ Disk Harrows, “
- “ Boss Harrows, “
- “ Diamond Channel Steel Harrows.

Dowagiac Mfg. Co.'s Grain Drills, Dowagiac, Mich.

“The Milner,” Petrolea Wagon Co., Petrolea, Ont.

Buggies, Phaetons, Cutters and Sleighs,

Manufactured expressly for the Western trade

OUR TRAVELLERS WILL CALL ON YOU IN SEASON.

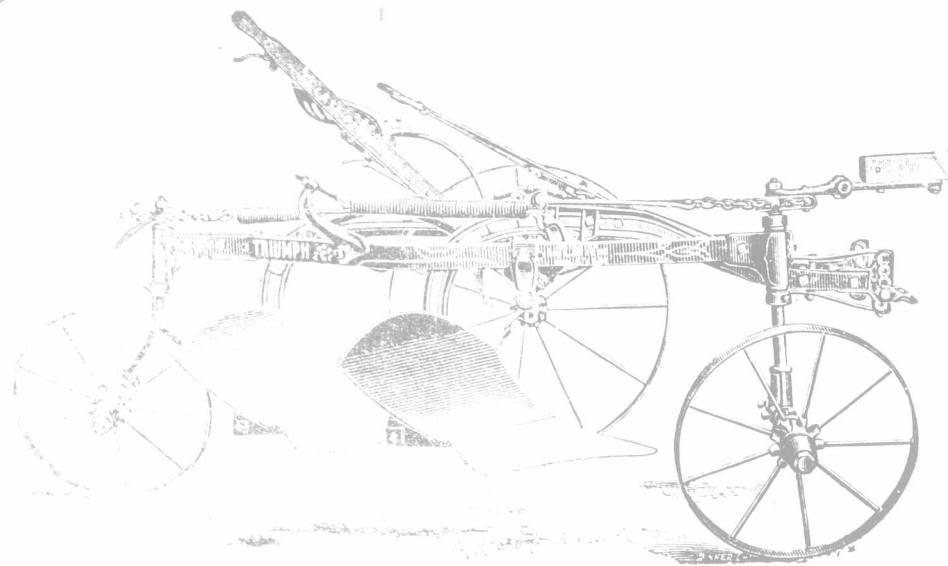
WE WISH ONE AND ALL A MERRY XMAS  
AND A PROSPEROUS NEW YEAR . . . . .

### THE BALFOUR IMPLEMENT CO.

138 Princess Street, Market Square.

WHOLESALE ONLY.

WINNIPEG, MAN.



THE HORSES CAN WORK ALL DAY.

**THE OLDE FIRM OF HEINTZMAN & CO.**

**Choice of  
10 Piano Bargains.**

This is a list of ten genuine bargains in pianos, prepared for mail-order buyers.

These pianos have been thoroughly overhauled and tuned. Our mail-order customers are buying from an old established house, which guarantees each instrument to be exactly as described.

Chickering square piano, Boston, carved legs, overstrung scale, 7 octaves. Manufacturer's price, \$450; mail-order special, \$195. \$10 cash, \$1 a month.

Heintzman & Co. square piano, carved legs, 7 1/3 octaves, serpentine mouldings, overstrung scale. Regular price, \$450; mail-order special, \$175. \$10 cash, \$1 a month.

McCamon piano, Albany, N. Y., carved legs and lyre, 7 octaves, 4 round corners, overstrung scale. Manufacturer's price, \$350; mail-order special, \$85. \$6 cash, \$5 a month.

Weber & Co. piano, carved legs and lyre, overstrung scale, 7 octaves. Manufacturer's price, \$375; mail-order special, \$125. \$6 cash, \$5 a month.

C. D. Peace & Co. square piano, carved legs and lyre, overstrung scale, rosewood case, 7 octaves. Manufacturer's price, \$600; mail-order special, \$135. \$8 cash, \$5 a month.

Mason & Hirsch square piano, carved legs and lyre, 7 1/3 octaves, serpentine mouldings, overstrung scale. Manufacturer's price, \$450; mail-order special, \$150. \$8 cash, \$1 a month.

Harmonic square piano, carved legs and lyre, overstrung scale, 7 octaves. Manufacturer's price, \$385; mail-order special, \$125. \$6 cash, \$5 a month.

Hardman square piano, N. Y., carved legs and lyre, overstrung scale, 7 1/3 octaves, serpentine mouldings. Manufacturer's price, \$450; mail-order special, \$165. \$10 cash, \$4 a month.

Chickering square piano, octagon legs, 6 octaves. Manufacturer's price, \$300; mail-order special, \$75. \$6 cash, \$5 a month.

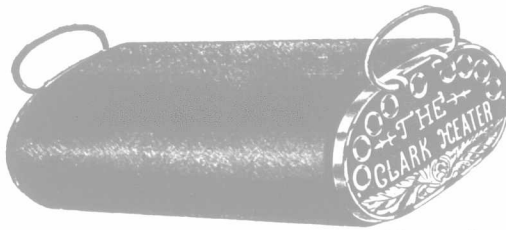
Stoddard square piano, octagon legs, 6 3/4 octaves. Manufacturer's price, \$300; mail-order special, \$65. \$6 cash, \$5 a month.

We pay freight on these pianos within any point in Ontario, and make special rates for more distant points. A handsome scarf and stool given free with each instrument.

**HEINTZMAN & CO'Y.**

115-117 KING ST. WEST, TORONTO.

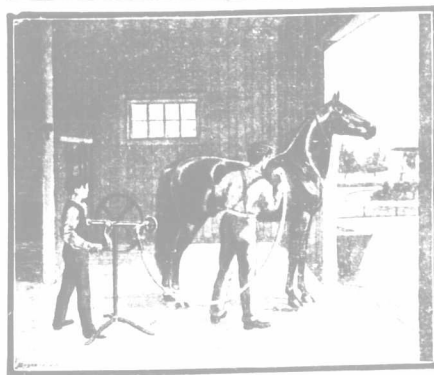
**COMFORT WHILE DRIVING.**



No more colds, chills, rheumatism or pneumonia, due from exposure or cold feet while riding.

**The Clark Carriage Heater**  
"THE HEATER THAT HEATS."

Prevents all these and makes riding a pleasure and healthful. It costs but \$2.25 and up, and burns the Clark Coal without flame, smoke or odor. Coal costs but one cent for eight hours' ride. Cheaper than doctor bills. For sale by leading jobbers. Send for catalogue.



**CLIP YOUR HORSES  
IN THE SPRING.**

They feel better, work better, and are less liable to take cold. The 1902 Chicago (Stewart's Patent), price \$10.75, is the superior of any clipper previously manufactured, at any price.

Surprisingly simple and durable, and will last a lifetime.

Do not let your horses stand in the barn all night with a heavy, damp coat of hair on, which only weakens them and makes them susceptible to colds and other ailments. Send for catalogue.



**STEWART'S  
Latest Patent Sheep-Shearing  
MACHINE.**

No owner of 25 sheep can afford to shear by hand, as machine pays for itself the first season in extra wool obtained. No second cuts.

Book on shearing sent free to any address. If you have 25 sheep or 100,000 sheep, get our catalogue. It will save you money.

MADE BY

**CHICAGO FLEXIBLE SHAFT CO.,**

124 LA SALLE AVE.,

CHICAGO, ILL.

Largest manufacturers of Horse Clippers and Sheep Shearers in the World.

**GOSSIP.**

**HANCOCK'S DISK PLOW PATENT.**  
Mr. Wakefield Baker, president of the Baker & Hamilton Co., San Francisco, Cal., and Mr. Frederick A. Brand, vice-president of Benicia Agricultural Works, Benicia, Cal., lately visited Winnipeg. They came from the Pacific Coast to Chicago to meet the licensees of the Hancock disk plow, to organize an association of the different licensees to protect Hancock's patent. At Chicago they expected to meet Mr. Maw, of Winnipeg, but owing to his inability to attend that meeting, these gentlemen honored him with a special visit.

The association is practically formed and a meeting will be held in California some time in February, which Mr. Maw purposes to attend, in order to meet all the licensees of the Hancock Disk Plow throughout the United States.

**THE HAMILTON COMBINATION  
SHORTHORN SALE.**

As will be seen by the advertisement in this issue, the date of the coming combination sale of Shorthorns at Hamilton, Ont., has been changed from January 21st to January 28th. This change was found to be expedient in order to avoid clashing with other events and to suit the convenience of some of the contributors to the sale. The character of the breeders and the herds contributing to this sale will be regarded as a sufficient guarantee of the breeding and quality of the cattle to be offered. It is rarely, indeed, in any country that the opportunity is afforded of making selections from so many high-class herds. While some of the contributors are less widely known than others, it is well within the ken of those who have closely watched the transfers of the best class of cattle in recent years that these men have been quietly getting together herds of superior excellence in breeding and individuality, and we are quite confident that when the catalogue and the cattle came to view, the Hamilton sale on January 28th will present one of the most uniformly good offerings ever brought together for public disposal in this country. The "Farmer's Advocate," at the risk of wearing the subject threadbare and wearying its readers, has not ceased for thirty-five long years to preach and plead for the improvement of the beef cattle of this country, and while many have heeded the exhortation, to their profit and satisfaction, there are yet by far too many farmers who are content to give good feed to ill-bred and unthrifty cattle that pay a poor return for it and sell for only third-class prices as compared to the good grades, which have cost no more to raise than the scrubs and sell for one-third more money when sent to market. If Canadian export cattle take a second or third place in the British market it is mainly because of the lack of good breeding. Our people, as a rule, know as well how to feed as do our competitors, and if more well-bred cattle were raised in the country we could hold our own against all comers. The time has come when quality rules the price of most products of the farm, and to none does this discrimination more plainly apply than to beef cattle. The opening up and settlement of New Ontario and the Canadian Northwest must inevitably in a very few years furnish a market for improved cattle, and Ontario, as the natural breeding ground from which the supply must come, will be constantly drawn upon. Since we cannot hope to compete with these new sections in grain-growing, owing to the cheapness of production there, it is surely the part of wisdom to prepare to supply the live stock they will need for breeding purposes and for grazing. There is room for hundreds more of pure-bred herds in the Dominion, and the prospect is that all they can produce will be needed and will be taken up at fair prices in the years to come. The best will always be in demand and will find buyers without seeking for them. All that is necessary is to let their whereabouts be known. The Hamilton sale will furnish a fine opportunity to secure first-class stock of approved breeding for the founding of a family or a herd or for replenishing one that has been depleted by sales in response to the active demand prevailing.

**"SYLLABIC SHORTHAND."**

BASED ON THE SYLLABLES. SIMPLEST AND BEST.



Belongs to the **NEW EDUCATION** of these progressive times, and is attracting the thinking men and women wherever it is being introduced. It has only **NINE** different characters and **THREE** simple rules, yet it embraces all the syllables of the **ENGLISH LANGUAGE**. Students finish the complete course in **SHORTHAND and TYPEWRITING in SIX WEEKS**, or by mail in **THREE MONTHS**. Total cost of School Course, \$25. Mail Course, \$15. Call or write for testimonials from students and their employers.

**W. J. Morran, Mgr., Winnipeg.**

Room 4, Bank of Nova Scotia.

Room 4, Bank of Nova Scotia.

**STEAMSHIP  
Tickets**

If you are going to the Old Country, or sending for your friends, apply to our nearest railway or ticket agent, who can supply outward and prepaid tickets at lowest rates.

Steamers leave Portland, Maine, every Saturday; St. John, every Wednesday; New York, every Wednesday and Saturday.

**W. P. F. CUMMINGS,**

General Agent, C. P. R. Offices,

WINNIPEG.



OFFICE, 391 MAIN ST. TEL. 1448.

**CHRISTMAS  
EXCURSIONS**

DURING DECEMBER.

Tickets on sale December 1st to 31st, 1902.

**\$40.00**

FOR THE ROUND TRIP.

CHOICE OF ROUTES.

Winnipeg to Eastern Canadian points, Montreal and West. Via St. Paul and Chicago. Proportionately low rates east of Montreal.

Tickets good for three months. Transit limits 10 days going, 15 days returning. Stop-over privileges east of Detroit.

High-back, wide vestibule cars. Pullman sleepers. All equipment strictly first-class.

For further information, apply to  
**H. SWINFORD, CHAS. S. FEE,**  
G. A., 391 Main St., G. P. & T. A.,  
Winnipeg, or St. Paul, Minn.

**NOTICE.**

THE GRUNDY MUSIC COMPANY, Ltd., of Winnipeg, make their initial appearance in the advertising columns of the "Farmer's Advocate" this issue, offering its readers the favorite Thomas organ and Mendelssohn piano, both superb specimens of Canadian manufacture, which have given the music-loving portion of the Northwest such great satisfaction for many years. They handle only goods of unquestionable merit and status, whether in large or small lines, and their increasing trade in all lines is evidence of the satisfactory methods of business employed by them.

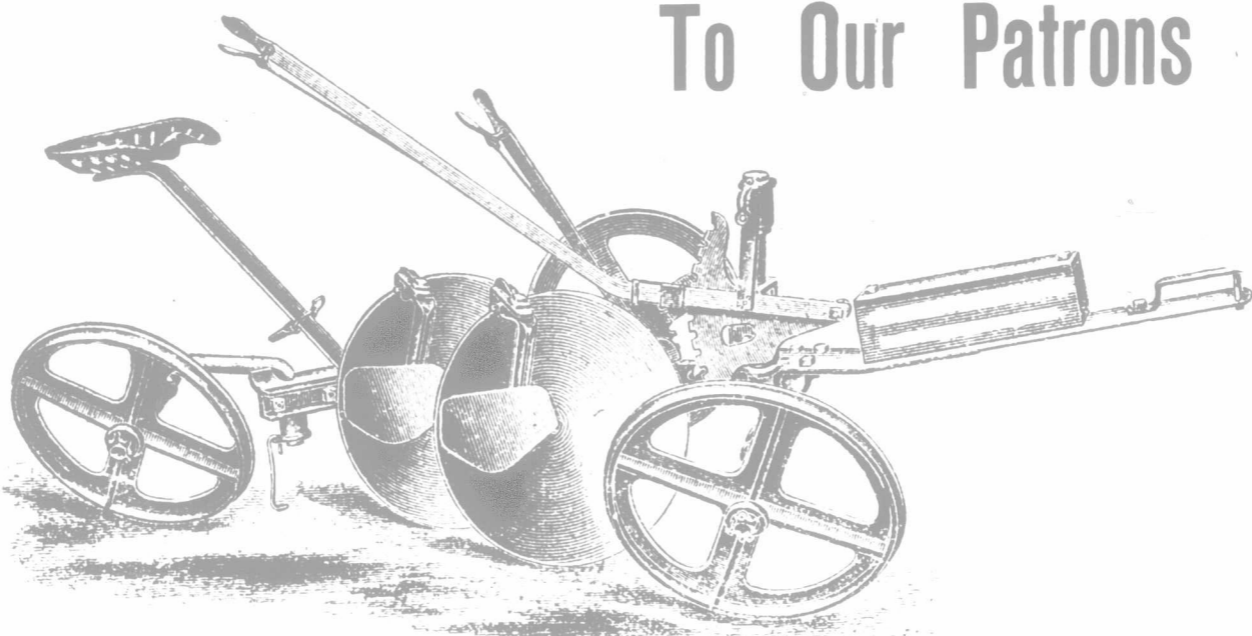
**QUESTIONS AND ANSWERS.  
VETERINARY.**

**LUMP JAW.**

Does cold and frost affect lump jaw on a cow? Should the cow be kept warm during the period of administering Fleming's Lump Jaw Cure? L. G. S., Brandon, Man.

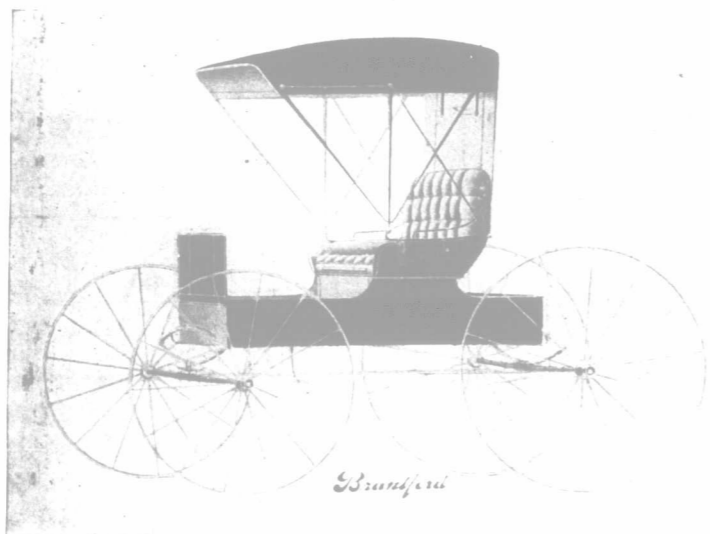
Ans.—Yes. Keep the cow in a comfortable stable.

The Celebrated  
**Maw-Hancock  
Disc Plow**

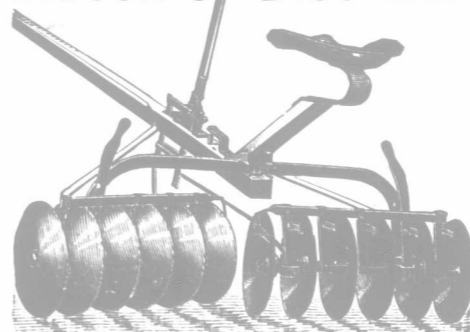


To Our Patrons and Friends :

WE take this opportunity of wishing you all a Merry Christmas and a Happy and Prosperous New Year, which we believe you will all enjoy if you purchase your goods of a good responsible firm. We aim at the best goods that can be procured. We control the Brantford Carriage Co.'s Carriages, the Maw-Hancock Disc Plow, the Bissell Disc Harrow, the Monarch Fanning Mill, the Mitchell-Lewis (of Racine) Wagons, Vessot Grain Grinders, Empire Pumps, and a full line of Harness, Robes, Whips, etc.



**Bissell's Disc Harrow Does the Work**



WHERE OTHER DISCS FAIL.

The success of this harrow is now a matter of history in the older Provinces. If you have some hard job ahead try a Bissell Disc at it. There is nothing else quite so good. Full particulars free. It will pay you to inquire. Made by

T. E. BISSELL, ELORA, ONT.

We are sole representatives for Manitoba and Northwest.

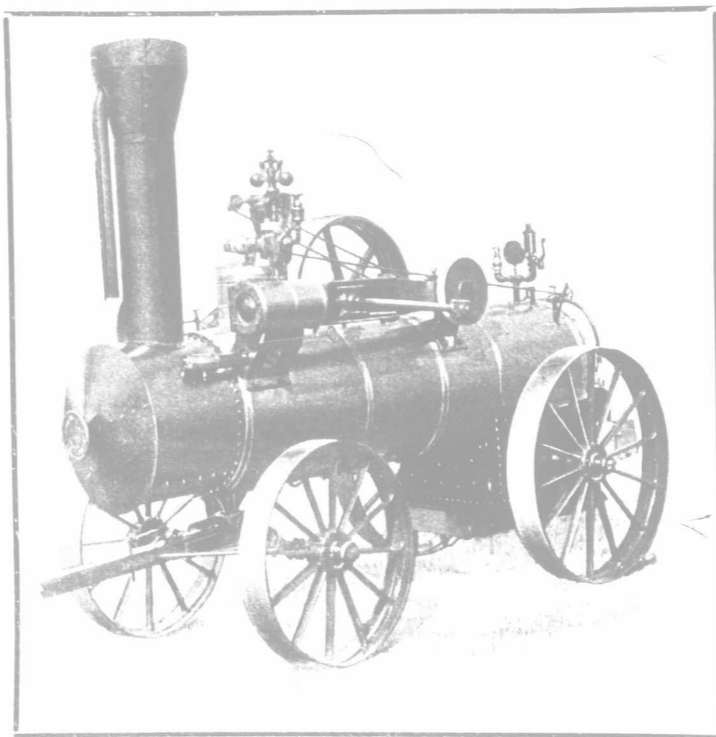
**JOSEPH MAW & CO., Winnipeg, Man.**

MARKET SQUARE.

# The Brandon Cornell

**NEW ENGINES.**

- Heavy Boiler Plate.
- Best of Flues.
- Good Workmanship.
- Wide-Tired Wheels.



**PORTABLE ENGINES.**

- 18 and 20 H.P.
- Simple, Powerful,
- and very easily
- steamed.

"Threshermen and Farmers," now is the time to arrange for new machinery and for repairs. We are building and selling an improved Cornell Engine. Fifteen were working in this Province during the season of 1902. We have testimonials from men who have used them. Write for them, and also for prices.

We can now do your repairing. If you have any patching, crown sheet or flue work, have it done now. We keep all kinds of Fittings, also Stacks, Straw Burners, Flame Sheets, and Belting. Write us at once.

**The BRANDON MACHINE WORKS CO., LTD.,** Rosser Avenue, BRANDON, MAN.



"The Stretched  
Forefinger of all Time" is  
on the dial of an  
**Elgin Watch**  
—the world's standard for pocket time-  
pieces. Perfect in construction; positive  
in performance. Sold by every jeweler in  
the land; fully guaranteed. Booklet free.  
ELGIN NATIONAL WATCH CO.  
ELGIN, ILLINOIS.

**GOSSIP.**

**BOUGHT THE 1902 RECORD-MAKER.**

The International Stock Food Company, of Minneapolis, Minn., have just purchased, for \$60,000, the celebrated pacing stallion, Dan Patch 1.59 1/4 (by Joe Patchen, dam Zelica, by Wilkesberry), the fastest horse of the American season of 1902. He will be used for stud service in the spring, and appear at the exhibitions next fall. Dan Patch's new owners are to be congratulated upon their enterprise in securing stars of the turf.

**CHAMPION SHORTHORN FEMALE.**

At the late International Live Stock Show at Chicago, the contest for the female championship in the Shorthorn class was awarded to Village Belle 2nd, a light roan two-year-old heifer, bred by Mr. Wm. Duthie, Collynie, Aberdeenshire, imported by Messrs. H. Cargill & Son, Cargill, Ont., and owned and exhibited by Mr. D. R. Hanna, Ravenna, Ohio, who is a son of the prominent American statesman, Senator Mark Hanna. Village Belle 2nd was sired by Silver Plate (75633), and out of Village Belle, by Pride of Morning. Her strongest competitor for the championship was the famous American-bred cow Ruberta, shown by Col. G. M. Casey.

**OFFICIAL RECORDS OF HOLSTEIN-FRIESIAN COWS, NOV. 7 TO DEC. 1, 1902.**

Forty seven-day records and one for twenty-one days have been approved during this period.

Lady Wayne Norine 53608, age 6 years 4 months 14 days, commencing test 12 days after calving, produced in 21 days 1,236.4 lbs. milk, containing 49.203 lbs. fat, equivalent to 61 lbs. 8.1 ozs. butter 80 per cent. fat, or 57 lbs. 6.5 ozs. 85.7 per cent. fat. Owner, George Rice, Currie's Crossing, Ont. Of the seven-day records: Twenty-one full age cows averaged, age 7 years 1 month 18 days, days after calving 24, milk 412.2 lbs., butter-fat 13.639 lbs., equivalent butter 80 per cent. fat 17 lbs. 1.7 ozs., or 15 lbs. 15.5 ozs. 85.7 per cent. fat. Four four-year-olds averaged, age 4 years 6 months 2 days, days after calving 12, milk 373.2 lbs., butter-fat 14.565 lbs., equivalent butter 80 per cent. fat 18 lbs. 3.3 ozs., or 16 lbs. 15.9 ozs. 85.7 per cent. fat. Seven three-year-olds averaged, age 3 years 4 months 27 days, days after calving 15, milk 314.4 lbs., butter-fat 10.562 lbs., equivalent butter 80 per cent. fat 13 lbs. 3.2 ozs., or 12 lbs. 5.1 ozs. 85.7 per cent. fat. Eight two-year-olds averaged, age 2 years 3 months 12 days, days after calving 37, milk 265 lbs., butter-fat 8.489 lbs., equivalent butter 80 per cent. fat 10 lbs. 9.8 ozs., or 9 lbs. 14.5 ozs. 85.7 per cent. fat.

**NOTICE.**

**FARMERS' AND FRUIT GROWERS' SUPPLIES.**—Fred Hamilton, of Hamilton, Ont., announces in our advertising columns hardware, paints, sporting and athletic goods at wholesale and retail. Write him for anything you require.

**Queen's Hotel,**  
MONTREAL.  
**FUCHS & RAYMOND,**  
PROPRIETORS.  
Geo. D. Fuchs. om D. Raymond.

**Maple Syrup  
Evaporator.**  
Not a single feature of the "Champion" Evaporator could be dispensed with and leave a perfect Evaporator. Durability, rapidity, and high quality of product, with saving of fuel, are its features. Our sectional pan system makes it easy to handle, and everlasting. Write for catalogue, state number of trees you tap, and an estimate of your requirements will follow.  


**THE GRIMM MFG. CO.,**  
84 WELLINGTON ST., - MONTREAL.

**Low, Wide-Tire  
Wheels**  
FOR WAGONS.  
Made to fit any axle, of any desired height or width of tire. Are stronger, lighter and cheaper than wooden wheels. Just the thing for the farm. Our  


**QUEEN CITY HANDY WAGON**  
  
With metal wheels, is low and convenient for farm and general work. Made by skilled workmen, and of the best material. Guaranteed to carry four to five thousand pounds. Write for catalogue with full description of both Wheels and Wagons. om  
**Dominion Wrought Iron Wheel Co., LTD.,**  
9 AND 11 BROOK AVENUE,  
TORONTO. - - ONTARIO

**HIGH-CLASS AYRSHIRES**  
At "Live and Let Live" Prices.  
Two bulls fit for service; one February and three March, 1902, bulls, and a number of young bull calves; also heifers bred lately, and younger.  
**W. W. BALLANTYNE,**  
om Stratford, Ont.  
Neidpath Farm adjoins city, main line G. T. R.

**HEREFORDS, HEREFORDS**  
An offering for sale Herefords of up-to-date breeding, either sex, and all ages; also a good 21-months-old bull; grand stock getter. Write or call on  
**WALTER BENNETT,**  
CHATHAM. - - ONTARIO.  
**PLEASE MENTION FARMER'S ADVOCATE.**

**NOTICES.**  
**THE McCORMICK CALENDAR.**—If the McCormick calendar for 1903 corresponds with the striking and artistic advertisement of that celebrated implement firm in this issue of the "Farmer's Advocate," our readers will be more than pleased with a complimentary copy, which they can secure, postpaid, by sending a request on a card to the McCormick Division, International Harvester Co., Chicago, Ill.

**THOROUGH AND SUCCESSFUL.**—Just now there are students in attendance at the Ontario Business College, of Belleville, Ont., from the following countries: Barbadoes, Jamaica, Trinidad, Tobago and Bermuda in the West Indies; Prince Edward Island, Nova Scotia, Quebec, Manitoba, Dakota, New York, and all parts of Ontario. The present principals, Messrs. W. B. Robinson and J. W. Johnson (Chartered Accountant), have conducted the institution for twenty-six years. The thirteenth edition of the famous text-book of the college, "The Canadian Accountant," is just out of press. The college catalogue is sent free to any address. Send for it.

**DRIVING ON A COLD DAY.**—When sleigh-riding or driving on a cold day, what a pleasure and satisfaction it is with your feet nice and warm and your nerves at high tension with excitement as you spin along behind a fast horse, perhaps engaging in a brush with some of your acquaintances, providing your sleigh is equipped with a celebrated Clark Carriage Heater, known all over the world as "the heater that heats," and which burns the Clark Prepared Coal without flame, smoke or odor, and gives a continuous heat for 16 hours at a cost of only two cents. It is made by the Chicago Flexible Shaft Co., of Chicago, also the well-known manufacturers of horse-clipping machines, of which such a surprising exhibit, both power and hand, was made at the recent International Show.

**Burlington  
Route**  
"BACK TO THE OLD HOME."  
From  
Dec. 1st to 31st, 1902,  
Tickets will be sold at  
**\$40.00**  
For the round trip to all points in  
**Ontario and Quebec**  
West of Montreal.  
Good for three months.  
Go via Chicago and buy tickets over the  
**BURLINGTON ROUTE.**  
A. L. EIDEMILLER,  
Trav. Pass. Agt.,  
CLARENDON HOTEL, WINNIPEG.  
E. VALENTINE,  
N. W. P. A.,  
ST. PAUL, MINN.

**DEERHOUND PUPS**  
From my celebrated dog, General, and prizewinning bitch, Jess. General stands 33 in. at shoulder, and Jess 31 1/2 in. Apply to  
**DR. O'BRIEN, Dominion City, Man.**

**Send for Illustrated Price List.**

**COMBINATION COBBLER'S, TINSMITH'S and HARNESS MAKER'S OUTFIT.** ought to be in the possession of every one; will save its price over and over again. Only \$1.85 per set.  
  
**HEADLIGHT LANCE-TOOTH CROSSCUT SAW** is four gauges thinner in the back than the front, making it one of the fastest crosscut saws made; every saw guaranteed. Only 50c. per foot.  


**COMBINATION SAW JOINTER.** should be in the possession of every one owning crosscut saws. Only 25c. each, or 35c. postpaid.  


**HOLLOW-GROUND RAZOR.** fully guaranteed; the best in the market. Only \$1.00, postpaid.  


**Wilkins & Co.**  
166 AND 168 KING ST. E., om  
TORONTO.

**PINE GROVE SHORTHORNS AND SHROPSHIRE.**  
Our herd comprises over 150 females, including our best importation of 30 head, all of the most esteemed strains. Of Shropshires, we offer a few choice rams, also high class ewes bred to first class rams. Address  
**W. C. EDWARDS & CO.,**  
Rockland, - - - - - Ontario.

**GOSSIP.**

**A CHAMPION COW.**

Crimson Fuchsia 13th, the roan four-year-old Shorthorn cow illustrated on another page of this paper, winner of the senior championship at the Toronto Industrial Exhibition, 1902, is a typical Scotch-bred Shorthorn of the Crimson Flower family. She was bred by David Birrell, Greenwood, Ont., is owned by W. D. Flatt, Hamilton, and was included in his first-prize herd at Toronto this year. She was sired by Imp. Clan Campbell, and her dam by Imp. Royal George, both bred by Mr. S. Campbell, Kinellar, Aberdeenshire. The next two preceding sires in her pedigree were Imp. Indian Chief and Imp. Premier Earl, both bred by Mr. Amos Cruickshank. On her dam's side she is descended from Imp. Crimson Flower =95=, progenitress of a long list of high-class cattle. Since she shows she has produced a handsome calf, a heifer, we believe, and will be one of the most attractive numbers at the combination sale of selected Shorthorns at Hamilton on January 28th.

W. C. EDWARDS & CO., "PINE GROVE FARM."

We direct the attention of our readers to the announcement elsewhere in this issue of the Shorthorns and Shropshires at Pine Grove Farm, Rockland, Ont., property of W. C. Edwards & Co. Either by correspondence or visiting the establishment, persons desirous of improving their herds and flocks will find Shorthorns and Shropshires to their liking, and of the best types. Note the special offerings made. A note just received by the "Farmer's Advocate" from Rockland states: "Missie 153rd gave us a fine solid red bull calf yesterday (Dec. 9th) morning; sire the young imported Duthie bull, Village Champion, a bull which bids fair to rival the Marquis of Zenda."

**"JAPAN TEA DRINKERS"**

HAVE YOU TASTED

**"SALADA"**

UNCOLORED CEYLON GREEN?

IT'S DELICIOUS AND PURE.

Sealed Lead Packets only. Never sold in bulk form.

Same style of packet as the now justly-celebrated "SALADA" Black and Mixed Teas are sold in.

**FRED HAMILTON,**

WHOLESALE AND RETAIL

Hardware, Paints, Glass, etc.  
Sporting and Athletic Goods.

Farmers' and Fruit-growers' Supplies a Specialty. Write for anything you require.

65 KING ST. EAST, - HAMILTON, ONT.

**GOSSIP.**

**CHAMPION AYRSHIRES.**

Imported Douglasdale and Minnie of Lessnessock, the champion bull and female of the breed at the Toronto Exhibition of 1902, whose portraits appear in this issue, fairly represent the great herd of Ayrshire cattle maintained at his farm at Lachine Rapids, Quebec, near the city of Montreal, by Mr. W. Watson Ogilvie, under the efficient charge of the capable and courteous farm manager, Mr. Robert Hunter. The splendid prize-winning record made by this superior herd in the grand display of Ayrshires at the Pan-American Exposition last year, where the male championship was won by Douglasdale, and the first prize for a herd of one bull and four females also fell to the Rapids Farm contingent, placed it by common consent in the forefront of the breed on this continent; while at the Toronto Exhibition, this year, in the greatest class of Ayrshires ever seen there, this herd was successful in winning both male and female championships and both the first herd prizes—the one open to all ages, and the other to animals under two years, bred by exhibitor—as well as the first prize for the best four animals the progeny of one sire.

The uniform excellence of this herd is well accounted for by the fact that the best that could be bought in Scotland, the home of the breed, including many national champions, have been selected from time to time by Mr. Hunter to build it up and strengthen it, while the young things bred on the farm are right up to the standard of first-class as evidenced by their winning these breeders' herd prizes and the leading position taken by them in every competition they have entered.



**The Entire Family Enjoys The Berliner Gram-o-phone!**

**The Berliner GRAM-O-PHONE**

Is an Enjoyable ENTERTAINER for Every Member of the Family.

Nursery rhymes, lullabies for the little tots; band and banjo music, comic songs, minstrel shows and choruses, and music and songs from the latest light operas for the young men; violin, guitar, mandolin and piano music, and sentimental and operatic songs for the young ladies; orchestral music, grand opera, songs of Scotland and Ireland, and choir and church music for the old folks, and hundreds of other instrumental and vocal selections that will enjoyably entertain the entire family and their friends. We're always adding something new. The Berliner Gram-o-phone is the only talking machine made in Canada, and guaranteed for five years.

Our new "Automatic Sound Box" gives the Gram-o-phone undoubted precedence over all other talking machines, no matter what the price. **RECORDS—50c. each; \$5.00 a dozen.** Records are sold for cash only—practically indestructible.

Here Are a Few of Our New Records. There Are Over a Thousand More:

**BAND RECORDS.**

- 64 At a Georgia Camp Meeting.
- 82 Whistling Rufus.
- 105 Nearer, My God, to Thee.
- 187 Imperial Edward March.
- 208 A Mosquito Parade.
- 200 Washington Post March.
- 482 Blue Danube Waltz.
- 578 God Save the King.
- 803 Reminiscences of Scotland.
- 808 Bonnie Briar Bush March.
- 807 Soldiers of the Queen.
- 805 The Maple Leaf.
- 810 John Anderson, My Joe.
- 806 Scotland's Pride.
- 821 Lancers, 1st and 2nd Figures.
- 822 Lancers, 3rd and 4th Figures.

- 823 Lancers, 5th Figure.
- 824 Quadrille, 1st and 2nd.
- 825 " " 3rd and 4th.
- 826 " " 5th.
- 203 Wearing of the Green.
- 353 Scots Wha Hae.

**SONGS.**

- 606 Good Bye, Dolly Gray.
- 750 When the Roses Bloom Again.
- 273 Sweet Annie Moore.
- 735 The Blue and the Gray.
- 131 Who's in My Wandering Boy To-night
- 131 Stay in Your Own Back Yard.
- 132 In the Golden Field of Grain.
- 66 The Bridge.
- 204 All Hail the Power of Jesus' Name.
- 109 Private Tommy Atkins.

- 309 Whistling Mike.
- 310 Whistling Coon.
- 453 And Her Golden Hair was Hanging.

**RECITATIONS.**

- 267 Auction Sale of Household Goods.
- 268 Scene at a Dog Fight.
- 263 Sermon on the Mount.
- 252 23rd Psalm and Lord's Prayer.

**VOCAL QUARTETS.**

- 465 Blue Bells of Scotland.
- 483 My Faith Looks Up to Thee.
- 383 The Holy City.
- 754 In the Sweet Bye and Bye.
- 36 Evening Prayer.
- 80 Use Gawine Backto Dixie.

**COON AND COMIC SONGS.**

- 727 Coon, Coon, Coon.
- 725 Hear Dem Bells.
- 722 Turkey in de Straw.
- 282 Just Because She Made Dem Goo-Goo Eyes.
- 731 Good Morning, Carrie.
- 788 Bill Baily, Won't You Please Come Home?
- 474 My Dinah.
- 504 A Little Bit Off the Top.
- 733 When Mr. Shakespeare Comes to Town.
- 339 The Mick Who Threw the Brick.

These are only a few of over a thousand records. Piano, Violin, Cornet, Trombone, Banjo, Mandolin, Flute, Piccolo, Chime Bells, Church Choir and other records. We'll be pleased to send you a complete catalogue.

Send your order for additional Records when ordering the GRAM-O-PHONE, thus saving time and express charges.

**OUR SPECIAL EASY-PAYMENT OFFER.**

As the orders keep pouring in, we have decided to continue our easy-payment plan. Send us one dollar with this coupon, promising, if the Gram-o-phone proves satisfactory after six days' trial, to pay two dollars a month for eight months, and we will ship you at once a genuine Berliner Gram-o-phone, type "A," with three records of your own choice free. Enclose two dollars extra if you want spun brass horn.

**GIVE OUR OFFER A THOROUGH TEST.**

Description of Berliner Gram-o-phone.

Cabinet constructed with highly finished.  
Horn, 16 inch long, 10 inch bell.  
Finish of exposed brassy nickel plated.  
Sound Box also improved Automatic Concert Sound Box.  
Records, 200 free.  
Guarantee, Three months, or 100 days.  
Weight, Completely assembled, 25 lbs.

**CASH PRICE.**

With Japanned Steel Horn, \$15. With Spun Brass Horn, \$17.

**EASY-PAYMENT PRICE.**

With Japanned Steel Horn, \$17. With Spun Brass Horn, \$19.

**E. BERLINER, 2315-19 St. Catherine St., MONTREAL.**


E. BERLINER, F. A. 2315-19 St. Catherine St., Montreal, P. Q.

Enclosed find one dollar in payment on the Standard Berliner Gram-o-phone, type A, complete, with 16-inch japanned concert horn and three records. If satisfactory after five days' trial, I agree to pay eight monthly payments of two dollars each. If not satisfactory, I will return the Gram-o-phone and this order is null and void.

Name.....  
Occupation.....  
P. O. Address.....  
Express Office.....  
Township.....  
Province.....  
If you wish a spun brass horn in stead of the japanned horn, enclose two dollars extra. Also send free of charge the following three records.....  
No. .... No. .... No. ....


**WOODSTOCK STEEL Windmills.**

GALVANIZED OR PAINTED.  
FOR  
POWER OR PUMPING.



**THE DANDY WINDMILL**

with graphite bearings, runs easy, and controls itself in the storm.



Grinders, Pumps,  
Water Tanks,  
Drinking Basins,  
Saw Benches.

**WOODSTOCK WIND - MOTOR CO., LTD.,**  
WOODSTOCK, ONTARIO.

**GOSSIP.**  
HIGHLAND STOCK FARM.

This well-known stock farm is located at Clyde, Minnesota, and is one of the extensive establishments where Aberdeen-Angus cattle and pure-bred Clydesdale horses of good quality are continually kept for sale. The proprietor is Mr. J. R. Campbell. About twenty years ago, the first purchase of Aberdeen-Angus was made, when Sambo of Cityside 4919, sired by Paris 3rd 1163 (2276), the well-known bull imported by Hon. M. H. Cochrane, of Hillhurst, P. Q., and known at one time as the "Invincible of Canada," was bought. Sambo had for dam Nellie of Hillhurst, a cow for which, in the early days of 1883, Thos. MacFarlane paid \$935.00. The first female for this herd was bought in 1886, when Barbara B. 1945, owned by Anderson & Findlay, Chicago, was purchased. Her sire, Basuta 1101 (1820) was for years successively used on the herd of Anderson & Findlay, and was also a prize bull of note. Another well-known bull used directly after Sambo was Lucullus Windsor 7417. He was bred by Mossom Boyd & Co., and had for sire Chivalry 2671 (1765), by Challenger 1716 (1260), the only bull that ever defeated Paris 3rd in the show-ring. Later additions of females were made from the herds of John C. Christie, Windsor, Minn.; W. B. Seeley, La Crew, Ia., and Thos. Mattison, Jr., Charlton, Ohio. The sires of this herd have always been carefully selected from the standpoint of combining individual worth with the best of breeding. Here are names of a few of them: Perfection of Cottage Grove 15171, sired by Guide Knight 9330, a good show bull. Frimate 15252, a Pride bull, from the select herd of Tyson & Co., Redwood Falls, Minn., sired by Peerless Knight, and out of Pride of Glendale. Such blood to-day commands high prices. Beauty's Eclipser 26474, the present stock bull, sired by Moon Eclipser 8635, and out of Wellington's Beauty 15860, a show cow and also a producer of show animals, has few equals as a sire at the present day. Beauty's Eclipser sired the sensational steer, Advance, champion at the International at Chicago in 1901, and sold for \$150 per pound. This sire is a grand bull, true to the Daddie type, low and thick, with the greatest possible weight for the space, with splendid lines, a forerib rarely equalled, and a back that never sags. Many of the young things on this farm at present are sired by this choice bull. A few of his sons are yet left and they possess quality and size. Others of the young things are sired by such bulls as Gay Lad 19538; Valiant Knight 2nd 29331, for which Bradford & Son paid, at public auction, \$1,100.00; and Prince Leon, sired by that great Pride bull, Golden Abbott.

The present stallions in use at this farm are: Jolly Fellow, assisted by Prince Handsome. Jolly Fellow is a jet black, with white face and feet, foaled June 1881, and bred by Wm. Murray, Hill of Murchiston, Lanarkshire, Scotland, and imported in 1885 by Galbraith Bros., Janesville, Wis. This handsome horse is full of quality, style and symmetry, and was awarded at Chicago, in 1885, the grand sweepstake premium of \$100.00 for best Clydesdale stallion, any age, in a ring of 33. His sire, Cedric, was got by the famous Prince of Wales, and his dam was a half-sister to the well-known Rantin Robin, the only horse that ever defeated Prince of Wales in the show-ring. Prince Handsome 9157 won first at Milwaukee and at Chicago, in 1901, in yearling class. He was sired by Handsome Prince 5581, dam Maple Leaf by Barney, a well-known sire of many winners.

**Canadian Pacific Rail'y COMPANY.**

**CHRISTMAS EXCURSIONS**  
FOR DECEMBER.

Lowest round-trip rates to all  
**ONTARIO, QUEBEC**  
AND  
**MARITIME PROVINCES POINTS.**  
Good for three months from date of issue.

Stop-over privileges east of Fort William.  
DAILY TOURIST AND FIRST-CLASS SLEEPERS.

**\$25** For the round trip from all points in **MANITOBA** to **ST. PAUL** and **MINNEAPOLIS.**

Cedar Rapids and return	\$32.20
Sioux City	32.90
Des Moines	33.00
Omaha	35.65
Kansas City	38.55

Tickets on sale Dec. 15 to 21. Good for three months.

For further particulars apply to any C. P. R. Agent, or to  
**C. E. McPHERSON,**  
General Passenger Agent,  
WINNIPEG, MAN.

**EXCURSIONS**

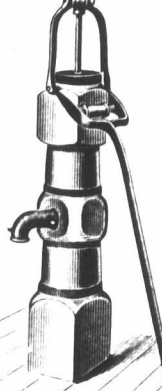
From points on Canadian Northern Railway to

ST. PAUL, MINN. and return	\$25.00
MINNEAPOLIS, MINN. and return	\$25.00
SIoux CITY, IA. and return	\$32.90
DES MOINES, IA. and return	\$33.00
CEDAR RAPIDS, IA. and return	\$32.20
OMAHA, NEB. and return	\$35.65
KANSAS CITY, MO. and return	\$38.55

Tickets on sale Dec. 15th to 20th, inclusive; good for three months. All accommodation first-class.

**E. J. C. SMITH,**  
Agent for Canadian Kodak Co.  
Supplies of all Kinds.  
Printing and finishing for amateurs.  
276 SMITH ST., WINNIPEG.  
Send for Catalogue. Established 1892.

**50% OF ALL THE PUMPS IN THE WEST Are Made by Us. WHY?**



They are the standard in quality. Reliable agents everywhere. Western agents for TORONTO AIRMOTOR WINDMILLS. Secure the agency.

**Manitoba Pump Co.**  
Largest Wholesale Pump Factory in the West.  
BRANDON, MAN.

**"BLACKLEGINE"**  
Pasteur Blackleg Vaccine,  
Quite Ready for Use.

This is in the form of a cord impregnated with the vaccine. Each dose is separate and applied with a special needle. The dose is hitched on to a notch in the needle and then inserted under the skin at the shoulder. The needle is provided with a detachable handle. Vaccination with "Blacklegine" is as rapid and easy as taking a stitch. There is no dissolving, or mixing or filtering a powder; no injecting or trouble in measuring doses; **NO EXPENSIVE SYRINGE OUTFIT OR INJECTOR.**



**BLACKLEGINE OUTFIT, SHOWING NEEDLE INSERTED IN HANDLE AND DOSE OF VACCINE ATTACHED READY FOR VACCINATING.**

**PRICES: "SINGLE BLACKLEGINE"** (for common stock) No. 1 (ten doses), \$1.50; No. 2 (twenty doses), \$2.50; No. 3 (fifty doses), \$5.00. **"DOUBLE BLACKLEGINE"** (for choice stock) (first lymph and second lymph, applied at an interval of eight days), \$2.00 per packet of 10 double doses. **BLACKLEGINE OUTFIT** (handle and two needles), 50 cents.

**PASTEUR VACCINE COMPANY,**  
158-160 E. Huron St., CHICAGO, ILL.

Advertise in the Farmer's Advocate.

**CHOICE BOOKS AND MUSIC**

2001 Novels - Cloth	80 25	Boys' Own Annual	80 35	Popular Songs and Piano Solos	each, 80 10
Manual Experiments - Fine	1 25	Forest and Jungle - Large size	1 50	Irving - Sheet Music	50
Encyclopedia - Postpaid	1 65	Library of Wit and Humor	1 00	Instruction Book - for all Instruments from 50c up	50c up
Bill Stories	from 50c. to 1 75	Child's Own Magazine	35		

My Own Evangeline - Song 80 35  
Dolly Varden - New Song 50  
New Mown Hay - Intermezzo 35  
Birth of Love - Waltz 30

We have the largest and finest stock of Books and Music ever shown in the West, and at prices lower than the lowest. If you can't call, write for what you want and we'll fill the order promptly.

**WARNER'S BOOKSTORE, BRANDON.**

# BEWARE!

When you buy fur goods, get the best. We have a large assortment of

## ROBES AND COATS

at very moderate prices.

## HORSE BLANKETS

of every description, to suit the purchaser. Don't forget, we manufacture all kinds of

## Harness, English and Stock Saddles

If you give us one trial, you will never leave us. Write us when you are in want of any of the above. Your letter will have prompt attention. If you call, we are glad to see you, and will do our best to give you satisfaction.

We are anxious to buy any amount of RYE STRAW, in sheaf, suitable for manufacturing horse collars. Terms on application.

NOTE THE ADDRESS:

### THE Great West Saddlery Co.

LIMITED.,

519 Main Street, - - WINNIPEG.

### COMMON SENSE

Tells us to look for Quality, not quantity, in musical instruments. That is just what we give you for your money in the

## Mendelssohn Piano

Absolute warranty for five years.

### STYLE D.

Walnut or Mahogany.



78 0-staves; Handsomely-Designed Case; Double Veneered; Patent Improved Repeating Action, with Nickel-Plated Brackets and Rail; Improved Iron Frame; Continuous Nickel Hinges; Automatic Music Desk.

Back of Piano is made of hardwood, and consists of upright standards of great strength. Sealing Board is made of hard wood, with heavy ribs on back. Keys are made of fine highly-seasoned, straight-grained wood, polished ebony sharps, and the best grade of ivory. Cases are all double veneered, inside and out, with burl walnut or mahogany woods. Touch very elastic and sympathetic. Tone distinguished by rich singing quality. Deep, round bass; clear, pure, bell-like treble. Durability. No piano will exceed them. Absolute warranty for five years.

Our Compound Sectional Wrist Plank. This consists of several layers of hard maple with the grain running in different directions, being an absolute safeguard against any possible defect. Bridges are all veneered, adding great strength and durability. Key-Bed Support prevents the possibility of the key bottom sagging, thus insuring no possibility of change in action or keys. Absolute warranty for five years.

Everything in music - sheet music, music books, small musical instruments, Edison's photographs and records.

## GRUNDY MUSIC CO.,

470 Main Street. WINNIPEG, Man.

Quality High.  
Prices Low.

# STEELE'S

Home Furnishers  
to the People.

It is wonderful how soon people get to know where the money goes the farthest. "The best assortment and the lowest prices in Manitoba," is the verdict of everybody who has inspected our immense stock. Let us number you amongst our thousands of customers.

These are samples of a few of our BARGAINS:

### BEDROOM SUITES.

A good hardwood B.R. Suite (the same as shown in cut). Bureau has 14x21 plate-glass mirror, shaped tops, combination Wash-stand, full-size bed. Regular value \$17.50  
Reduced to \$14.75

### SIDEBOARDS.

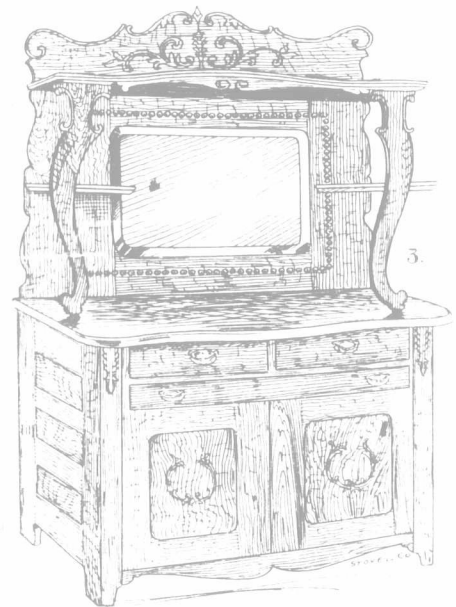
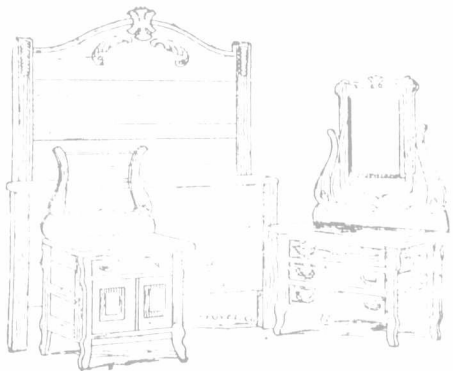
Same as shown in cut. Golden elm. Size of case, 18x18 inches, with two cutlery drawers and large-size cupboard. Mirror 14x21 inches. Total height, 6 feet. This sideboard would be cheap at \$15.00  
Our price \$10.00

### PARLOR SUITES.

Five-piece Parlor Suite, solid oak or walnut frames, covered with fine figured velours. This Suite is sold every where else at \$28.00  
We will sell a limited number of these at \$19.75

### LOUNGES.

Lounges with nicely carved back, covered with good pattern of tapestry. Sold regularly at \$7.00  
Our price \$5.50



All goods shipped f. o. b. Winnipeg, securely packed by our experienced packers without extra charge. Mail orders will receive our special attention. Satisfaction guaranteed.

You get married - we feather the nest.

## THE C. R. STEELE FURNITURE CO.,

298 MAIN ST.

WINNIPEG, MAN.

# Thompson, Sons & Co.

ESTABLISHED 1883.

GRAIN COMMISSION MERCHANTS.

LICENSED AND BONDED.

WE HANDLE

## Wheat, Oats, Barley and Flax


ON COMMISSION ONLY.

Farmers who ship their grain to Fort William, Port Arthur or Duluth will find it to their advantage to have it sold through us. We obtain best prices, and make prompt returns when grain is sold. Advances made on shipping bills up to 90 per cent. of value. Enquiries re market prices, etc., promptly answered.

P. O. BOX 758.

BANKERS: UNION BANK OF CANADA. WRITE FOR TERMS AND SHIPPING INSTRUCTIONS.

WINNIPEG.



**GRAND JEWEL STOVES**

Often Imitated  
Never Equaled

Sold by First Class  
Stove Merchants  
Everywhere.

**GOSSIP.**

Wm. McDonald, of Pilot Mound, has a nice herd of Shorthorns. Cronje, his stock bull, was bred by J. S. Robson, and sired by one of the noted Greenway herd. His cows, fourteen in number, are of the thick, blocky type, mostly sired by King Christopher and Red Emperor 4th. The yearlings were also sired by King Christopher, and the calves, six in number, two of which are very promising bulls, were sired by Cronje.

Mr. J. M. Macfarlane, of Moose Jaw, reports that his young Clydes are doing well, and that lately he has sold Macdonald, one of his promising young stallions, to Mr. R. Beard, of the same place. Macdonald is a strong, growthy colt, with good bone, and well muscled, and gives promise of developing into a right good one. The mares, too, are all doing well and are safely in foal to Imp. Fortune Finder.

At Marringhurst, Mr. R. M. Wilson has established a very nice herd of Shorthorns, which, although not very large, has a good foundation and is growing right along. In all probability, Mr. Wilson will be going east shortly for the purpose of bringing up some more of the right kind of stock. By his advt., which is now running in the "Farmer's Advocate," his herd has increased and the surplus is for sale. The present stock bull on this farm is Sir Caithness, by Caithness, out of Marchioness 9th, by Royal Baron; dam Marchioness 4th (imp.), by Cayhurst (47560). This red bull is a straight, useful animal, very well proportioned, with exceptionally good hind quarters. He is a worthy son of Caithness, the well-known Winnipeg winner. Until lately, Caithness was stock bull for Purvis Thompson's large herd; now he belongs to J. B. Power, of Helledale Stock Farm, N. D. The cows of Mr. Wilson's herd are of good size and of the dual purpose strain. Prairie Maid, by Mayfield Duke, and out of Oaks Queen, is a strongly-made roan. Daisy Maid, a daughter of hers, by Red Knight 2nd, is another good one. Her calf, a fine young bull, smooth, growthy, straight and deep, sired by Sir Caithness, and like him in color, is a promising youngster. Lady Campbell, got by Sir Colin Campbell (imp.), and Lucy Grey, a strong, large, smooth, useful cow, of good breedy type, are some of the others. Of the three two-year-old heifers, two of them are by Sir Caithness; one an exceptionally smooth, deep, well-fleshed thing; the other nearly as good, and out of a Buttercup cow; and the third, a good one also, was sired by Red Knight, out of Miss Daisy. The yearlings and calves are all by Sir Caithness. A few Berkshires, of good type, are also kept on this farm. Mr. Wilson has lately built a nice new stable, 74 by 24, with ventilators running straight up close to the wall and out under the eaves. This stable needs six beams of horses and twenty-four cattle, and is well and conveniently fitted.



SKY LIGHT



THE SAFE LOCK SHINGLE



BABY SHINGLE MAILED FREE



CORNICE

**P**ROTECT and **O**RNAMENT your buildings with metal ROOFING, SIDING and CEILINGS. We have suitable kinds for every purpose.

Metal building materials are fire, lightning, water and wind proof, and make a building warm and dry.

Send us size of new houses, barns or outbuildings in contemplation or old ones requiring attention, and we will mail catalogue and make you an interesting proposition. Dept. A.

**The Metal Shingle & Siding Co., Limited,**  
PRESTON, ONT. | 246 Princess St., Winnipeg.



SIDING



CEILING



WINDOW CAP



FINIAL



CRIMPED SHEET



ELBOWS



METAL PUMP

METAL SHINGLE & SIDING CO. LIMITED PRESTON, ONT.

WE LEND

## Trust Funds

AT LOWEST RATES OF INTEREST ON FARM PROPERTIES.

WRITE US FOR FULL INFORMATION.

GOOD RELIABLE AGENTS WANTED.

**National Trust Company, LIMITED.**

PAID-UP CAPITAL, \$1,000,000. OFFICE AND SAFE DEPOSIT VAULTS, 323-325 Main St.

RESERVE, \$270,000.

DISCARD Hamstraps and get "Sure-Go" Hamfastener. A 20th Century Idea. No Buckle. Outlasts Harness. Simpler, quicker, works like a charm; can work it with one hand. 100,000 pre-engaged. Introduced through the world at 50 cents a pair, prepaid. Send only current funds. Address: JOHN PAUSAM, 175 C. RACINE, WISCONSIN, U. S. A.



## THE BEST OF ALL.

The COMBINATION HEATING SYSTEM is acknowledged one of the very best methods of heating a building. Our

# "ECONOMY"

COMBINATION HEATER is used throughout this continent by people who have experimented with other makes. It is easily handled; works easily; burns little coal. Write for a new booklet on this Heater.

We also manufacture Warm Air Furnaces and Hot Water Boilers for all kinds of fuel.

**J. F. PEASE FURNACE COMPANY, Limited,**

189-193 Queen St. East. TORONTO.

# BANK OF HAMILTON

HEAD OFFICE:  
HAMILTON, ONTARIO.

Paid-up Capital, \$2,000,000;  
Reserve, \$1,500,000;  
Total Assets, \$19,000,000.

BRANCHES IN MANITOBA and N.-W. T.:  
WINNIPEG  
(CORNER MAIN AND McDERMOTT STREETS;  
C. BARTLETT, AGENT),  
PILOT MOUND,

BRANDON, MANITOU,  
CARMAN, MORDEN,  
HAMIOTA, STONEWALL,  
PLUM COULEE, WINKLER,  
INDIAN HEAD, N.-W. T. MOOSE JAW, N.-W. T.

Deposits Received and Interest Allowed  
GENERAL BANKING BUSINESS  
TRANSACTED.

Collections carefully and promptly effected at all  
points in Canada. Savings Banks at all Offices.  
Correspondence solicited.

## The Best Watch for the Money.

We will sell you a gent's genuine  
Waltham stem-wind 17-jewel move-  
ment in an open-face nickel case for  
\$11.00, or in a 20 year gold-filled  
case for \$15.00. A special guarantee  
goes with each watch. Our repairing  
department is as efficient as can be.  
A post card will bring you a mailing  
box.

D. A. REESOR, "THE JEWELER,"  
Brandon, Man.

Official Watch Inspector - Issuer of Marriage  
Licenses.  
or for the C.P.R.

To build up the West support its institutions.

## THE MANITOBA FIRE ASSURANCE CO'Y

ESTABLISHED 1886.

Head Office: Winnipeg.

Full Government deposit. Licensed by Ter-  
ritorial Government. Special inducements  
to Farmers to insure in this Company.  
Reliable, energetic agents wanted in un-  
represented districts.

HON. H. J. MACDONALD, K. C., President.  
J. T. GORDON, M. P. P., Vice-President.  
H. H. BECK, Managing - Director.

Address all communications to Managing-Director,  
WINNIPEG, MANITOBA.

R. A. BONNAR,  
Barrister, Notary Public,  
Conveyancer, Etc.

Office 494 1/2 Main St., Winnipeg, Man.  
Special attention to collections. Solicitor for "Farm-  
er's Advocate," Winnipeg. 24-a-m

### DR. BARNARDO'S HOMES.

The managers of these institutions invite applica-  
tions from farmers and others for the boys and  
youths who are being sent out periodically from  
their English training-homes. The older boys remain  
for a period of one year at the Farm Home at Rus-  
sel, during which time they receive practical instruc-  
tion in general farm work before being placed in situ-  
ations. Boys from eleven to thirteen are placed from  
the distributing home in Winnipeg. Applications for  
younger boys should be addressed to the Secretary,  
115 Pacific Avenue, Winnipeg, or P.O. Box 206; and  
for older boys, possessing experience in farm work,  
to Manager, Dr. Barnardo's Farm Home, Barnardo,  
Man.

## I Print Anything

from a Visiting Card to a Poster. Write for prices  
Mention "Adv." in ad.

F. WORKMAN, PRINTER,  
316 McDermott Ave. Winnipeg. Phone 1588

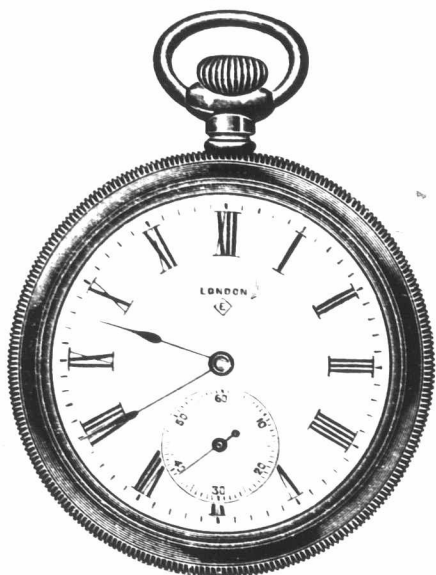
English Flat Coated Retriever Pups  
TWO MONTHS OLD.

By Imp. Winnipeg, 1914, 1915, 1916, 1917, 1918, 1919,  
1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928,  
1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937,  
1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946,  
1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955,  
1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964,  
1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973,  
1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982,  
1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991,  
1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000,  
2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009,  
2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018,  
2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027,  
2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036,  
2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045,  
2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054,  
2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063,  
2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072,  
2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081,  
2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090,  
2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099,  
2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108,  
2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117,  
2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126,  
2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135,  
2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144,  
2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153,  
2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162,  
2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171,  
2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180,  
2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189,  
2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198,  
2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207,  
2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216,  
2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225,  
2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234,  
2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243,  
2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252,  
2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261,  
2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270,  
2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279,  
2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288,  
2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297,  
2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306,  
2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315,  
2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324,  
2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333,  
2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342,  
2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351,  
2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360,  
2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369,  
2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378,  
2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387,  
2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396,  
2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405,  
2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414,  
2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423,  
2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432,  
2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441,  
2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450,  
2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459,  
2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468,  
2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477,  
2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486,  
2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495,  
2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504,  
2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513,  
2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522,  
2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531,  
2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540,  
2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549,  
2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558,  
2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567,  
2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576,  
2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585,  
2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594,  
2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603,  
2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612,  
2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621,  
2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630,  
2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639,  
2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648,  
2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657,  
2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666,  
2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675,  
2676, 2677, 2678, 2679, 2680, 2681, 2682, 2683, 2684,  
2685, 2686, 2687, 2688, 2689, 2690, 2691, 2692, 2693,  
2694, 2695, 2696, 2697, 2698, 2699, 2700, 2701, 2702,  
2703, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2711,  
2712, 2713, 2714, 2715, 2716, 2717, 2718, 2719, 2720,  
2721, 2722, 2723, 2724, 2725, 2726, 2727, 2728, 2729,  
2730, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738,  
2739, 2740, 2741, 2742, 2743, 2744, 2745, 2746, 2747,  
2748, 2749, 2750, 2751, 2752, 2753, 2754, 2755, 2756,  
2757, 2758, 2759, 2760, 2761, 2762, 2763, 2764, 2765,  
2766, 2767, 2768, 2769, 2770, 2771, 2772, 2773, 2774,  
2775, 2776, 2777, 2778, 2779, 2780, 2781, 2782, 2783,  
2784, 2785, 2786, 2787, 2788, 2789, 2790, 2791, 2792,  
2793, 2794, 2795, 2796, 2797, 2798, 2799, 2800, 2801,  
2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810,  
2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819,  
2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828,  
2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837,  
2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845, 2846,  
2847, 2848, 2849, 2850, 2851, 2852, 2853, 2854, 2855,  
2856, 2857, 2858, 2859, 2860, 2861, 2862, 2863, 2864,  
2865, 2866, 2867, 2868, 2869, 2870, 2871, 2872, 2873,  
2874, 2875, 2876, 2877, 2878, 2879, 2880, 2881, 2882,  
2883, 2884, 2885, 2886, 2887, 2888, 2889, 2890, 2891,  
2892, 2893, 2894, 2895, 2896, 2897, 2898, 2899, 2900,  
2901, 2902, 2903, 2904, 2905, 2906, 2907, 2908, 2909,  
2910, 2911, 2912, 2913, 2914, 2915, 2916, 2917, 2918,  
2919, 2920, 2921, 2922, 2923, 2924, 2925, 2926, 2927,  
2928, 2929, 2930, 2931, 2932, 2933, 2934, 2935, 2936,  
2937, 2938, 2939, 2940, 2941, 2942, 2943, 2944, 2945,  
2946, 2947, 2948, 2949, 2950, 2951, 2952, 2953, 2954,  
2955, 2956, 2957, 2958, 2959, 2960, 2961, 2962, 2963,  
2964, 2965, 2966, 2967, 2968, 2969, 2970, 2971, 2972,  
2973, 2974, 2975, 2976, 2977, 2978, 2979, 2980, 2981,  
2982, 2983, 2984, 2985, 2986, 2987, 2988, 2989, 2990,  
2991, 2992, 2993, 2994, 2995, 2996, 2997, 2998, 2999,  
3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008,  
3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017,  
3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026,  
3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 3035,  
3036, 3037, 3038, 3039, 3040, 3041, 3042, 3043, 3044,  
3045, 3046, 3047, 3048, 3049, 3050, 3051, 3052, 3053,  
3054, 3055, 3056, 3057, 3058, 3059, 3060, 3061, 3062,  
3063, 3064, 3065, 3066, 3067, 3068, 3069, 3070, 3071,  
3072, 3073, 3074, 3075, 3076, 3077, 3078, 3079, 3080,  
3081, 3082, 3083, 3084, 3085, 3086, 3087, 3088, 3089,  
3090, 3091, 3092, 3093, 3094, 3095, 3096, 3097, 3098,  
3099, 3100, 3101, 3102, 3103, 3104, 3105, 3106, 3107,  
3108, 3109, 3110, 3111, 3112, 3113, 3114, 3115, 3116,  
3117, 3118, 3119, 3120, 3121, 3122, 3123, 3124, 3125,  
3126, 3127, 3128, 3129, 3130, 3131, 3132, 3133, 3134,  
3135, 3136, 3137, 3138, 3139, 3140, 3141, 3142, 3143,  
3144, 3145, 3146, 3147, 3148, 3149, 3150, 3151, 3152,  
3153, 3154, 3155, 3156, 3157, 3158, 3159, 3160, 3161,  
3162, 3163, 3164, 3165, 3166, 3167, 3168, 3169, 3170,  
3171, 3172, 3173, 3174, 3175, 3176, 3177, 3178, 3179,  
3180, 3181, 3182, 3183, 3184, 3185, 3186, 3187, 3188,  
3189, 3190, 3191, 3192, 3193, 3194, 3195, 3196, 3197,  
3198, 3199, 3200, 3201, 3202, 3203, 3204, 3205, 3206,  
3207, 3208, 3209, 3210, 3211, 3212, 3213, 3214, 3215,  
3216, 3217, 3218, 3219, 3220, 3221, 3222, 3223, 3224,  
3225, 3226, 3227, 3228, 3229, 3230, 3231, 3232, 3233,  
3234, 3235, 3236, 3237, 3238, 3239, 3240, 3241, 3242,  
3243, 3244, 3245, 3246, 3247, 3248, 3249, 3250, 3251,  
3252, 3253, 3254, 3255, 3256, 3257, 3258, 3259, 3260,  
3261, 3262, 3263, 3264, 3265, 3266, 3267, 3268, 3269,  
3270, 3271, 3272, 3273, 3274, 3275, 3276, 3277, 3278,  
3279, 3280, 3281, 3282, 3283, 3284, 3285, 3286, 3287,  
3288, 3289, 3290, 3291, 3292, 3293, 3294, 3295, 3296,  
3297, 3298, 3299, 3300, 3301, 3302, 3303, 3304, 3305,  
3306, 3307, 3308, 3309, 3310, 3311, 3312, 3313, 3314,  
3315, 3316, 3317, 3318, 3319, 3320, 3321, 3322, 3323,  
3324, 3325, 3326, 3327, 3328, 3329, 3330, 3331, 3332,  
3333, 3334, 3335, 3336, 3337, 3338, 3339, 3340, 3341,  
3342, 3343, 3344, 3345, 3346, 3347, 3348, 3349, 3350,  
3351, 3352, 3353, 3354, 3355, 3356, 3357, 3358, 3359,  
3360, 3361, 3362, 3363, 3364, 3365, 3366, 3367, 3368,  
3369, 3370, 3371, 3372, 3373, 3374, 3375, 3376, 3377,  
3378, 3379, 3380, 3381, 3382, 3383, 3384, 3385, 3386,  
3387, 3388, 3389, 3390, 3391, 3392, 3393, 3394, 3395,  
3396, 3397, 3398, 3399, 3400, 3401, 3402, 3403, 3404,  
3405, 3406, 3407, 3408, 3409, 3410, 3411, 3412, 3413,  
3414, 3415, 3416, 3417, 3418, 3419, 3420, 3421, 3422,  
3423, 3424, 3425, 3426, 3427, 3428, 3429, 3430, 3431,  
3432, 3433, 3434, 3435, 3436, 3437, 3438, 3439, 3440,  
3441, 3442, 3443, 3444, 3445, 3446, 3447, 3448, 3449,  
3450, 3451, 3452, 3453, 3454, 3455, 3456, 3457, 3458,  
3459, 3460, 3461, 3462, 3463, 3464, 3465, 3466, 3467,  
3468, 3469, 3470, 3471, 3472, 3473, 3474, 3475, 3476,  
3477, 3478, 3479, 3480, 3481, 3482, 3483, 3484, 3485,  
3486, 3487, 3488, 3489, 3490, 3491, 3492, 3493, 3494,  
3495, 3496, 3497, 3498, 3499, 3500, 3501, 3502, 3503,  
3504, 3505, 3506, 3507, 3508, 3509, 3510, 3511, 3512,  
3513, 3514, 3515, 3516, 3517, 3518, 3519, 3520, 3521,  
3522, 3523, 3524, 3525, 3526, 3527, 3528, 3529, 3530,  
3531, 3532, 3533, 3534, 3535, 3536, 3537, 3538, 3539,  
3540, 3541, 3542, 3543, 3544, 3545, 3546, 3547, 3548,  
3549, 3550, 3551, 3552, 3553, 3554, 3555, 3556, 3557,  
3558, 3559, 3560, 3561, 3562, 3563, 3564, 3565, 3566,  
3567, 3568, 3569, 3570, 3571, 3572, 3573, 3574, 3575,  
3576, 3577, 3578, 3579, 3580, 3581, 3582, 3583, 3584,  
3585, 3586, 3587, 3588, 3589, 3590, 3591, 3592, 3593,  
3594, 3595, 3596, 3597, 3598, 3599, 3600, 3601, 3602,  
3603, 3604, 3605, 3606, 3607, 3608, 3609, 3610, 3611,  
3612, 3613, 3614, 3615, 3616, 3617, 3618, 3619, 3620,<

## Two Watch Specials.

**A**MONG our high-grade Watch Movements none give better satisfaction than our **London** movement. Thousands of these movements have been sent by us all over Canada, and all, as far as we know, are giving genuine satisfaction. They are guaranteed by one of the largest manufacturers in the world, and also carry the Eaton guarantee to give satisfaction or money refunded.

To make this splendid movement more widely known, we are willing to offer a limited number at this special price:



### Men's Watches.

This style and size Watch, in a gold-filled case, guaranteed for 20 years, handsomely engraved or engine turned, screw back and bezel, fitted with a 15 jewelled London nickel movement, Breguet hair spring, exposed wind wheels, stem wind and set.

Sent to any address in Canada by registered mail, post paid for **\$9.75**

### Ladies' Watches.

The movement in the Lady's Watch is a 7 jewel London nickel movement, flat hair spring, exposed wind wheels, stem wind and stem set, in an engraved or engine turned gold filled case, or if preferred, the same movement in a plain, polished gold filled case, with stem wind and pendant set. This watch postpaid by registered mail, to any address in Canada, for **\$9.75**

Note--Our written guarantee with each watch.

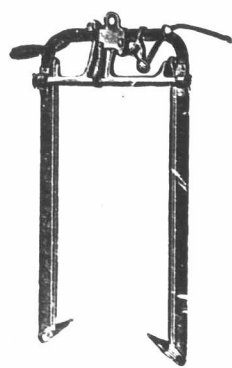
All absolutely dust-proof cases, guaranteed for 20 years. Money refunded if these watches fail to give satisfaction as time-keepers.

Send at once to—

**THE T. EATON CO. LIMITED**  
190 YONGE ST. TORONTO, CAN.

**Page Acme Poultry Netting**  
is close meshed at bottom and does not require rail or board support at edges, having strong straight wire (No. 12 gauge) at top, bottom and in centre, cannot sag and is easy to erect. The "Page Acme" netting is of neat appearance, very durable and cheap. We also make farm and ornamental fence, gates, nails and staples. The name of Page is your guarantee of quality.  
The Page Wire Fence Co., Limited, Walkerville, Ont.

NOTE  
CLOSE  
MESH  
AT  
BOTTOM



### PROVAN'S PATENT REVERSIBLE Carriers, Fork and Slings

FOR ROUND IRON, WOOD OR ANGLE STEEL TRACKS.  
Have now become a standard of excellence with the farmers of Canada and the United States. At the World's Fair, Chicago, 1893, the only medal and diploma given on hay carriers, forks and slings was awarded to us on these implements. Following is a copy of the judges' award: AWARD. "For open trip hook to receive the sling; automatic clutch, adjustable for size of load desired; ingenious design of stop-block, which enables perfect control of carriage; no springs required for locking car, which has motion in all directions; compact form of fork, which can be tripped in any position; the car is reversible and of double action; for novelty, ingenuity and usefulness, excellence of material and construction." Correspondence solicited.  
Manufactured by  
**JAMES W. PROVAN,**  
Special discount for cash, OSHAWA, ONT., CAN.

## Agricultural College

- (1) Three Weeks' Creamery Course—Dec. 1, 1902.
- (2) Twelve Weeks' Dairy Course—Jan. 2, 1903.
- (3) Two Weeks' Course in Stock and Grain Juoging—Jan. 8, 1903.
- (4) Four Weeks' Course in Poultry Raising—Jan. 9, 1903.

Letters admitted to Dairy and Poultry Courses. Send for special circulars.

**JAMES MILLS, M. A., President.**

October, November, 1902.

**Please Mention Farmer's Advocate.**

### NOTICES.

**THE KARN PIANO CO., Ltd.**, under the able management of H. O. Wright, are conducting a most successful organ and piano business on Portage avenue in Winnipeg. With a factory and headquarters at Woodstock, Ont., Canada, this concern has manufactured pianos and organs for a number of years. Recently they have added the "Pianauto," a mechanical piano player, to their lines, and the demand for this unique instrument has more than reached their expectations. The Western office have recently prepared a list of second-hand pianos they have on hand. Concert grands and squares, bearing the names of reliable New York and Boston makers, appear on the list.

**THE C. S. STEELE FURNITURE CO.** is a new firm in Winnipeg, having opened on September 4th, with a grand opening when thousands called, eager to see the fine display of furniture. Since the opening, this up-to-date firm have been doing an immense business, and why? Because they have given the purchaser every advantage to secure good goods at right prices. The business has grown to such an extent that it cannot be carried on in the present size of store occupied, and they have now purchased, along with the store, the property in the rear running through to Front St., 50 x 120 feet, where they are going to build, in the spring, showrooms and warehouses 50 x 120 feet, four stories, which, when completed, will be the largest floor space in Canada in this line. The firm intend to carry everything in household necessities, and will be in a position to furnish the house everything from cellar to garret. All mail orders will receive prompt attention, and goods will be forwarded without delay, and will be selected with as much care and attention as if the purchaser were present in person. The Steele Co. have a future before them, and they wish to establish a reputation of giving a customer "honest value for his money."

**NATIONAL BUSINESS COLLEGE**, Winnipeg's Well-known School of Business Training. With its wisely-arranged curriculum, embracing those subjects which are demanded in the business world to-day and its efficient and thorough instruction therein, the National Business College has adapted itself most remarkably to the needs of those educating for business life.



C. J. O'Sullivan, C. E. M. A.

Mr. O'Sullivan, the president of the institution, is highly recommended by the press and business men of the Dominion. He has been awarded three prizes for his services to the community, and is a member of the Canadian and American Societies of Publicists. He is also a member of the Executive of the National Business College, and is the author of the book "The Business of the Future," published by the National Business College, Winnipeg, Manitoba.

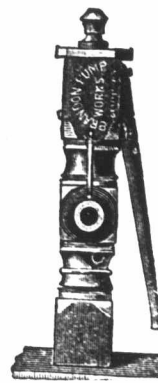
## EVERY FARMER

SHOULD HAVE A  
**PUMP.**

Do you want the best?  
Then try one of my

### 20th Century Cattle Pumps.

These pumps fill a pail in three strokes. I keep a full line of wood pumps and repairs of all sizes. Sole agent for Myers' Brass Lined Cylinder Pumps, and Hayes' Double-acting Force Pumps. Satisfaction guaranteed. Write for catalogue. Address: **BRANDON PUMP WORKS,** (H. CATR, PROP.), Box 410. Brandon, Man.



Farmers Advocate

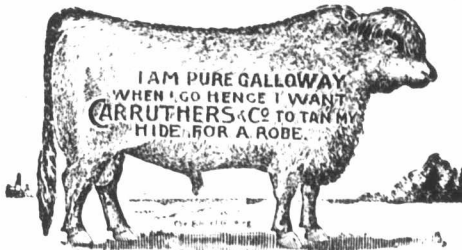
**150,000** Healthy, well-rooted, Manitoba-grown young trees, plants, seedlings, roots, vines and cuttings, Russian poplars, and willows, maples, elms, flowering shrubs, Virginian creepers, rhubarb roots, small fruits of all kinds, and a few apples and crabs. Prices away down. Send for price list.

**CALDWELL & CO.,** Virden Nurseries, VIRDEN, MAN.

**T. E. M. BANTING, Banting, Manitoba,**

Breeder of prize Tanworths. Both sexes, young and old, for sale. On Glenar branch of C. P. R.

**STRAYED**—From section 7-12 west, in Novem ber 21, br. wn mare (Bronko), 5 years old, branded — left shoulder; left hind foot white. Five dollars reward for recovery. **JAMES D. BLOOKS,** Plum Coulee.



"What a Wise Old Chap!"  
He has left his hide in good hands. Send for our circular in reference to custom tanning. We send samples of work with circular.

**CARRUTHERS & CO.,** TANNERS, and dealers in hides, wool, sheepskins, furs, tallow, etc. 9th Street, Brandon, Man.

## POPLAR GROVE



### HEREFORDS

The leading herd of Western Canada.

Cows, Heifers and Bulls for Sale.

**J. E. MARPLES, Deleau, Manitoba.**

**D. FRASER & SONS,** EMERSON, MAN.

Breeders and importers of Durham Cattle, Shropshire and Southdown Sheep; Berkshire, Tanworth and Poland-China Pigs.

## GALLOWAYS:

Bulls and heifers for sale.

APPLY TO  
**T. M. CAMPBELL,** "HOPE FARM," St. Jean Baptiste, Manitoba.

**ABERDEEN-ANGUS AND BERKSHIRES.** Two bull calves, one in calf, Winnipeg, and young pig, both raised by Nora Duke, 2909, bred by J. A. McGill.  
**F. J. COLLYER, HOUGHTON FARM,** WELWYN, ASBA.

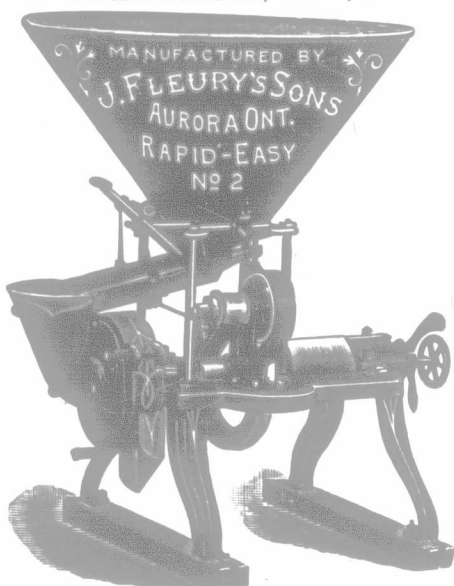
GRINDERS, "RAPID-EASY." MOST WORK WITH LEAST POWER. For ENGINE, TREAD and SWEEP HORSE POWER or WINDMILL. PLATES that do BEST WORK and last LONGEST; therefore, CHEAPEST.

LETTERS FROM CUSTOMERS.

"Last winter I bought a No. 1 (8-inch) Rapid-Easy Grinder from Mr. Henry Lawrence. This Grinder, in my opinion, cannot be surpassed for CAPACITY and EASY RUNNING. I run it with two-horse TREAD POWER, and grind from 8 to 10 bushels mixed grain per hour, and get No. 1 RESULTS. I consider it the BEST INVESTMENT I ever made." MARSHALL DESJARDINE, Brentwood, Ont.

"The RAPID-EASY Grinder made by the Fleury Co. is everything the NAME IMPLIES. At Mr. Torrance's we ground 200 bags in EIGHT AND A HALF HOURS, and it did not run much faster than a cutting box. I have ground OVER THREE THOUSAND BUSHELS with ONE PAIR of plates, and they seem none the worse yet. The machine is easily set, runs quiet and never heats. There are a large number of grinders around here, but IT IS ACKNOWLEDGED BY ALL that the Rapid-Easy TAKES THE CAKE." N. HOLDSWORTH, Thornton, Ont.

"Your Rapid-Easy Grinder No. 2 is a FINE MACHINE. I am doing an IMMENSE amount of CUSTOM WORK with it, and giving the greatest satisfaction in quality of work done, also in quantity in a given time. On one of my grinding days we counted the bags, and found we ground of all sorts of grain (barley, oats, peas and wheat), 180 bags; doing FINE WORK, and ALL in LESS than a TEN-HOUR day." J. D. McCALLUM, Strange.



Cut of Grinders Nos. 1 and 2 (8 in. and 10 in.).

"The R. E. Grinder I purchased from your agent, Mr. N. C. Royce, runs VERY LIGHT and does its work FAST and WELL. We ground a TON of mixed barley, peas and oats in 40 minutes with a 14-H.-P. engine, using 50 lbs. of steam, and ground it fine. I think it is the best Grinder on the market to-day." M. SCOTT, Eden Grove.

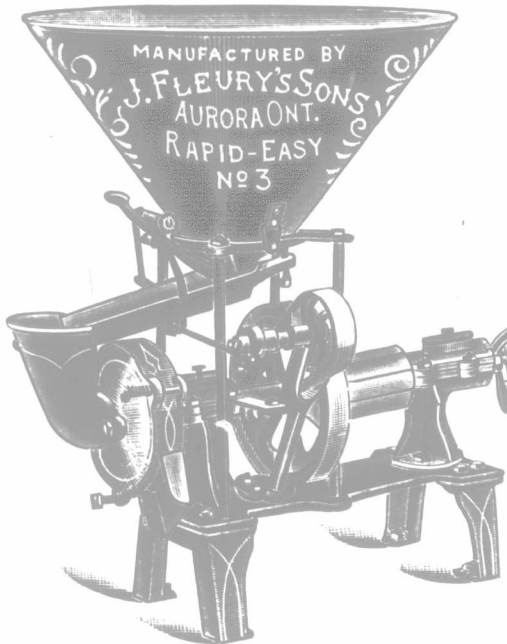
"The No. 3 'Rapid-Easy Grinder' I got from you comes up to my expectations in every particular. I am doing CUSTOM GRINDING with it. It is well ADAPTED for this kind of work. With a 20-H.-P. engine I am running the Grinder and one run of stones, and can handle them both easily. I can recommend your Grinder as a FIRST-CLASS MACHINE for doing ALL KINDS OF GRINDING in mixed grains." CHAS. NORMAN, Aurora, Ont.

It will pay you to buy now and do your own grinding.

Fine lithographic banger and also information on application.

Write us, or District Agencies as follows, without delay:—

- The Fairchild Co., Winnipeg, Man.
The T. J. Trapp Co., New Westminster, B. C.
W. R. Megaw, Vernon, B. C.
A. A. Johnston, 212 St. Paul St., Montreal, Que.
P. T. Legare, Quebec, Que.
J. Clark & Son, Fredericton, N. B.
The Lonsbury Co., Newcastle, N. B.
W. F. Dibblee & Son, Woodstock, N. E.
A. Horne & Co., Charlottetown, P. E. I.
J. M. Clark, Summerside, P. E. I.



Bligh & Prince, Truro, N. S.
Hilsley & Harvey, Pt. Williams, N. S.

J. FLEURY'S SONS, Aurora, Ontario, Canada. Medals: World's Fairs, Chicago and Paris.

JAPANESE FERN BALLS

Will grow and thrive under the most adverse conditions.



This beautiful novelty is an importation from Japan and is certainly the finest addition to the Fernery yet introduced. The Ball is composed of the Japanese Island Fern Roots and Sphagnum Moss, and so constructed as to send out leaves of beautiful emerald green from every point. They are quite hardy, grow rapidly and make a handsome ornament for the home, conservatory or greenhouse.

Directions for starting.—Place ball in water for fifteen minutes and then suspend in any desired position; repeat every two days until growth is started, after which sprinkle occasionally as required. To use in fern dish, cut ball in halves, placing flat side down, thus getting two dishes of beautiful ferns. The Fern Ball may be allowed to dry up at any time and be set away, and started again by watering same as before. These arrive about the middle of December, and grow much faster if procured and started immediately on their arrival.

DORMANT BALLS, about 8 inches diameter, 10c. each; post-paid, 30c. each.
Our beautifully illustrated catalogue of everything in SEEDS will be mailed free to all applicants early in January. Write for it.

JOHN A. BRUCE & CO., SEED MERCHANTS, Hamilton, Canada.

LAMB FENCE

Lamb Fence. Best because made of best wire.

The H. R. Lamb Fence Co., Ltd., London, Ont.

GOSSIP.

Mr. C. J. Thompson, Manager of the Provincial Mutual Hail Assurance Company (head office, Winnipeg), has lately been elected secretary of the Winnipeg Forestry Association, in place of Mr. Bartlett, who recently resigned.

Colquhoun & Galbraith are salesmen on the eastern branch of the C. P. R. for Alex. Galbraith & Son, of Janesville, Wis., and Brandon, Man. Clydesdales, Suffolks and Percherons, of good type, with abundant size and quality, can be had through them. This firm is well known for doing business on right principles.

Sir Walter, got by Scottish Canadian, is the herd bull of G. E. Wallace, of Portage la Prairie. This herd is in very fine shape, the young things looking particularly well. The calves are by Charger, a Watt-bred bull. Look elsewhere for ad., which appears in this issue.

South and east of Pilot Mound, Harold V. Boote owns a large wheat farm of 800 acres. Mr. Boote has been 17 years in this country, and has a very good house and large, well-finished bank barn 40 by 86, with stone stable, hay-fork track, windmill for crushing grain, and other conveniences, besides granary built on the plan of an ordinary barn with driveway in the center and hay-fork track at the peak of the roof, to which is attached a large box with a slanting bottom and hinged door at one end. This box is let down by the wagon of grain and filled. Then it is hauled up on the same principle as a lift of hay, and when it is just above the desired bin the trip rope is pulled and the whole instantly emptied. Three lifts will take a full wagon load and dump it in the granary as high as desired. Besides the windmill for crushing feed and cutting wood, Mr. Boote has another for pumping.

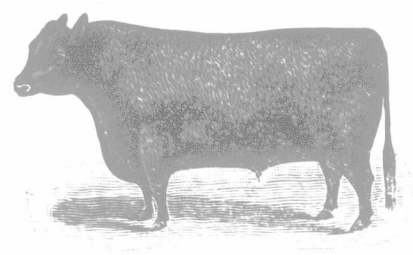
Quite a number of cattle are raised and fed on this farm. Mr. Boote believes in mixed farming, and is gradually shaping things with that end in view. A quarter section of this farm is enclosed with Page wire fence, cedar posts being used. More will likely be done soon.

A very good Hereford bull is kept, also quite a lot of Tamworth pigs, besides the necessary work horses.

This year 450 acres were under cultivation, the crop all being sowed by Mr. Boote with a disk drill. On this farm, before threshing started, 109 good stacks could be seen. No farm in the vicinity could boast of as many. The yield of grain was very satisfactory.

Mr. W. W. Ballantyne, Stratford, Ont., in ordering an enlargement of his ad., writes: "I have lately added to my herd of Ayrshires, the very excellent cow, Spotty—2565—, by Sir Leo—1291—, from Wm. Gillard, St. Paul's Ont., who has dispersed his herd, and who kept an accurate record of every cow in his stable. In the four seasons that he had her, in 1,411 days she gave 41,219 lbs. milk with 1,713 lbs. butter-fat, or 1,999 lbs. butter, averaging for the four years, 4.20 per cent. of fat. Last season, milking 368 days, she gave 11,277 lbs. milk and 555 lbs. butter. She is a grand type of milker, and I consider myself very fortunate in securing her with a heifer calf by my expert breeding imported bull, Royal Peter of St. Annes. Her yearling daughter, by our former herd bull, Laird of Thorncliffe, also accompanied her. Another addition was three heifers, of fine type, from B. S. Brooks, Brantford, two of them being by that grand old bull, George's Style of Auchincloss (imported), and from dams descended from one of the late Thos. Guy's best females. I am particularly pleased to see that the heifers are by Royal Peter, and I am sure that the best of the best will be secured by the purchase of the cow and her calf." Mr. Ballantyne writes: "I have lately added to my herd of Ayrshires, the very excellent cow, Spotty—2565—, by Sir Leo—1291—, from Wm. Gillard, St. Paul's Ont., who has dispersed his herd, and who kept an accurate record of every cow in his stable. In the four seasons that he had her, in 1,411 days she gave 41,219 lbs. milk with 1,713 lbs. butter-fat, or 1,999 lbs. butter, averaging for the four years, 4.20 per cent. of fat. Last season, milking 368 days, she gave 11,277 lbs. milk and 555 lbs. butter. She is a grand type of milker, and I consider myself very fortunate in securing her with a heifer calf by my expert breeding imported bull, Royal Peter of St. Annes. Her yearling daughter, by our former herd bull, Laird of Thorncliffe, also accompanied her. Another addition was three heifers, of fine type, from B. S. Brooks, Brantford, two of them being by that grand old bull, George's Style of Auchincloss (imported), and from dams descended from one of the late Thos. Guy's best females. I am particularly pleased to see that the heifers are by Royal Peter, and I am sure that the best of the best will be secured by the purchase of the cow and her calf."

Aberdeen-Angus Cattle Pure-bred Clydesdale Horses.



It will pay Canadian farmers

TO WRITE JOHN R. CAMPBELL, Prop. HIGHLAND STOCK FARM, CLYDE, MINN., U. S. A. For prices on CLYDESDALE STALLIONS from strains that are famous the world over. Has been a breeder of Aberdeen-Angus Cattle for 20 years. Address JOHN R. CAMPBELL, Highland Stock Farm, CLYDE, MINN., U. S. A.

Aberdeen-Angus Bull Calves FOR SALE.

with fashionable pedigrees, from such families as Queen Mother, Victorias and Mayflower; strong, trustworthy individuals. Prices right.

JOHN TRAQUAIR, WELWYN, ASSA.

SHORTHORNS AND BERKS FOR SALE Stock bull, Sir Caithness; also young bulls and heifers of his get, possessing extra quality and good bone. Large Berks for sale, of both sexes. Purchaser's livery paid. R. M. WILSON, Pilot Mound Station, Marringhurst P. O.

LAKESIDE SHORTHORNS FOR SALE

Stock Bull, Sir Colin Campbell (imp), winner of 2nd place at the Winnipeg Industrial, 1902; also Royal Campbell, rising 2, another Winnipeg winner, and two bull calves under 1 year—the low set, growthy kind sired by Sir Colin. R. McLennan, Holmfield.

FORESTHOME FARM

Shorthorns, Yorkshires, and Barred P. Rocks FOR SALE: A number of choice young bulls, a fine lot of heifers fit for service. Sows of different ages, bred and ready for breeding. Young pigs, both sexes. An exceptionally fine lot of cockerels—large, healthy, well-bred fellows. All at reasonable prices.

Carman, C. R., Roland, C. N. R. ANDREW GRAHAM, Pomeroy P. O.

3 Shorthorn Bulls

For sale, from 9 months to 2 1/2 years old—the low set, thick-fleshed kind. One won sweepstakes at Portage la Prairie when a calf, and 1st as a yearling. T. E. WALLACE, Portage la Prairie.

Plain View Stock Farm



You are always welcome to come and see us. We look as well as ever, and still fill the ring. We are all at home—and for sale. F. W. BROWN, Portage la Prairie, Man.

Shorthorns, Leicesters, Berkshires.

Several good young bulls and heifers, a number of Leicester ewes; also, some of each sex in Berkshires for sale. T. JASPAR, BRADWARDINE, MAN.

MELROSE STOCK FARM.



GEO. RANKIN & SONS, Hamiota Man. Shorthorns and Clydesdales.

Sixteen bulls aged from six months to two years; 15 cows and heifers, all of Scotch bred type. A few Clydes of both sexes for sale.



**DON'T**

BUY A SEPARATOR UNTIL  
YOU HAVE SEEN THE

# National.

**EXAMINE**

The simplicity of the design. All wheels and bearings protected, being perfectly safe in the hands of a child. It has anti-friction ball bearings. Few parts to wash—only two pieces inside the bowl.

The National is made by The Raymond Mfg. Co. of Guelph, whose success with the celebrated Raymond Sewing Machine is sufficient guarantee of the high finish and workmanship.

In 1901 five machines a day were manufactured. For 1902 the capacity is increased to 25 machines per day, showing the satisfaction given by the National in the past two years.

The 1902 National contains all the strong points found in other separators, and is placed on the market with the guarantee of being the best and most up-to-date machine in every particular offered to the Western farmers to-day.

The National will well repay investigation by intending purchasers.  
National No. 1, capacity 330 to 350 lbs. per hour.  
National No. 1 A, capacity 450 to 500 lbs. per hour.

AGENTS WANTED IN UNREPRESENTED DISTRICTS.

## The Raymond Mfg. Co. of Guelph, LIMITED.

GUELPH, ONT.

WE ALSO MAKE GOOD SEWING MACHINES.

Joseph A. Merrick, P. O. Box 518, Winnipeg, Gen. Agt. Manitoba and N.-W.T.

**GOSSIP.**

**JERSEY BREEDERS' MEETING.**  
The annual meeting of the Canadian Jersey Cattle Club will be held in the parlors of the Walker House, Toronto, on Tuesday, December 30th.

**A CHAMPION SHORTHORN.**

Spicy Marquis (80032) =36118=, the champion Shorthorn bull illustrated elsewhere in this issue, was imported by and is in service in the Trout Creek herd of Mr. W. D. Flatt, of Hamilton, Ont. Spicy Marquis was born January 19th, 1902; was bred by Mr. W. S. Marr, Uppermill, Aberdeenshire; sired by Spicy Robin (69638), and is out of Maud 37th, of the excellent family of that name in Mr. Marr's herd. He was the first-prize two-year-old and the senior champion Shorthorn bull at the Toronto Industrial Exhibition in 1902. Spicy Marquis is a typical representative of the approved modern type of Shorthorn, and perhaps comes as near the standard of perfection in conformation, breed character and quality as any bull of the breed on this continent. Mr. Flatt is entitled to congratulations on the fact that he owns the champion of Canada's greatest show, and that he also imported and sold the champion bull of the International Show at Chicago in the same year.

**NOTICE.**

**INFLUENZA.**

**I**NFLUENZA is characterized by inflammation of the mucous membranes, stupor, cough, loss of appetite, and general debility. It is caused by some specific poison and is contagious.

**TREATMENT.**—If there is constipation, three to four ounces of raw flaxseed oil should be given, mild febrifuges or remedies to allay fever should be employed, such as two ounces of liquor acetate of ammonia three times a day; or ounce doses of sweet spirits of nitre should be given in a half pint of water three times a day. If there is much lassitude, tonics should be employed. Quinine in two-dram doses, three times a day, with gentian and ginger, should be given. Animals should be kept comfortably clothed at all times, and should be protected against sudden changes of temperature.

All through this treatment give Dr. Hess' Stock Food, a powerful tonic and reconstructive, which gives additional value and nutriment to the food, and steadily strengthens the animal's entire systemic condition. The improvement will be noticeable after the first three or four doses—and entire recovery will quickly follow.

Dr. Hess' Stock Food is the scientific compound for horses, cattle, hogs and sheep. It is sold on a positive written guarantee. One hundred pounds, \$7.00; 50 lbs., \$3.70; 25 lbs., \$2.00; 12 lbs., \$1.00; 7 lbs., 65 cts. Fed in small dose.

Dr. Hess is a graduate of famous medical and veterinary colleges, which recommend and use this famous preparation. No unprofessional manufacturer can equal it. If these institutions of learning know of nothing better, it must be good.

In every package of Dr. Hess' Stock Food is a little yellow card, which entitles the holder to a letter of advice and a prescription free from Dr. Hess, the eminent veterinarian, on all stock diseases and injuries.

Dr. Hess has written a book on the diseases of stock and poultry. It is the only complete treatise for farmers and stockmen published. It is consulted and commended by many leading veterinarians.

Write and state what stock you have, what stock food you have fed; also mention this paper. Address Dr. Hess & Co., 411 Broad, Ohio, U. S. A., and you will receive the valuable book free of charge. You cannot get a more valuable book for any amount of money.



**VINCENT & MACPHERSON,**

The Leading Western  
Undertakers and Embalmers.

**Rosser Avenue, Brandon.**

Write for furniture catalogue.

**RESTROUQUET STOCK FARM**

FOR SALE: About 80 head of young pure-bred Shorthorns, from 12 to 18 months old, 40 of them bulls. This herd is the Banner Herd of Manitoba, having 17 open-herd prizes to its credit, and not an animal ever beaten. All cattle sold will be delivered free of freight charges as far west as Calgary; also to Lake Dauphin, about May 1st, at our risk.

**JOSEPH LAWRENCE & SONS,**  
Clearwater, Man.

**MARCHMONT HERD**

## Scotch-bred Shorthorns

25 young bulls of modern breeding and good conformation. 3 Berkshire boars—4, 8, 13 months.

**W. S. Lister, Middlechurch, Man.**

Seven miles north of Winnipeg.  
TEL. 1004.

**THORNDALE STOCK FARM**

138 Shorthorns in Herd.  
FOR SALE: Royal Judge =29260=, one of the stock bulls, winner of 1st at Winnipeg and Brandon, and 19 young bulls; also, females of all ages.

**JOHN S. ROBSON,**  
MANITOU, MAN.

**SHORTHORNS AND CLYDES FOR SALE.**

Three choice young bulls sired by Nevaer (imp.). Also a few cows and heifers. One yearling stallion got by (imp.) McKinnon, and a few mares.

**A. & J. CHADBOURN, Ralpton, Man.**

**SHORTHORNS AND OXFORDS FOR SALE.**

Stock bull Verity Chief, also two younger ones. In females a few choice calves and yearlings. A number of both sexes in Oxford.

**T. R. TODD, HILLVIEW, MAN.**

FOR SALE:

## Registered Shorthorns

Bulls and heifers of all ages. Prices and terms to suit purchasers.

**WALTER JAMES,  
ROSSER, MAN.**

## GREENDALE STOCK FARM.

Have several young Shorthorn bulls for sale—thick, sappy fellows, of good families. Also a few upstanding, well-bred teams, weighing from 28 to 32 cwt. Prices right.

**F. W. GREEN,  
MOOSE JAW, ASSA.**

## Lakeview Stock Farm.

**SHORTHORNS FOR SALE.**

Have several heifers, 1 and 2 years old, by Baron's Pride (imp.), in calf to Clan Mackay (imp.); also some good cows in calf to Clan Mackay. One good yearling bull, by Lord Strathbrogie (imp.), out of Empress of India (imp.). Several bull calves, sired by Clan Mackay. Cheap, if sold soon.

**THOMAS SPEERS,  
OAK LAKE, MANITOBA.**

## SHORTHORNS FOR SALE

Four choice Shorthorn bulls for sale, from 5 to 15 months old, sired by General Sampson 3303, by Royal Sampson 25176; also a good yearling bull Pedigree and prices right. Address:

**R. J. STEWART, Holland, Manitoba.**

**N. nsuch Stock Farm**

**Shorthorns for Sale.**

Four choice young bulls, sired by Calhoun's Yet; yearling heifers by Sir Colin Campbell. Cross in calf; also good driving team, 4 and 5 years old. All at right prices and terms. Write quick.

**W. E. PAULL,  
Killarney, - Man.**

**THERE IS A DIFFERENCE**

between the fruit sprayed with a common spray pump and one that is not. There is a still greater profit from fruit sprayed with the SPRAMOTOR. Why is it the entomologists get such bounteous returns while the average grower fails? Why do these experts who have used the Spramotor recommend it? Why does the Spramotor kill the San Jose Scale and let the tree live, while the ordinary spray pump kills the tree?

## The SPRAMOTOR

will apply soap and oil, or bordeaux and oil and water, or any combination of them in the right proportion. The Spramotor will paint your barns and buildings with oil or Spramotor Water Paint. The Spramotor was winner of the Canadian Government Spraying Contest, and the Gold Medal at the Pan-American Exhibition. Send for 80 page Copyrighted Treatise, "A Gold Mine on Your Farm." It tells about the uses of fruit trees and their remedies. It's free.

**SPRAMOTOR CO.,**  
Buffalo, N. Y. London, Can.

## ELKHORN HERD

OF  
**O. I. C. SWINE.**

[FORMERLY HILL GROVE HERD, OF HANNAH, N. D.]  
Stock of all ages generally on hand. Fall pigs for sale. Also Barred P. Rock cockerels.

**A. E. THOMPSON, WAKOPA, MAN.**  
SHEPHERD STATION; SINGA, C. P. R.

## PRAIRIE HOME STOCK FARM

**CLYDESDALES, SHORTHORNS, Ayrshires, SHROPSHIRE, BERKSHIRES and YORKSHIRES**

Shorthorn herd headed by Judge, imp. Sittston Hero 7th and Moneyfull Banner, Ayrshires of the best quality; herd headed by Surprise of Burnside. Shropshire ram lambs, also ewes of various ages. Summer Hill Morrah and a large number of high-class sows represent the approved bacon type of Yorkshires. The Berkshire boar, Victor (Teasdale), sweepstakes at Brandon and Winnipeg, 1900, and 30 sows of faultless conformation and superior breeding, make up the Berkshire herd. Farm 1 mile from the station. Visitors welcome. Prices and quality right.

**THOMAS GREENWAY, PROPRIETOR,**  
Address all communications Crystal City, Man.  
on farm business to Waldo Greenway, Crystal City, Man.

**Please Mention the Farmer's Advocate.**

**"IT PAYS TO USE DEERING MACHINES."**

So say thousands of Canadian farmers. The

**DEERING IDEAL BINDER.**

**Deering Ideal Line**

lightens labor on the farm.

The name "DEERING" signifies harvester excellence. It appears on the following "Ideals":

**BINDERS, MOWERS, REAPERS, RAKES, TWINE, CORN BINDERS,**

**Corn Shockers, Huskers and Shredders, Oil, Knife and Tool Grinders.**

Deering Ideals garner every cent of profit in a crop, be it grass, grain or corn.

Investigate Deering machinery before you buy.

Write for a beautifully-illustrated catalogue.

**Deering Division International Harvester Co. of America**

**MAIN OFFICES:**  
Chicago, U. S. A.

**FACTORIES:**  
Chicago, and Hamilton, Ont.

**CANADIAN BRANCHES:**  
Toronto, London, Montreal, Winnipeg.

**THE HEELS THAT HEAL**

**A Guaranteed Cure For RHEUMATISM \$1.00.**

Not a long, tedious, expensive treatment, but a simple, positive cure. Our

**Magnetic Heels**

cure rheumatism by removing the cause (the excess of uric acid in the blood) and by retaining the natural electricity of the body.

We have sold thousands under the positive guarantee of money back in case of failure. We offer you the same inducement. Our Magnetic Heels will cure you. When you order, state size of shoe. If you want further particulars, write for booklet "E."

**THE MAGNETIC HEEL CO.,**  
Detroit, Mich., and St. Thomas, Ont.

**BIBBY'S**

**CREAM EQUIVALENT FOR CALVES.**

Used to substitute cow's milk where milk is scarce. Raise your calves without any milk whatever after a few weeks.

Manufactured by the best stock raisers. Made in England. Sold in Canada by leading merchants. 50 lbs., \$2; 100 lbs., \$3.75.

**WM. RENNIE. TORONTO.**

Representative for Canada.

**GOSSIP.**

Mr. J. M. Gardhouse, Weston, Ont., writes that, having moved to the village of Weston, his P. O. is Weston. The G. T. R. and C. P. R. stations, telephone and telegraph offices and street cars are all within three minutes' walk of the house. Our horses, Shorthorns and Leicesters have all come into winter quarters in good shape. Imp. Newham's Duke, the three-year-old Shire which won the gold and silver medals at the recent Toronto show, has done wonderfully well; also, Imp. Gay Gordon, the four-year-old Clyde stallion, is fit to go in any company, weighing a ton. Among the youngsters is a stud colt which is half-brother to the first-prize two-year-old Clyde colt at the Chicago International.

The imported Marr-bred bull, Chief Ruler, is doing fine, and it is very gratifying to know that the highest-priced calf at the Marr and Duthie sale is closely related to Chief Ruler. Our sales in Shorthorns since July numbers twenty head, mostly going to the U. S., and representing such families as Missies, Crimson Flowers, Strathallans, Duchesses, Sowerbys, Lavinias, Clarets, Fairys, and others. Have just purchased three imported heifers from Mr. Alex. Isaacs. All were in calf before leaving Scotland, and one, of the Jilt family, is half-sister to the champion bull, Choice Goods.

In Leicesters, sales were never better. Most all the show sheep and all the field sheep we could part with have been sold to parties in Quebec, Manitoba, United States, and Ontario. The imported sheep have all done nicely. Our ewes are all bred to the imported ram, which assures us of a promising crop of lambs.

**BARLEY AS A FOOD FOR HOGS.**

With ordinary care in preparing the soil, from thirty-five to fifty bushels per acre of barley may be obtained almost anywhere in Canada, and yet in spite of this only a comparatively small area is grown. Not only is it valuable as a nurse crop, but it also has a high feeding value and may be fed with profit to all kinds of farm animals.

The Colorado experiment station has conducted some experiments along the line of testing the feeding value of barley in the production of pork. In one instance, pigs were fed ground barley in order to compare them with another lot that was fed whole corn. During a period when the pigs gained about 100 pounds each, the barley-fed lot made one pound of pork from 5.4 pounds of grain, while the corn-fed hogs made one pound of increase from 5.6 pounds of grain. In another experiment in which younger pigs were used, it required the same amount of corn and barley to produce one pound of pork. The conclusions drawn from the results were that under average conditions barley and corn have about equal value when fed to hogs.

A number of tests were made to ascertain the relative value of feeding whole and ground barley, with the result that it required on an average of 4.3 pounds of ground barley to make one pound of increase and 5.4 pounds of whole barley to make the same increase. The feeding of barley and corn together seems to produce better results than feeding either separately. In the former case it required 4.1 pounds of food to make one pound of increase, and in the latter instance, 4.3 pounds to make the same increase.

**NOTICE.**

**PATENT HAME-FASTENER.** A long-felt want has been that of a handy and efficient hame-fastener for the harness of working and driving horses. The "Syringo" malleable hame-fastener, a twentieth century idea, advertised in this paper, seems to fill the bill, as it is claimed to be convenient, efficient and safe, lasting and cheap, doing away with straps and buckles and can be readily applied by yourself to the harness of your horse, and the price is only 50 cts. per pair. Look up the advertisement.

**SHORTHORNS**

**FOR SALE:** Four bull calves and several heifer calves, by Earl of Plainview; large and thrifty.

**Moropano, Man. WM. MAXWELL.**

**Breeder of Shorthorns.**

Imp. Baron's Pride 28855 at head of herd, B. P. Rocks and Bronze turkey eggs for sale.

**J. H. KINNEAR, SOURIS, MAN.**

**SHORTHORNS**

Gold Medal herd of 1899-1900. Bulls in service are: Nobleman (imp.) and Topsman's Duke. Some good young bulls for sale.

**J. G. BARRON, Carberry, Manitoba.**

**SHORTHORNS FOR SALE**

of Scotch breeding, seven bulls and forty cows and heifers, mostly all in calf or calf at foot. A few Clydesdales of both sexes.

**Geo Rankin, Melrose Stock Farm, Hamiota, Man.**

**Oak Grove Farm.**

**SHORTHORNS AND YORKSHIRES**

One choice young bull by Masterpiece, he by Grand Sweep (imp.); a few heifers by the same bull; also some by Village Hero and Knuckle Duster (imp.). Some young sows of spring litters, and an extra choice lot of W. P. Rock cockerels. One pure-bred Billy-goat (Angora). I am offering bargains in heifers. Correspondence solicited.

**JAS. BRAY, LONGBURN, MAN.**

**Shorthorns, Tamworths & Yorkshires**

**FOR SALE:** Young bulls, cows and heifers (in calf), sired by Pomero Favorite and Knight Templar. Young swine of both breeds and both sexes ready for shipment now. Correspondence answered promptly.

**W. G. STYLES, Rosser, Man.**  
7 miles north of Rosser, on line C. P. R.

**Home Bank Farm**

**OF LARGE ENGLISH BERKSHIRES**

Are still to the front. Some grand sows, bred for the spring trade. Have two fine litters ready to ship about March 15th.

Now booking orders. Call or write for prices.

**Jos. Laidler, Neepawa, Man.**

**SPRING BROOK STOCK FARM**

**TAMWORTHS AND HOLSTEINS.**

Two hours ready for service. Young pigs ready to wean, also a few sows seven months old. Holstein bull ten months old, one two months old, and several heifer calves. Write at once for prices.

**A. C. HALLMAN, Breslau, Ont.**

**HOME STUDY BY MAIL**

A college education for every man and woman in Canada. HOME STUDY IS FOR YOU. It saves time and money. Educate your family. Cheap thorough, practical courses in HIGH SCHOOL and BUSINESS STUDIES, HOUSEHOLD, INDUSTRIAL and AGRICULTURAL SCIENCE. DO YOU WISH TO MAKE MONEY? Agents wanted. FREE booklet.

**Canadian Correspondence College, Limited,**  
TORONTO, ONTARIO.

**Ontario Business College**

**BELLEVILLE, ONT.,**

Has stood the test of a third of a century, and held its primacy against all competitors.

Send for the 34th Annual Catalogue.

Address:

**ROBINSON & JOHNSON, F. C. A.**  
BELLEVILLE, ONT.

**The New Regulator**

The Sure Hatch is really automatic and direct acting, greatest thing since the world was made. Don't pay for the old style machines. It's the best and free trial offer.

**SURE HATCH INCUBATOR CO.,**  
Care Center, Neb., or Columbus Ohio.

**Poultry Paper Free**

Get a free copy and a list on a postal card by sending a 2-cent stamp to: Reliable Poultry Journal, Box 100, 1200 Broadway, New York City. We'll give you a free copy of the paper, and the best Poultry Paper in the business, and best Poultry Paper in the world. It's a free paper, and everybody gets it. It's a free paper, and everybody gets it. It's a free paper, and everybody gets it.

**\$500 CASH PRIZES** Everybody gets it. It's a free paper, and everybody gets it. It's a free paper, and everybody gets it.

**A Pity Thing For Subscription Agents.**

QUESTIONS AND ANSWERS. MISCELLANEOUS.

DOES DEHORNING DEPRECIATE THE VALUE OF PURE-BRED CATTLE?

I have thought of entering some dehorned registered cattle in a combination sale. Do you think they will be likely to sell as well as if they had their horns on? SUBSCRIBER.

Ans.—From our observations at auction sales of pure-bred cattle, both beef and dairy breeds, we are fully convinced that dehorning seriously discounts their selling value, and we are supported in this view by every breeder whose opinion we have asked for. If the practice of dehorning were as common in pure-bred herds as in those of ordinary dairy cows and feeding steers it would probably be less depreciative, but its not being a common custom in connection with pure-bred herds may possibly create suspicion that where it is done in these it is for the purpose of getting rid of coarse or awkwardly-turned horns, or on account of a vicious disposition; and although these fears may be entirely groundless, the prejudice remains and must be reckoned with.

FEEDING HOGS.

Do you think it pays better to feed bran and middlings to hogs with oats and barley than the latter two alone, bran being \$14.00 per ton and middlings \$18.00 per ton? N. K. W.

Ans.—We think it would pay to feed middlings in the mixture of equal parts with grains by weight. Bran is too coarse to feed to pigs with oats and barley, and is not a suitable hog feed.

GOSSIP.

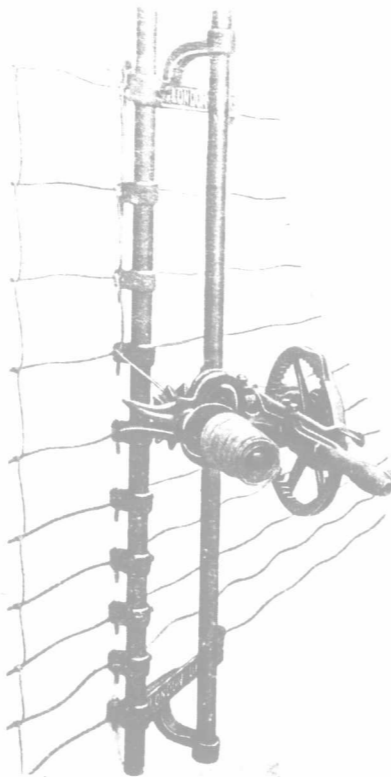
Mr. H. J. Davis, Woodstock, Ont., reports the following recent sales from his herd of Shorthorns: Mr. John Watt, Salem, Ont., has purchased the fine imported Scotch-bred bull, Viceroy, bred by Lord Lovatt, Beaufort Castle, and got by the great Royal Star, the sire of so many noted bulls. Mr. James Leask, Greenbank, has purchased a roan imported bull calf, King of Banff, sired by Cornelius, a Royal winner, and having for his dam a Bessie cow, by Knight Errant; a very promising calf, that will, no doubt, be heard from in the future. Also, a show heifer, Imp. Olive Wenlock, bred by Mr. Menzies, Aberfeldy, has been sold to Mr. Jos. White, St. Mary's.

LARGE IMPORTATIONS OF STOCK.

A London, England, despatch, dated December 6th, says: The past few months have found in the United Kingdom an unprecedented number of American buyers of thoroughbred cattle, whose purchases of high-class breeding stock aggregate many thousands of pounds. A number of the animals bought are intended for exhibition at the St. Louis Exposition. The prices paid range from \$2,100 to \$6,250 per head. Scores of high-priced bulls and cows have been shipped during the past summer and fall. A number of purchases have also been made of tiny Dexter and Kerry cattle in Ireland, the breeding of which has recently become quite the fashion in England.

The ruling of Dr. Salmon, chief of the United States Bureau of Animal Industry, allowing the importation of Jersey and Guernsey cattle into the United States without the tuberculin test, is expected to greatly stimulate purchases in those islands. The agricultural department's agents during the past ten years have inspected over 20,000 head of cattle in Jersey and Guernsey, and have not found a single case of tuberculosis. On the other hand, England and Scotland are badly infected, and breeders here, on that account, apprehend the early adoption of more stringent quarantine measures by the United States.

A small boy of four summers was riding on a rocking-horse with a companion who was seated rather uncomfortably on the horse's neck. After a reflective pause he said, "I think if one of us gets off, the other will ride much better."—San Francisco Call.



"A FACT," says Webster, "IS THAT WHICH IS REALITY."

It is a fact that it costs more for labor to weave wire fence in a factory and stretch it afterward than to do it in the field with a

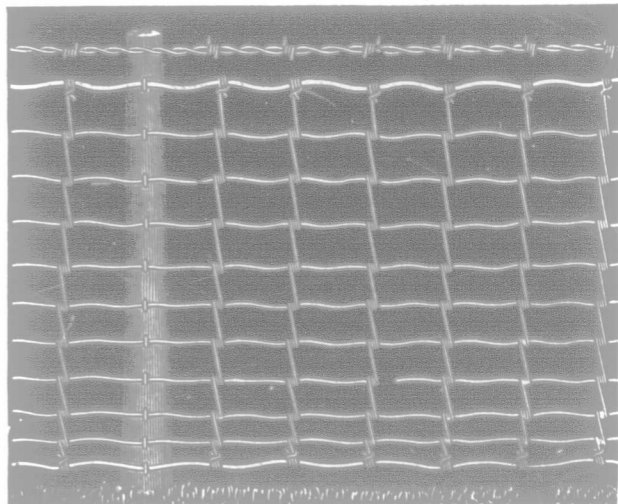
London Fence Machine

It is also a fact that heavier, stronger and better built fences are being erected all over this country for less money with LONDON MACHINES.

You will be the gainer if you take time to investigate and take advantage of the use of our up-to-date machines, which any one can operate.

Write for our catalogue.

Watch for our ads. from Feb. 5th issue on through the spring.



London Fence Machine Co., Limited, London, Canada.

NO OTHER SHINGLES

Will do as well for you as

EASTLAKE SHINGLES.

They prevent fire; are never struck by lightning; can't possibly leak, because of their patent side lock; and are the very quickest and easiest to apply of any shingle made.

Their popularity for farm buildings is unequalled.

Made by

Metallic Roofing Co., Ltd.

Sold in Winnipeg by MERRICK, ANDERSON & CO., Bannatyne Ave.

STAMMERERS

THE ARNOTT INSTITUTE, BERLIN, CANADA. For the treatment of all forms of SPEECH DEFECTS. Dr. W. J. Arnot, Superintendent. We treat the cause, not simply the habit, and therefore produce natural speech.

SOMERVILLE

Steam Marble and Granite Works, BRANDON.



MONUMENTS, HEADSTONES, MANTELPieces, CEMETERY FENCING TABLETS, ETC.

ROSSER AVE., BRANDON, MANITOBA.

Represented by W. Somerville, M. E. Buchanan, F. A. Ferguson, A. McQuig.

THE Farmers' Account Book

Specially ruled and printed to enable you to keep systematic track of your affairs. Sent, post paid, on receipt of price.

The FORD STATIONERY CO., WINNIPEG, MAN.

David Maxwell & Sons,

ST. MARY'S, ONTARIO.

PATENTED



STEEL ROLLER BEARINGS, IMPROVED DETACHABLE LINK,

IMPROVED STEEL FRAME, COMBINED LEVER AND FOOT DRIVE.

Improvements you will not find on other churns. Do you want the best? Then don't purchase until you see it. Sold by the leading wholesale houses in the Dominion

Table with 3 columns: No., CAPACITY, Churns from. Rows 0-6 showing capacity and churn output.

SOLD BY ALL LEADING WHOLESALE HOUSES AND DEALERS.

YOUR MONEY BACK

IF YOU DO NOT LIKE

Imperial Maple Syrup

Return it to the dealer of whom you bought it, who is authorized to give you your money back.

ROSE & LAFLAMME, Agents, MONTREAL.

TO Butter-Makers

We are in need of large quantities of Dairy Butter at present, especially in 1-lb bricks. We invite correspondence from good butter-makers, with a view to encouraging winter dairying among farmers.

J. Y. GRIFFIN & CO.,

WINNIPEG, MAN.



5/A  
BIAS GIRTH  
**BLANKETS**  
NEVER COME OFF.  
OUR SPECIALS:

80-inch Dutch Kersey Blanket, bound all around and center of back, snap on front, 2-inch 5/8 bias girths, shaped on rump and neck. Sent, express paid, \$2.25 each, \$4.50 per pair.  
80-inch Jute Cover, wool lined, shaped on rump and neck. Sent, express prepaid, \$1.50 each, \$3.00 per pair.  
80-inch extra heavy Jute Cover, extra heavy wool lined, every blanket weighing 11 lbs., shaped on neck, 1-inch buckle and strap. Sent, express prepaid, for \$2.25 each, \$4.50 per pair. Best value to be had anywhere.  
80-inch heavy brown Duck, extra heavy wool lined, shaped on rump and neck. A great wind and rain protector. Good value. Sent, express prepaid, \$2.50 each, \$5.00 per pair.  
80-inch 10-oz. white Duck, extra heavy wool lined, shaped on rump and neck, rain and wind proof. Sent, express paid, for \$2.75 each, \$5.50 per pair.  
These blankets are sold express paid for same price as they can be bought for in Winnipeg. Points outside Manitoba add 25c. per pair.

**A. E. WIMPERIS, - - 592 Main St., - - WINNIPEG.**

**QUESTIONS AND ANSWERS  
VETERINARY.**

**NAVICULAR DISEASE.**

I have a horse, ten years old, that became lame two months ago in his front right leg. I have rubbed and poulticed it regularly ever since, and still it is no better. There is no visible swelling nor is the leg or foot sore to the touch, yet when he steps on his toe he is very lame. This horse has not been worked any since the first symptoms. B. B. Dauphin, Man.

Ans.—Perhaps navicular disease, usually called coffin-joint lameness. Take up the foot, place your thumb in the hollow above the heel towards the inner side, and bring pressure on the part by forcibly bringing the toe towards you, and by so doing if you find that the horse evinces pain it is probable that the coffin joint is the seat of lameness. Have your shoer search for corns. Write again.

**ACTINOMYCOISIS.**

Would you kindly answer the following questions in your column of "Questions and Answers," next issue:

1. What is a cure for lump jaw in cattle?
2. Is this disease contagious?
3. Is the milk of a cow with this disease fit for family use?
4. Is a cow with this disease likely to transmit the disease to her offspring?

Cariboo, B. C. W. R. E.

Ans.—1. Iodide of potassium in two-dram doses, morning and evening, in food or dissolved in water as a drench, for adult animals, until lump disappears; also, Fleming's or Mitchell's Lump-Jaw Cure.

2. Perhaps, to a slight extent.
3. If the disease has not in any degree affected the animal's general health, the milk is fit for family use.
4. No.

**PARALYSIS.**

I have a horse, nine years old, that has lost all power of use of his hind legs. His cough is becoming lame on one side, and he is unable to get up. He is very nervous and restless, and his appetite is poor. He has not been able to work since the paralysis set in. He is now in a stable, and I have tried to give him a good deal of rest, but he is still unable to get up. He is now in a stable, and I have tried to give him a good deal of rest, but he is still unable to get up. He is now in a stable, and I have tried to give him a good deal of rest, but he is still unable to get up.

Ans.—Your horse has probably contracted the paralysis from a cold, or from a strain of the muscles of the hind legs. It is probably a case of "lockjaw," and the only treatment at present is to keep the horse in a warm, dry place, and to give him a good deal of rest. It is also possible that the horse may have contracted the paralysis from a disease of the spine, and in this case the prognosis is not so favorable.

**PERFECTION BRAND  
HORSE COLLARS.**

THESE COLLARS ARE HAND STUFFED AND THONGED WITH OIL-TANNED LACE LEATHER THONGS.

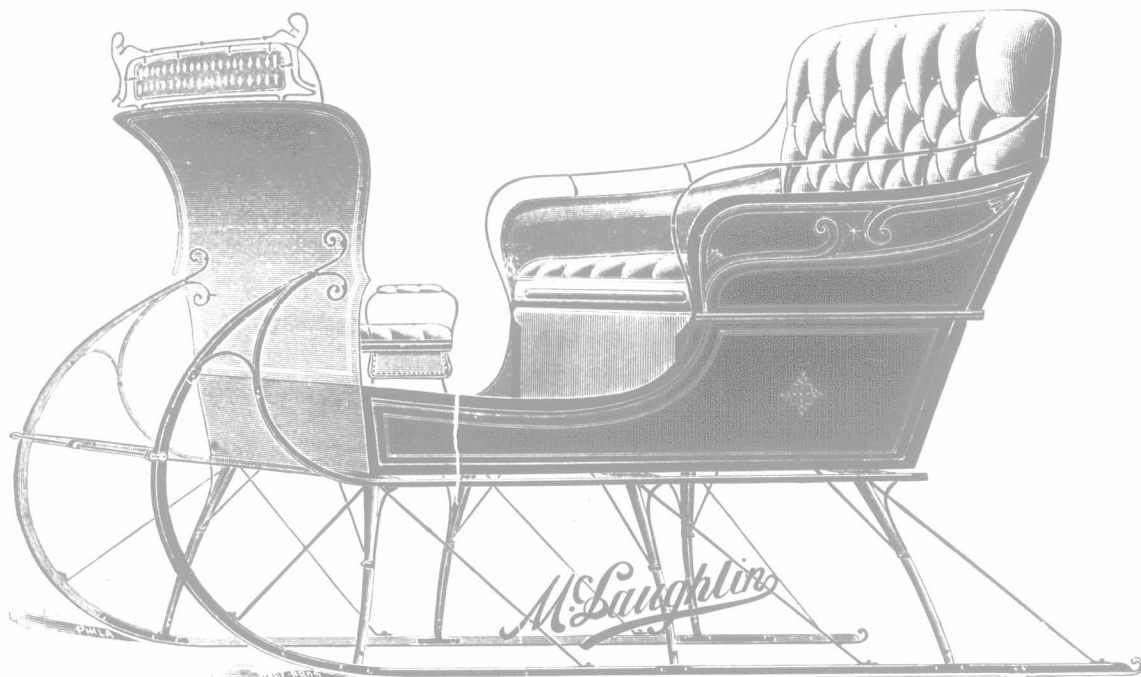
It is the Best Collar You Can Buy

**BECAUSE:**

1. They have a solid long straw throat, and will not break.
  2. Nothing but a kip russet collar leather is used. We do not use sheepskin in our faces.
  3. It has a good heavy facing of wool, which makes the best face it is possible to give a collar.
  4. Body seam and rim seams are both thonged with lace leather—not a cheap split thong, which soon becomes brittle and hard, then breaks.
  5. They are hand stuffed with long straw—not filled up with stuff cut up with a straw cutter and run in through a machine.
  6. Large rims, good hame room and heavy body. If you want to get the handsomest, strongest and best wearing and fitting collar, see the Perfection Brand Wool Faced Concord Collar.
- Shipped, express prepaid, to any address in Manitoba for the same money as you pay for the ordinary common collar, \$5.50 per pair. In the Territories for \$5.75 per pair.



11-inch Brown-back Sweat Pads, 75c. per pair.



**McLAUGHLIN**

Cutters and Carriages

are built with **3** points in view:

- 1—Durability.
- 2—Comfort.
- 3—Style.

DEALERS IN EVERY DISTRICT ASK FOR

**McLAUGHLIN'S**

**McLaughlin Carriage Co., Ltd.**  
OSHAWA, CANADA.



Baby enjoys his bath all the more, and his sleep is the sweeter when you use

**BABY'S OWN SOAP**

It softens and soothes all skin irritations, keeping it healthy and fresh.

Don't use imitations on Baby.

ALBERT TOILET SOAP CO., MFRS., MONTREAL.

**TORONTO ENGRAVING CO.**  
92 BAY ST  
CUTS BY ALL PROCESSES  
LIVE STOCK A SPECIALTY.

PLEASE MENTION FARMER'S ADVOCATE.

Ask For

**Ogilvie Oats**

DELICIOUS FLAVOR.  
FREE FROM HULLS.  
WARRANTED PURE.

Put up in all sized packages.

**Ogilvie's Hungarian**

AS NOW MANUFACTURED

The great FAMILY FLOUR.

Insist on getting "OGILVIE'S," as they are Better than the Best. Have no equal.

**FOR SALE:  
DRAFT HORSES**

OF ALL AGES.

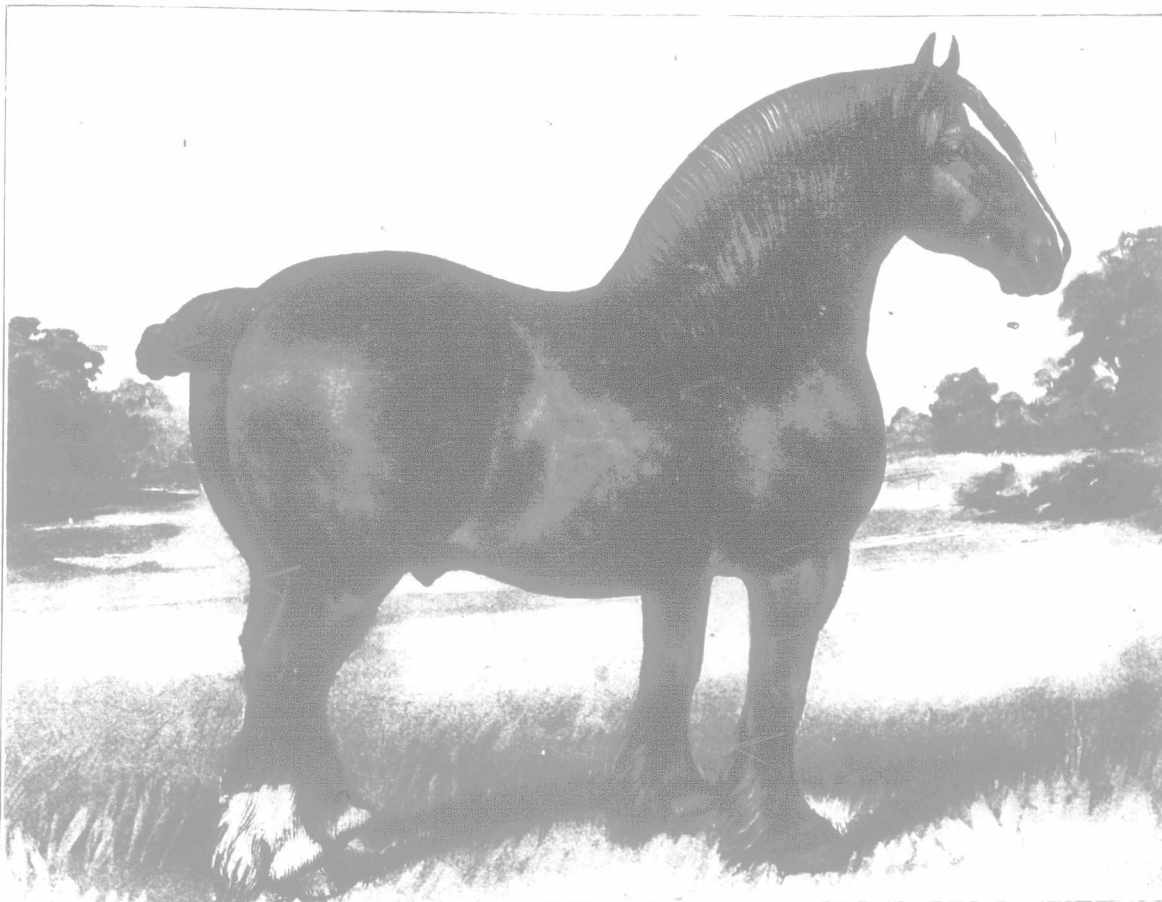
Owing to the death of a few of our best draft horses down to one-half and selling the remainder at low prices. This great selection of mares, geldings and colts, all of the best blood, is now on hand. The results of seventeen years of judicious mating to the best of the breed, English Shire, Clydesdale and Hackney sires. We can furnish you with a fine draft horse, and blue with real imported and home-bred registered draft horses, of all ages, and first-class selection of registered and high quality draft horses, and registered mares and fillies of same breed.

**LITTLE MISSOURI HORSE COMPANY,**  
GLADSTONE, NORTH DAKOTA.

# GEO. E. BROWN,

Forty-five years a leading importer at Aurora, Illinois, now establishes a stable at Brandon, Manitoba, where a full line of high-class stallions and mares will be kept at all seasons.

**Shires, Clydes, Percherons, Belgians, Coachers and Hackneys.**



I do not buy or handle old second-hand stock nor "ex show horses." Mine are all young and vigorous; their value is in the present and future, not in the past. Every stallion I buy is passed by a competent vet., and will be fully guaranteed.

By strict attention to business and square dealing, I propose to merit a portion of the trade in the Northwest Territories. It will be to the interest of syndicates or individual buyers to correspond with me.

ADDRESS BRANDON, MANITOBA, OR AURORA, ILLINOIS.

Agents appointed all over Manitoba and the Northwest Territories to buy

## HORSE HAIR

from Breeders, Farmers, Liverymen, etc. Apply  
**T. L. CUMMINS,**  
HAIR MERCHANT, NORWAY P. O., ONT.  
Good Commission to Responsible Men. m

## English Shire Stallions FOR SALE.

We are offering a few choice young stallions combining quality and weight with the most fashionable strains of Shire breeding. We can show you draft horses of great action, weighing nearly a ton, guaranteed first-class foal getters. Prices and terms reasonable. Address:

**REID & WEIGHTMAN**  
WEST HALL, MAN.

Underhill or West Hall P. O. Shipping Stations: Deloraine, Hartney, C.P.R.

## CLYDESDALES

AYRSHIRES and POULTRY.



**R. Ness & Sons, Howick, Que.**

Importers of Clyde, Percheron and Hackney stallions, Ayrshire cattle, and poultry, have for sale 5 Clyde stallions, sired by Baron's Pride, Sir Everitt, and Royal Carrick, 1 Percheron, and 1 Hackney, winners. Ayrshires of both sexes, and poultry. -om

**J. M. CARDHOUSE, WESTON P. O., ONT.**  
SHIRE AND CLYDE HORSES, SHORT-HORN CATTLE, LEICESTER SHEEP.

One year-old Clyde stallion, half-brother to the champion Hiawatha, for sale. Also Clyde and Shire stallions. Newham's Duke, the gold and silver shire stallion, in service. Chief Ruler, bred by S. Marr, Uppermill, heads the herd. Imported home-bred cattle for sale. om  
Farm, 10 miles from Toronto. Weston station, G.T. P. R., telephone and telegraph offices.

## GOSSIP.

In the United States, last year, over 1,500,000 doses of blackleg vaccine were distributed, and its use reduced the loss of cattle to 0.51 per cent. of those vaccinated.

## SHEEP AT THE ENGLISH ROYAL SHOWS.

Under the new prize scheme adopted by the Royal Agricultural Society of England, all breeds of sheep for which provision is made in the catalogue are to have the same classification, namely, a class for shearing rams, a class for three ram lambs, a class for three shearing ewes, and a class for three ewe lambs. The prizes in each case will be firsts of £10, seconds of £6, and thirds of £4. Several of the leading breed societies are not quite satisfied with these arrangements and are agitating for the inclusion of an additional class for two-shear or aged rams.

## WELL READ IN ENGLAND.

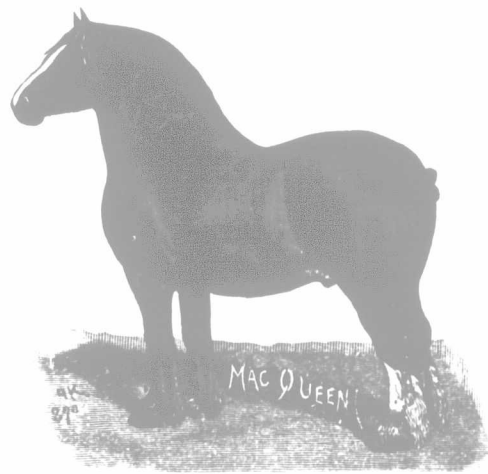
Dear Mr. Editor,—As a reader of the "Farmer's Advocate," I can hardly help writing to tell you how pleased I am to get it, and the enjoyment I derive from reading it. In the issue of October 29th, I was especially taken up with a description of a visit to this neighborhood of one of your lady correspondents, and I am very sorry that I did not get introduced to her, for if I had we would have had fine cracks about Canada, for I know a little about it, having been there. Perhaps you will kindly let her know that I have shown it to some of my neighbors and friends less fortunate than myself in not getting the "Farmer's Advocate," and they have passed it on to others, till I believe, every one in the district will soon have seen at least one copy of the "Farmer's Advocate."

JAS. M. REINAY.

Nov. 20th 1902. Guelph, Ont.

## GRAHAM BROS.' GREAT STUD.

Seeing is Believing.



Come to our stables and see 15 Clyde stallions weighing 15 tons, of the best quality, action and color. We also represent the best Hackney blood in America. om

**GRAHAM BROS.,**  
CLAREMONT, ONT.

## BROOD MARES For Sale

The Bow River Horse Ranch Proprietors

Retiring from breeding. Will sell all their brood mares or the following lots, to be seen in the pastures:

- 35 well-bred, upstanding mares, 1 year old and upwards, average 1,100 lbs.; sired by imported Thoroughbred and Standard-bred stallions for several crosses. All believed to be in foal to French Coach, Shire and Clyde stallions. These mares have all been halter-broken, and a record of their breeding kept.
- 23 3-year-old fillies, sired by the imported French Coach Horse, Forester (1,150 lbs.). Will make big, handsome mares, and are stunted as above.
- 35 heavy mares, 1,200 to 1,400 lbs., mostly Clydes and Shires, and some of the heaviest drivers. A good many of these are broken. All have been bred to the Shire, Clyde and Coach Horse "Paladino" stallions, which are also for sale. Apply

G. E. GODDARD, COCHRANE, N.-W. T.

## BAWDEN & McDONELL, EXETER, ONT.,

THE WELL-KNOWN IMPORTERS OF  
CLYDESDALE, SHIRE AND HACKNEY HORSES.



have now standing for sale in the town of Qu'Appelle, N. W. T., two Shire stallions (imp.) one of them the noted horse, Bel-hazzard; three Clydesdales (two of them imp.) and one Standard-bred Congo Boy (record 2:29). These horses are nearly all prizewinners, and rare good ones. Address: m

**WILSON & THOMPSON, QU'APPELLE, N.-W. T.**

PLEASE MENTION THE FARMER'S ADVOCATE.

Don't Miss! Don't Miss! Don't Miss!

**J. A. S. MACMILLAN'S  
BIG SALE AT BRANDON  
ON  
February 4th, 1903.**


At this sale will be offered Stallions of the following breeds: Clydesdales, Percherons, Hackneys, Thoroughbreds, and Cleveland Bays. They are, many of them, winners in the shows in England, and for breeding, quality and size cannot be equalled. The Clydesdale mares and fillies are, many of them, imported, and the breeding of them cannot be excelled. Many of them are in foal to first-class stallions. This is a chance that farmers should not miss, as never before have so many first-class animals been put before the public by auction in Canada.

Lady Sturdy Mares  
Lady Darnley  
Lady MacWhiffles  
Lady Douglas  
Lady Nansen  
Princess Glencoe 3rd  
Princess Mysie  
Princess Manswraes  
Princess Maillie  
Princess Dalgorock  
Princess Kii  
Princess Annie  
Princess Macgregor

Marjory Macgregor  
Miss Mackay  
Eyebright  
Grizzle Queen  
Tillietudlem  
Bessie Belle  
Ulla  
Matchless Cherry  
Jannie Field  
Tilly Lanark  
Mistress Judy  
Queen May  
Miss W. W. W.

DEE  
V  
h  
a  
o  
r  
is  
fr  
It  
st  
pe  
av  
a  
L  
The  
Colic, I  
Tutt  
-A spe  
TUT  
sprains  
"Veteri  
Dr. S.  
New  
Avoid a  
DR. F.  
acts by  
only pi  
Ringbo  
will not  
RICK  
LONDON  
of price  
J. A. K  
171 KI  
A  
Be  
Just in  
EIGH  
Fully r  
action.  
dark c  
easy f  
Don't  
Extra  
hair on  
draft h  
Exhibi  
class, i  
at the  
Corre-  
" B A  
om  
THE

### Blood will tell



When an animal is all run down, has a rough coat and a tight hide, anyone knows that his blood is out of order. To keep an animal economically he must be in good health.

### DICK'S BLOOD PURIFIER

is a necessity where the best results from feeding would be obtained. It tones up the system, rids the stomach of bots, worms and other parasites that suck the life blood away.

Nothing like Dick's powder for a run down horse.

50 cents a package.

Leeming, Miles & Co., Agents, MONTREAL.

### The Best Horse



is liable to "go lame" at any time. **Curbs, Splints, Spavins** and other forms of Lameness yield readily and are cured permanently by **Tuttle's Elixir**


Used and Endorsed by Adams Express Company. Used Internally it is infallible for Colic, Distemper, Founder, Pneumonia, etc.

**Tuttle's American Condition Powders**—A specific for impure blood and all diseases arising therefrom.

**TUTTLE'S FAMILY ELIXIR** cures rheumatism, sprains, bruises, etc. Kills pain instantly. Our 100-page book, "Veterinary Experience," FREE.

Dr. S. A. TUTTLE, 66 Beverly St., Boston, Mass. Beware of so-called Elixirs—some genuine but Tuttle's will not kill the hair. Manufactured by DR. FREDRICK A. PAGE & SON, 7 AND 9 YORKVILLE ROAD, LONDON, E. C. Mailed to any address upon receipt of price, \$1.00. Canadian agents: J. A. JOHNSTON & CO., DRUGGISTS, 171 KING STREET, EAST, TORONTO, ONT.

### DR. PAGE'S ENGLISH SPAVIN CURE



For the cure of Spavins, Ringbone, Curbs, Splints, Windgalls, Capped Hock, Strains or Bruises, Thick Neck from Distemper, Ringworm on Cattle, and to remove all unnatural enlargements. This preparation (unlike others) acts by absorbing rather than blister. This is the only preparation in the world guaranteed to kill a Ringbone or any Spavin, or money refunded, and will not kill the hair.

Manufactured by DR. FREDRICK A. PAGE & SON, 7 AND 9 YORKVILLE ROAD, LONDON, E. C. Mailed to any address upon receipt of price, \$1.00. Canadian agents: J. A. JOHNSTON & CO., DRUGGISTS, 171 KING STREET, EAST, TORONTO, ONT.

### ABSORBINE



**REMOVES** Puffs, Tumors, Thorough-Pin, Capped Hock, Swellings, etc., without laying the horse up or removing the hair, strengthens strained and weak tendons, restores the circulation, allays all inflammation. Cures tumors, hernia, weeping sinew, etc. on human family. Price, \$2 per bottle. Circulars with testimonials free.

Manufactured by W. F. YOUNG, P. D. F., Springfield, Mass. LYMAN, SONS & CO., MONTREAL, AGENTS FOR CANADA.

### Belgian Stallions

Just imported, the finest lot of draft horses that ever came to Canada. For sale: **EIGHT BELGIAN STALLIONS**

Fully registered; immense size and wonderful action, ranging from 1,700 to 2,200 pounds; all dark colored. All broken to harness. Can pull easy from a road cart to a six-story house. Don't mistake for the clumsy, sleepy Clyde. Extra stout back, splendid high feet; no long hair on legs to be bothered with. The Belgian draft horse awarded the first prize at the Paris Exhibition, 1900, beating everything in that class, including Clydes and Percherons—beaten at their own home. Visitors cordially invited. Correspondence solicited.

"**BARON DE CHAMPLOUIS**," Proprietor, Importer, DANVILLE, QUEBEC.

PAYS TO ADVERTISE IN THE FARMER'S ADVOCATE.

### GOSSIP.

Buying a cow is quite like courting a girl. One must know something about the mother. One cannot expect great things from a heifer whose mother has nothing behind her but a string of ciphers with a decimal point at the left of them. Look out for the mothers.

When cows eat old rotten wood and other rubbish it is a good indication that there is a lack of phosphate in their rations, and they are seeking it elsewhere. Many farmers, under such circumstances, give a tablespoonful of ground bone in the mixed feed two or three times a week, which supplies the needed element.

"Trading in margins," says an old packer, in the Chicago Live-stock Record, "is a good deal like paddling around the edge of the old swimming hole—it seems safe and easy at first, but before a fellow knows it he has stepped off the edge into deep water. The Wheat Pit is only thirty feet across, but it reaches clear down to hell; and trading on margins means trading on the ragged edge of nothing. When a man buys, he's buying something that the other fellow hasn't got. When a man sells, he sells something that he hasn't got. And it's been my experience that the net profit on nothing is nil. When a speculator wins he don't stop until he loses, and when he loses he can't stop till he wins."


FIFTY-SIX CENTS A POUND, LIVE WEIGHT.

Shamrock, grand champion steer of the Live-stock Exposition, at Chicago, was sold at auction for 56c. a pound on the hoof, to Richard Weaver, of New York City—6c. higher than last year's price. At Shamrock's weight of 1,805 pounds, his selling price was \$1,010.80. He was a grade Angus steer, fed and shown at the Iowa Agr'l College Farm. The grand champion carload of steers was sold to a Pittsburg provision firm at 14c. a pound. This carload consisted of fifteen Angus steers, owned by C. Esher, of Varna, Ia. The combined weight was 22,650 pounds, an average of 1,500 pounds, making a selling price of \$3,284.25.

### A GREAT PAIR OF HACKNEYS.

In the report of the National Horse Show, held at New York City, last month, an American exchange thus speaks of the champion Hackney stallion shown by Mr. Robert Beith, M. P., of Bowmanville, Ont.:

"It is good to see a three-year-old stallion made up so compactly as Mr. Robert Beith's entry, Gribthorpe Playmate, and with carriage and general deportment so impressive. It also speaks volumes for the Canadian exhibitor's knowledge of champion type that he brought this beautiful horse over for the express purpose of astonishing breeders in the open class and in the competition for the Challenge Cup. The horse has every good point that the old nag type is celebrated for, and Judge McLaren put before us a good one when he pinned the rosette on this well-furnished young horse. Tom Graham, of Claremont, Ontario, deserves much of the credit coming for the manner in which Gribthorpe Playmate appeared in the ring, and it will never be forgotten that to this same young man's ability as a trainer and fitter was due the royal victory of Mr. Beith's discovery, Robin Adair II., last year. It requires knowledge and infinite care of details to take a horse like the latter from a ranch in the Northwest and in six weeks make it into a champion. Speaking of Robin Adair II., the Chestnut Hill Stock Farm now has a valuable acquisition to the stud in this grand horse, for he is of splendid range, impressive character and that gentlemanly deportment in action that brands him a leader of his kind. His stock shown in the class for half-breeds proved Robin's ability to breed even color and type with such characteristic points as to be overlooked or overlooked in the case of other breeds. He is a horse of the highest quality and will be a valuable addition to any stable."



Fleming's 3 are free if they fail.

### NOT ONE SPAVIN THAT CANNOT BE CURED.

We mean this. We are ready to prove it any time. Most severe spavins are not even hard to cure, can often be cured with one 45-minute application of **Fleming's Spavin Cure**. Certain to be cured in time, without injury to the horse, seldom leaves a scar. Equally certain for Ringbone, Splint, Curb, etc. No cost if the remedy fails. Our free book is too important for you to overlook. Send today.

J. F. Sparing, Syracuse, Neb., writes: "I bought a bottle of your Spavin Cure from my druggist. It took the spavin out clean and surprised many, including myself. One can hardly tell which leg the spavin was on."

### NO LUMP JAW.

Fleming's Lump Jaw Cure has had many years' test by leading cattlemen of the country, and the fact that it is a certain cure is now conceded by all. One case of lump jaw endangers your herd and pastures. Certain and easy cure with this remedy or no cost. Book for you.



### FISTULA AND POLL EVIL

Cured in 15 to 30 days. Few cases have heretofore been cured and then slowly. Now all cases can be quickly cured. The remedy is quick and certain, but harmless and easy to use. Has been tried for two years without a single failure. We have an interesting circular for you.

Write today for printed matter on the above. Mention this paper.

**FLEMING BROS., Chemists,** 36 Front St., West, Toronto, Ont.

### Imp. Clydesdales and Shorthorns

Messrs. Smith & Richardson, COLUMBUS, ONT.

Importers and breeders of Clydesdale horses and Shorthorn cattle, are now offering 14 stallions, 9 of them imported, including brothers of the world-renowned Baron's Pride, Hawatha, and Royal Gairton; also 13 mares bred from imported stock. Shorthorns, imported and home-bred, all ages. Stations: Oshawa & Brooklin, G.T.R., Myrtle, C.P.R. Long-distance Telephone, Columbus. Telegraph, Brooklin. om

### 10 CLYDESDALE STALLIONS

FOR SALE: OF ALL AGES, IMPORTED AND HOME-BRED.

Sired by such noted sires as Baron's Pride, Mains of Airlies, Sir Christopher, Prince Thomas, and others. Among them is Prince Fragrant, the first-prize three-year-old at Toronto Industrial, 1902. Stables half mile from town. Parties desiring to purchase, please write or call upon

R. R. Station: Mitchell, G. T. R. Wm. Colquhoun, Mitchell, Ont.



### Clydesdales and Shorthorns



FOR SALE: Seven choice young stallions, and several young mares and fillies. Five young bulls and bull calves, and thirty-five excellent young cows and heifers. Mostly registered in the American Herdbook. om

JOHN BRIGHT, MYRTLE, ONTARIO.

### International Importing Barn, Sarnia, Ontario.

J. B. HOGATE, PROPRIETOR.

IMPORTER OF Clydesdale and Shire Stallions, and Spanish Jacks.

My third importation within the last fourteen months arrived Sept. 1th.

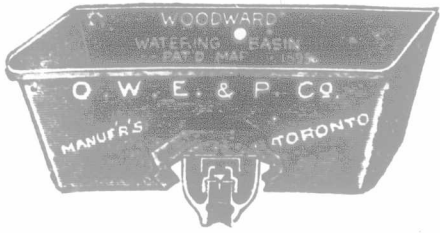
I select every one myself, and it is conceded both in Europe and America that I do get the best ones that rise the Atlantic to America. My stallions are sired by the leading sires of Scotland; ages from two to four years. The Jacks are direct from Spain, and registered 1800 to four years old. 11 to 13 hands high. Live cash for my stock. I buy where I can get the best. Write for particulars. Will send you a book of my stallions. om

H. H. CALISTER, Manager and Salesman.





# Water Basins.



## EIGHT REASONS FOR ADOPTING THE Woodward Water Basins.

8th. Do not be fooled. There is nothing "just as good." Only one Woodward. Only one firm manufacturing them. Write us. We are at your service.

**Ont. Wind Engine & Pump Co., Ltd.**  
TORONTO.

Manitoba Agents: **Manitoba Pump Company.**  
Brandon, Manitoba.

## Shorthorns, Clydesdales and Leicesters

**FOR SALE:** Young animals of both sexes always on hand for sale; bred in the purple, and as good as the best. 20 Leicesters, both sexes, all ages.

**WM. McINTOSH,** Burgoyne P. O.  
Por. Eglon Sta.

## W. G. PETTIT & SONS

FREEMAN P. O., ONT.,

IMPORTERS AND BREEDERS OF

## Scotch Shorthorns and Shropshire Sheep,

**Make a Special Offering for May and June:**

One of our imp. stock bulls, 3 years old, red; one imp. bull, 2 years, roan; two bulls imp. in dam, 15 months; four bull calves from imp. cows, 12 and 14 months; four home-bred bulls by imp. bulls, 15 to 18 months; seventy-five imp. and home-bred cows and heifers, all ages. Catalogues on application.

**Burlington Jct., G.T.R. Stn., Tele. & 'Phone.**

## J. & W. B. WATT,

SALEM, ONTARIO,

POST OFFICE AND TELEGRAPH OFFICE,  
BREEDERS AND IMPORTERS OF

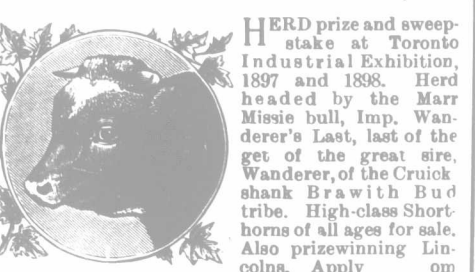
## Shorthorn Cattle, Clydesdales, Leicesters, Oxfords, and Berkshire Pigs.

Our herd represents such families as Matchless, English Lady, Mildred, Village Boy, Misses, Stamford, Mysie, Vanillas, Claret, Marthas, and others. The imported bull, Scottish Peer, and Coming Star, a prizewinner at Chicago in 1901, head the herd. Imported and home-bred stock for sale. Also twenty registered ewes and lambs.

Farms 2 miles from Elora Sta., G.T.R. and O.P.R., 13 miles north of Guelph.

## Spring Grove Stock Farm

Shorthorn Cattle and Lincoln Sheep.



**T. E. ROBSON, ILBERTON, ONT.**

**SWORTHORNS.** Imported and Canadian-bred. I have for sale eight young bulls from 8 to 12 months old; also a few choice heifers, all got by Captain Mavfly (Imp.), first-prize aged bull at Toronto and London in 1902.

**JAN. A. GRERAR, Shakespeare, Ont.**

## SHORTHORNS FOR SALE!

Six good bulls, fit for service; also females. Imp. Prince William at head of herd.

**JAS. GIBB, - - BROOKSDALE, ONT.**

**SHORTHORNS, SHROPSHIRE, COTSWOLDS.** We are now offering a number of heifers and heifer calves; a few bull calves; a number of cows; all bred in the purple and as good as the best. Also Shropshire and Cotswold sheep.

**JOSEPH BELL ESTATE, Bradford P.O. & Sta.**

**SHORTHORN BULLS FOR SALE:** A choice lot of 16 months old, sired by Imp. British Statesman (63729). Also a few cows of the Marr family. They may be sold at once. Prices away down to suit customer.

**FITZGERALD BROS., - - - - - Elmvale, Ont., G.T.R. Mount St. Louis P.O.**

PLEASE MENTION FARMER'S ADVOCATE.

### GOSSIP.

Chas. Rankin, Weybridge, Ont., is ordering a change in his name. "I have for sale one of the best imported Shorthorn bulls, one bull and seven months old, seven cows and four heifer calves, all imported, also a choice lot of home-bred cows and heifer calves, and one bull calf ten months old."

### U. S. FARMERS' INSTITUTES.

In regard to farmers' institutes, the U. S. Secretary of Agriculture reports that these are now held in 44 States and Territories, including Hawaii. Over 2,300 institutes were held last year, the funds contributed by the different States and Territories to this work amounted to nearly \$200,000, and 7,000 persons attended these institutes. It is pointed out that while the persons actually engaged in agricultural pursuits number about 10,000,000, the total number of persons reached by the institutes and the agricultural colleges is not much over 7 per cent. of that number, while the publications of the stations reach about 500,000 farmers.

### AGRICULTURAL STUDENTS.

United States Secretary of Agriculture Wilson reports that statistics of attendance at the land-grant colleges show over 42,000 students—an increase over the previous year of 7 per cent. The attendance for the four-year course in agriculture increased more than 26 per cent. The Secretary points to the marked success of agricultural high schools in Minnesota and Nebraska as an indication that there is a demand for agricultural courses with those afforded in various manual arts in the city high schools. He states that all over the country farmers are sending their children to public high schools and paying for their tuition.

### CANADIAN LIVE-STOCK EXPORTS.

During the past year, the total exports from the port of Montreal were: 77,193 head of cattle, 45,831 head of sheep, and 548 head of horses, which shows an increase of 3,402 head of cattle, a decrease of 8,107 head of sheep and 6,838 horses, as compared with the numbers of 1901.

The average price paid for cattle at country points throughout the season was \$70 per head, which is an advance of \$5 per head over the average figure paid a year ago, and shows that the farmers have received the handsome sum of \$5,403,501, besides \$329,155 for their sheep and \$99,280 for horses.

Exporters generally state that the season, on the whole, has been a very satisfactory one, which means that most of them, if not all, have made money. Prices in all the foreign markets have ruled higher than a year ago; in fact, they have been the highest for many years past, and some in the trade say it is a question if they will ever realize 14¢ cents for Canadian cattle again.

### AMERICAN ABERDEEN-ANGUS BREEDERS' ASSOCIATION.

The regular annual meeting of the American Aberdeen-Angus Breeders' Association was held at the Palmer House, Chicago, Ill., Wednesday, December 3rd, 1902, with a very large attendance of members. The following were elected as general officers for the ensuing year: Pres., L. H. Kerrick, of Bloomington, Ill.; Vice-Pres., George Findlay, of Lake Forest, Ill.; Sec.-Treas., Thos. McFarlane, of Harvey, Ill.; and the following were chosen as Directors for three years: H. W. Elliott, of Estill, Mo.; L. McWhorter, of Aledo, Ill.; B. F. Baker, of Greensburg, Ind.

Detailed reports showed the income to be \$20,000, the disbursements \$15,318, with a building fund on hand of \$9,000. New members to the number of 122 have been added to the roll during the year. The recorded entries were 8,241, transcripts 8,025. The total number of entries in the herdbook now reach 65,500. The trade in purebred Aberdeen-Angus animals during the year 1902, as shown by public sale statistics, was \$1,200,000. This shows an increase of \$100,000 over the previous year. The total number of purebred Aberdeen-Angus animals sold during the year 1902, as shown by public sale statistics, was 1,200,000. This shows an increase of 100,000 over the previous year.

## CHOICE SCOTCH SHORTHORNS.

An excellent lot of young bulls of the Cruickshank Village Blossom, Lovely and Mysie families; also Marr Missies and Kinellar Clarets. A few choice young females for sale as well.

**H. SMITH, Exeter, Ont.**  
Farm adjoins Exeter Station, on the G. T. R., 30 miles north of London.

## Scotch Shorthorns

BREEDING FEMALES ALL IMPORTED.

Imp. Golden Drop Victor our present stock bull. Eleven young bulls and some young cows for sale at reasonable prices.

## H. CARGILL & SON,

Cargill Station, G. T. R. CATALOGUE FREE. Cargill, Ontario.

## ARTHUR JOHNSTON

GREENWOOD, ONT., CAN.

HAS 24 HEAD OF

## Scotch Shorthorns

Now in quarantine, which he will sell in whole or in part; would prefer to sell a carload. They are

Mostly Yearlings and Two-year-old Heifers. They are Due Home About 10th November.

## H. J. DAVIS, Woodstock, Ont.

40 HEAD IMPORTED and CANADIAN-BRED SHORTHORNS.

22 head just home from quarantine, including a choice lot of heifers and young bulls of the best breeding. Herd headed by the Willis Cruickshank-bred bull, Bapton Chancellor (imp.), and the Lovat bull, Viceroy. Woodstock: Main line G. T. R. and C. P. R.

## MAPLE LODGE STOCK FARM.

ESTABLISHED 1854.

**SHORTHORNS.** First-prize milking strains, best Scotch breeding. Young bulls and heifers for sale.  
**LEICESTERS.**—A grand lot of ewes, bred to our imported rams, and a few choice rams now for sale.

## A. W. SMITH,

Allsa Craig Station, G. T. R., 3 1/2 miles. MAPLE LODGE P. O., ONT.

### The Hardie Spray Pump

has defeated all its competitors in the United States and owing to the great demand for these

#### UP-TO-DATE SPRAYERS

in Canada, we have opened up a branch factory in Windsor, Ont.

**"The Hardie"** is made almost entirely of brass. No Cast Iron is used in its construction, there is nothing to break, wear out or rust out. It maintains such a high pressure that the fog-like spray is driven to the highest twigs, penetrating everywhere. AND IT WORKS SO EASY. 12 sizes and styles each the best of its kind. Our book on spraying tells the whole story, it is free. Send for it now.

**THE HARDIE SPRAY PUMP MFG COMPANY,**  
93 SANDWICH ST., WINDSOR, ONT. and DETROIT, MICH.

### RIVER FARM SHORTHORNS

I am now offering 6 choice young bulls, from 8 to 16 months old, sired by Lord Lavender 2855. They are rare good ones. Price right.

**H. PALKER, DURHAM P. O. and STATION.**

**High Park Stock Farm** Galloway Cattle. A few choice young heifers and bulls for sale. Inspection invited.

**SHAW & MARSTON (Late A.M. & R. Shaw)**  
P. O. Box 294, BRANTFORD, ONT.

### SHORTHORNS (IMP.)

Cows and heifers, imp and home-bred. Bulls, imp. and home-bred—all ages. Representing the fashionable blood of Scotland.

**EDWARD ROBINSON,**  
MARKHAM P. O. & STN.

Shorthorns, Berkshires and Leicesters.

I have for sale a few choice young heifers, well sired by Lord Lavender 2855, also a few choice young bulls, all ages, and young pigs.

**W. G. MILSON, GORING P. O. and MARKDALE STATION.**

### HAWTHORN HERD

of deep-milking Shorthorns for sale. Six young bulls of first-class quality and breeding and from A1 dairy cows.

**WM. GRAINGER & SON,**  
Londesboro, Ont.

**Lakeview Shorthorns.** Herd represented by such noted families as Stamford, Minn, Marr Floras, Crimson Flowers, Village Girls, Bucan Lassies, and Lavinias. Stock of both sexes and all ages for sale.

**GEO. ISAAC, BOMANTON, ONT.,**  
IMPORTER AND BREEDER OF

### Scotch Shorthorn Cattle

Have imported, this year, 68 head of Shorthorns—4 bulls and 62 females. Twenty-seven head due to leave quarantine 11th Sept. Intending purchasers should see this stock or correspond.

**BOMANTON P. O., COROUBURG STATION, G.T.R.**

### GREEN GROVE SHORTHORNS:

I am now offering a few heifers, Clarets, Floras and one Missie; also a choice year old bull, by Aberdeen of Markham.

**W. G. MILSON, GORING P. O. and MARKDALE STATION.**

**QUEENSTON HEIGHTS SHORTHORNS**  
SCOTCH AND SCOTCH TOPPED

In service: Derby (Imp.) = 32057 = ; Lord Montalis, by Collynie Archer (Imp.) = 28380 = . Some choice heifers and young cows with calf at foot or in calf to imported bull at moderate prices.

**HUDSON USHER,**  
QUEENSTON, ONT. om  
FARM 3 MILES NORTH NIAGARA FALLS

**SHORTHORNS:** We are offering 3 extra choice yearling bulls, all from imported sires, straight Cruickshank, with Lavendar and Miss Ramadan dams. **THOS. ALLIN & BROS.,** Oshawa, Ont.

**For Sale** Some choice young YORKSHIRES (Holywell strain) of both sexes and different ages; also young Shorthorn bulls, sired by British Hope (30946). Price moderate. Write: **C. & J. CARRUTHERS,** Cobourg Station and P. O., Ont.

**Mercer's Shorthorns**  
Are represented by Missies, Stamfords, Floras, Claret Princesses, Red Roses, Fashions, Crimson Flowers, and Matchless families. Headed by Village Squire 24933, a son of Abbotford. Stock of both sexes and all ages for sale.  
**T. MEROER, MARKDALE P. O. & STN.**

**Shorthorn Cattle, Lincoln Sheep**  
Imp. Prime Minister at head of herd. Imp. Clippers, Miss Ramdens, and other Scotch families. Lincolns won more than half the money and first for flock at the Pan-American; International, Chicago, 1901 and 1902.  
**J. T. GIBSON, om DENFIELD, ONT.**

**SHORTHORNS (imported)**  
One imported and one Canadian-bred bull. A few cows and heifers.  
**THOS. RUSSELL, EXETER, ONT.**

**Orchard Hill Shorthorns.** I am now offering 13 heifers from six months to two years, 4 bulls from 10 to 13 months old, and 7 very heavy milking cows. Here is a rare chance to get stocked with pure-bred cattle at reasonable terms.  
**A. JOHNSTON, Vandeleur P. O., Markdale Sta., Ont.**

**SHORTHORNS.**  
THORNHILL HERD. ESTABLISHED 27 YEARS.  
Imp. Royal Member and Sailor Champion now at head of herd, which are all bred on straight Scotch lines, and are of the up-to-date kind. Present offering: some choice young bulls.  
**REDMOND BROS., Millbrook Sta. and P. O.**  
PLEASE MENTION FARMER'S ADVOCATE.

**LEONARD BURNETT, GREENBANK, ONT.,**  
BREKDRK OF om  
**Shorthorn cattle and Shropshire sheep.**

**Scotch Shorthorns!**  
Nonpareils, Mysies, Isabelas, Urys, Minas, Strawberries, and Matchlesses. Animals of both sexes and all ages for sale. Also choice Berkshires.  
**J. W. HARTMAN & SONS,** Montrose Farm. Elm Hedge P. O. Meaford Sta.

**HIGH-CLASS SCOTCH SHORTHORNS**  
of the following families, for sale at moderate prices: Village Girls, Broadhooks, Beaufort Roses, Missies, Clarets, Marr Floras, Nonpareils, Minas and other choice families. Write for catalogue. Shropshire rams and ewes for sale as usual.  
**ROBERT MILLER, Stouffville, Ont.**

**BONNIE BURN STOCK FARM,**  
40 rods north of Stouffville station, offers Scotch Shorthorns; choice Shropshires and Berkshires from imported and Canadian-bred sows. All at farmers' prices. Inspection invited.  
**D. H. RUSNELI, STOUFFVILLE, ONT**

**SCOTCH SHORTHORNS.**  
Urys, Stamfords and Matchlesses. Young, vigorous females, all ages, for sale. Shropshire sheep and Yorkshire pigs.  
**ROBT. BATTY,** Glenbourne Farm. Meaford P. O. & Sta.

**WANTED**  
AN EXPERIENCED HERDSMAN for a large Shorthorn herd, also a man competent to take charge of Large Yorkshires. Unmarried men preferred. State references in first letter.  
**THOS. H. CANFIELD,** Lake Park, Minnesota, U.S.A.

**Maple Park Farm Holsteins.** Netherland Hamming De Kol (Imp.), stock bull. Stock of all ages for sale from the great De Kol Pieterje Clothilde and Barrington strains. Home of the great cows, Edgeley Mol, milk record 104 lbs. in 24 hours; Emery Beauty, the great public test winner, and many others with heavy records. **SIDNEY MACKLIN,** Streetsville P. O. and station, C. P. R.

**Ridgedale Farm Holstein-Friesians for Sale.**  
2 yearling bulls; also bull and heifer calves; all of choice breeding. Prices always reasonable. Write, or come and see them. **R. W. WALKER,** Utica P. O. Shipping stations: Port Perry, G. T. R.; Myrtle, C. P. R. om

**4 HOLSTEIN BULLS 4**  
FOR SALE: From 4 to 7 months old, having sires in their pedigrees from such strains as Inka, Netherland, Royal Aargie, and Tritonia Prince, and out of imported females that have proven their worth at the fair.  
**THOS. B. CARLAW & SON,** Warkworth

**St. Lambert Bull,**  
15 months old; solid color.  
Strong and vigorous. His dam, sire's dam and her dam and grandam are all tested cows. This bull is a snap for a St. Lambert fancier. Also young bulls sired by Brampton March (Imp.) and out of tested show cows, and cows and heifers in calf to him. For prices, etc., address  
**B. H. BULL & SON, BRAMPTON, ONT.** G. T. R. and C. P. R. stations.

**JERSEYS, COTSWOLDS, YORKSHIRES.**  
Registered Jersey cattle, Cotswold sheep and Yorkshire pigs for sale. A few nice heifers, 6 mos. to 2 years, and 1 yearling bull, by Count of Pine Ridge, grandson of Adelaide of St. Lambert, record 84 lbs. milk daily. om **WM. WILLIS, NEWMARKET, ONT.**

**GOSSIP.**

An official intimation has been issued of the sixty-fourth annual exhibition of live stock, poultry, farm produce, agricultural implements and machinery of the Royal Agricultural Society of England, which will be held on the Society's new permanent show-ground in London between Willesden and Ealing), on Tuesday, Wednesday, Thursday, Friday, and Saturday, June 23rd to 27th, 1903.

Mr. D. H. Rusnell, Stouffville, Ont., breeder of Shorthorns, Shropshires and Berkshires, reports stock having gone into winter quarters in excellent condition. His stock bull, Royal Stamp, who has proved a capital sire, he is now offering for sale to avoid inbreeding, as well as some choice yearling heifers, Shropshire sheep and young Berkshires. Sales have been good, and orders have recently been filled for shipment to several Provinces and States.

Mr. Wm. Bell, a successful Shorthorn breeder, of Ratcheugh, Alnwick, in the north of England, whose advertisement runs in this paper and whose portrait appears on another page in this issue, writes the "Advocate," under date of November 17th: "I have had a very good season with my Shorthorns. My champion bull, Baron Abbotford, has got me a lot of grand yearlings and calves, such good colors and like making winners another season. I have had winners this year at the Royal, Highland, Yorkshire, Royal Lancashire, Northumberland, Durham, Wirral and Birkenhead, which is very good for a tenant farmer.

Capt. T. E. Robson, Iderton, Ont., has recently placed at the head of his herd of Shorthorns the imported yearling bull, Prince Sunbeam (81964), a good roan, bred by Mr. R. Bruce, of Heatherwick, sired by Prince of Archers (son of Scottish Archer); dam Sunbeam 4th, of the Bruce Mayflower tribe. He is said by good judges to be a bull of fine character, conformation and quality, and will make a worthy successor to the noted sires preceding him in the Captain's herd, among which were Wanderer's Last, sold for \$2,005 at the Hamilton sale in August last; Valiant, the Toronto champion of 1901, and Topsman and Moneyfuffel Lad, triple champions of the Dominion. With the veteran herdsman, Harry Coltham, at the helm, it will not be surprising if Prince Sunbeam maintains the record of the herd and the judgment of its owner in having always at the head a superior sire.

**THE VALUE OF CHARCOAL.**

Few People Know How Useful it is in Preserving Health and Beauty.

Nearly everybody knows that charcoal is the safest and most efficient disinfectant and purifier in nature, but few realize its value when taken into the human system for the same cleansing purpose.

Charcoal is a remedy that the more you take of it the better; it is not a drug at all, but simply absorbs the gases and impurities always present in the stomach and intestines, and carries them out of the system.

Charcoal sweetens the breath after smoking, drinking, or after eating onions and other odorous vegetables.

Charcoal effectually clears and improves the complexion, it whitens the teeth, and further acts as a natural and eminently safe cathartic.

It absorbs the injurious gases which collect in the stomach and bowels; it disinfects the mouth and throat from the poison of catarrh.

All druggists sell charcoal in one form or another, but probably the best charcoal, and the most for the money, is in Stuart's Absorbent Lozenges. They are composed of the finest powdered willow charcoal and other harmless antiseptics in tablet form, or rather in the form of large, pleasant tasting lozenges, the charcoal being mixed with honey.

The daily use of these lozenges will soon tell in a much improved condition of the general health, better complexion, sweeter breath, and purer blood; and the beauty of it is, that no possible harm can result from their continued use, but, on the contrary, great benefit.

A Buffalo physician, in speaking of the benefits of charcoal, says: "I advise Stuart's Absorbent Lozenges to all patients suffering from gas in stomach and bowels, and to clear the complexion and purify the breath, mouth and throat. I also believe the liver is greatly benefited by the daily use of them. They cost but twenty-five cents a box at drug stores, and although in some sense a patent preparation, yet I believe I get more and better charcoal in Stuart's Absorbent Lozenges than in any of the ordinary charcoal tablets."—Adv. om-

**LAWNRIDGE STOCK FARM.**

**Jerseys for Sale.** Yearling bull and bull eight months old. Registered cows and heifers of choicest breeding and individuality. Some fresh and others coming in soon. 100 head to choose from. om

**J. L. CLARK,**  
Norval station: G. T. R. Norval P. O.

**Best Jersey Bulls AT LOWEST PRICES.**

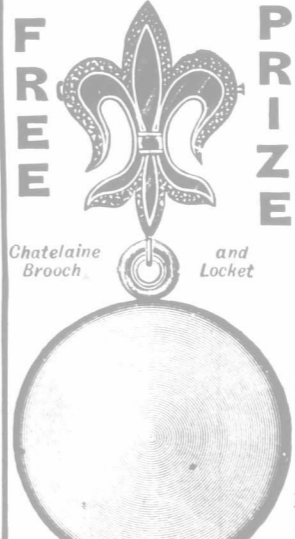
Owing to the large sale of registered Jersey cows, all in milk (18 head), that I have just made, I offer several bull calves, of unsurpassed breeding and from tested dams, at prices that will surprise purchasers. This, because the sale of so many cows in profit leaves me short of milk for the present. Also some choice heifers in calf.

**Mrs. E. M. Jones, Brockville, Ont.**  
Box 324. om

**A PRIZE FOR EVERY CORRECT ANSWER WE ASK NOT ONE CENT OF YOUR MONEY**

**THIS PICTURE PUZZLE** represents a Celestial washing. About him are pictured faces of three customers. Find these three faces, mark each, then read and sign the accompanying request, return it to us and we will give you **ABSOLUTELY FREE**, without any money, a finely gold-finished Chatelaine Brooch and Secret Locket. We wish to impress upon any who may be suspicious owing to the unusual generosity of this proposition that there is no catch word or scheme in it to deceive or disappoint you. We do actually give the prize if your answer is correct. Frankly, we have adopted this method of prize giving, simply to interest you in our business. We want your goodwill and assist your services only by offers that will merit your approval. Upon receipt of the prize you will be most impressed with the generosity of our business methods, as it is admired by the most fashionable ladies. The Locket opens and will hold two photos. It is a masterpiece of artistic skill and beauty, and makes a most charming decoration. With the prize you will receive boxes of Standard Electine Medicines to sell, if you can, at 25¢ each, then we will give you, absolutely free, a beautiful warranted Solid Gold Shell Ring, a pair of Ladies' Kidney, Emeralds or Opals, a Nethersole Illusion Picture, and a complete set of Table Tennis (the most beautiful and complete ever made). There have been gathered together such an array of beautiful prizes that we have in thousands of testimonials praising them.

**REMEMBER** all you who wish to solve our puzzle and sign and return the request to us. The prize and medicines will be sent to you by registered mail, postage paid. If you do not sell the medicine you will receive a beautiful prize for simply making the effort and trying to-day. You will not lose your money.



NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
L. E. V. \_\_\_\_\_



Chinese Puzzle

Request for Puzzle Prize and Medicine

ELECTINE MEDICINE CO., LIMITED Toronto, Ont.

SIRS—I have found and marked the three faces in your Picture Puzzle, and if correct send me a Chatelaine Brooch and Locket and Ten recent Boxes of Electine Medicine. I agree to make an earnest effort to sell the Medicines and return you the money with the understanding that I am to receive for this service a Solid Gold Shell Stone Ring, a Nethersole Illusion Picture, a Parisian Belt Buckle and a set of Table Tennis. If I fail to sell the Medicine I will return it to you in 30 days and retain my Prize for answering your Puzzle.

**ELECTINE MEDICINE CO., Limited, TORONTO, Ont.**

## \$90 IN GOLD

ARE YOU GOING TO COMPETE ?

THERE WILL ALSO BE OFFERED

### Three Prizes at Brandon Fair in 1903

AS FOLLOWS:

#### FIRST PRIZE.

For the two best Bacon Hogs, any age or breed, fed on Carnefac Stock Food.....\$50 IN GOLD.

#### SECOND PRIZE.

For the second two best Bacon Hogs, any age or breed, fed on Carnefac Stock Food.....\$25 IN GOLD.

#### THIRD PRIZE.

For the third two best Bacon Hogs, any age or breed, fed on Carnefac Stock food.....\$15 IN GOLD.

Only one entry will be allowed from each Farmer or Stockman, and the stock must be exhibited at the Brandon exhibition.

Evidence must be produced at time of exhibition to show that the animals were fed on Carnefac Stock Food.

TRY CARNEFAC FOR YOUR STOCK.

## \$175 IN GOLD

TO FARMERS AND STOCKMEN :

For years Farmers and Stockmen have been sending their cream to the Creameries, and, as a consequence, Calves have suffered. Our Carnefac Stock Food makes an excellent substitute for the cream, and to encourage the use of it, we offer

### Three Prizes at Winnipeg Fair in 1903

THE PRIZES ARE AS FOLLOWS:

#### FIRST PRIZE.

For the Heaviest Calf, any pure breed or grade, born after the first of January, 1903, fed on Carnefac Stock Food.....\$100 IN GOLD.

#### SECOND PRIZE.

For the Second Heaviest Calf, any pure breed or grade, born after the first of January, 1903, fed on Carnefac Stock Food.....\$50 IN GOLD.

#### THIRD PRIZE.

For the Third Heaviest Calf, any pure breed or grade, born after the first of January, 1903, fed on Carnefac Stock Food.....\$25 IN GOLD.

Only one entry will be allowed from each Farmer or Stockman.

The lithographed face of each package must be produced at time of exhibition, to show that Carnefac Stock Food has been used.

Carnefac has proven a decided success, bringing into condition and fattening where other foods fail. Send for leaflet giving the views of veterinarians as to the merits of Carnefac. They all speak highly of it.

Put up in 1 1/2, 3 and 6 lb. packages, and 25 lb. pails.

Sold at 25c., 50c. and \$1 per package, and \$3.50 per pail.

# W. G. Douglas, Manufacturer,

PRINCESS STREET, WINNIPEG.

## WINDMILLS



DO YOU WANT TO

SAVE } Time, Labor, Money } ?

### A CANADIAN AIRMOTOR

Will do it for you. Always at your service.

ONT. WIND ENGINE & PUMP CO. LIMITED. TORONTO, ONT.

Manitoba Agents: Manitoba Pump Company, Brandon, Manitoba.

### 9 CORDS IN 10 HOURS



BY ONE MAN with the FOLDING SAWING MACHINE made at Essex Centre, Ontario. NO DUTY TO PAY NOW. Send to Main Office for FREE catalogue showing LATEST IMPROVEMENTS, and testimonials from thousands. First order secures agency. Address: Folding Sawing Mach. Co. 55 N. Jefferson St., Chicago, Ill.

### GOSSIP.

WHY IMPOSED THE "BLACK LIST" TEST ORDER?

The Prairie Farmer blames the Canadian Government for first imposing the test, including British herds in which 25 per cent. of the animals tested failed to pass the tuberculin test; and the American Free Press declares that the American Government has backed them.

### QUESTIONS AND ANSWERS. MISCELLANEOUS.

#### CLYDE STALLION WANTED—TO PREVENT KICKING.

1. Where can I obtain a full-bred Clyde entire horse, three years old, and what would be the probable cost?

2. What will prevent a young filly from switching her tail when driving, as she sometimes draws in the lines and attempts to kick? S. C.

Ans.—1. Correspond with our advertisers, mentioning the "Farmer's Advocate." 2. Switching may be prevented by the use of an iron crupper covered with leather and buckled or riveted to the back-strap. This crupper is made of a small rod, three feet long, flattened at both ends, bent into shape of crupper, and small hole punched in each end for rivet. Allow this crupper to project down the dock about four inches. Fasten the tail down to crupper with a strap concealed under the hair.

#### FATTENING A STEER.

I have a steer, three years old, which I have stabled to fatten. I am feeding him cut oat sheaf, pulped turnips, and chopped mixture of wheat, barley and oats. What proportions shall I feed at each meal, and should the feed be wet or dry? Should I give him water before meals or after? SUBSCRIBER.

Ans.—Two quarts of the meal mixture twice a day would be sufficient to begin with, gradually increasing to four quarts three times a day in the last six weeks of feeding. Feed the meal dry, mixed with or scattered over the cut sheaf and pulped roots. Twice a day is sufficient water, and if turnips are liberally fed, once a day is sufficient. It makes little difference in the case of cattle whether they are watered before or after meals. If watered once a day, about eleven o'clock in the forenoon is a good time; if twice, the second watering should be given before the evening meal.

## AYRSHIRES

WATSON OGILVIE, PROPRIETOR.



Ogilvie's Ayrshires won the herd and young herd prizes at Toronto, London and Ottawa in 1900; also at the Pan-American, in 1901, and in 1902 they won all the herd prizes and medals, sweepstakes and diplomas, with one exception. The cows are all imported, and were carefully selected for strength and constitution, style, size of teats, and milk (quantity and quality). The herd is headed by Douglasdale (imp.), champion at the Pan-American and at Ottawa, Toronto and London, in 1902, ably assisted by Black Prince (imp.). Stock, imported and home bred, for sale at all times.

### ROBERT HUNTER, Manager.

Near Montreal. One mile from electric cars. Lachine Rapids, P. Q.

### Family Knitter

Cheapest, Simplest, Best. Price, \$8.00. Write for circular.

Dundas Knitting Machine Company, DUNDAS, ONTARIO.

### DO YOU WANT A SNAP?

Jersey cows and heifers, also two young bulls, at low prices, from prizewinning stock. Write for prices. W. W. EVERITT, Dunedin Park Farm, CHATHAM, ONT.

AYRSHIRE CATTLE, Shropshire sheep, Berkshire pigs, and B. P. Rock fowl. A fine lot of shearing and ram lambs for sale. J. Yuill & Sons, - Carleton Place, Ont.

### Tredinnock Ayrshires.

Imported bulls at head of herd: Glencairn 3rd Napoleon of Auchrain, and Lord Dudley. Forty imported females, selected from leading Scotch herds, and their produce from above-named bulls. Size combined with quality and style, well-formed udders, good-sized teats, and capacity for large milk production. Bull calves for sale; also a few young cows and heifers. For prices and particulars address JAMES BODEN, Mgr., St. Anne de Bellevue, Quebec. Farm close to St. Anne Station, G.T.R. & C.P.R., 20 miles west of Montreal.

### CHOICE AYRSHIRES.

Present offering: 4 bulls, from 1 to 2 years old, by choice sires, and out of producing dams, and 41 individuals. N. DYMENT, Clappison P. O., Dundas Sta.

### HIGH-CLASS AYRSHIRES.

We are now through exhibiting, and offer at bargain prices, if taken before going into winter quarters, the following prizewinning bulls: The winner of 4th prize at Toronto as yearling, and four other 1st prizes; sired by Caspian of St. Annes (imp.). The August, 1901, calf, a very promising light-colored one, sire Hover-a-Blink. Two February, 1902, calves, winners of 3rd and several other 1st and 2nd prizes elsewhere; and an April, 1902, winner of 4th prize at Toronto. All sired by Prince of Barcheskie (imp. in dam), and light-colored. Two August, 1902, bull calves from imported sires and dams. Correspondence solicited. ALEX. HUME & CO., MENIE P. O., ONT.

### FOR SALE:

Three grandly-bred Ayrshire bull calves, 12 to 15 mos. old. Also young calves, by Napoleon of Auchrain (imp.), whose dam has a record of 72 lbs. of milk per day. A few choice young Berkshire and Yorkshire sows could be served before shipping. Collie pups, from Perfection Queen. Address—

T. D. McCALLUM, Nether Lea, Danville, Que.

Ayrshire Bulls. Two choice August (1901) bulls. Four March (1902) calves, by imported bull and out of dams from imported stock. All good ones. W. W. BALLANTYNE, ("Neidpath Farm" adjoins city.) Stratford, Ont. Main line G. T. R.

### EUROPEAN ADVERTISEMENT.

### English Shorthorns.

Booth and Bates Shorthorns, topped with Cruickshank bulls. Young cows, bulls and heifers always on hand for sale. Eligible for the American herdsbook, Royal and Highland prizewinners included for the last two years. Close on \$400 won in prizes last year and this. WM. BELL, Batchesugh Farm, Alnwick, Northumberland, Eng.



P. O. BOX 509.

# “EMPIRE”

## Easy-Running Cream Separators.

THE SPECIAL FEATURES WHICH DISTINGUISH THE “EMPIRE” FROM OTHER SEPARATORS ARE THESE:

- First—Its extreme simplicity.
- Second—Its entire freedom from complicated parts.
- Third—Its large capacity as compared with weight of bowl.
- Fourth—Its ease of turning as compared with capacity.
- Fifth—Its close skimming.
- Sixth—The ease with which it is cleaned.
- Seventh—Its economy of operation.
- Eighth—Its durability.
- Ninth—Its safety.

FOR CATALOGUE AND PRICES APPLY TO

### The Manitoba Cream Separator Co.,

187 LOMBARD STREET, WINNIPEG.

**MAGIC**  
TRADE MARK  
**SODA**  
OR SALERATUS IS THE BEST.

**E. W. GILLETT COMPANY LIMITED**  
TORONTO, ONT.

**LINDEN OXFORDS**  
A choice lot of ram lambs (yearlings) and a few two and three shear rams fit for show and to head pure-bred flocks; imp. and home-bred, well covered, good quality. —om R. J. HINE, Dutton, Ont.

**SHROPSHIRE** FOR SALE—Shearling ewes, ram lambs, yearlings, also shearling and older ewes about 30 lbs. all registered and all of the best quality. —om Brocks & Langmaid, Courtrice P. O.

**PENNA BARN**—Twenty-five ram lambs, four shear rams, four ewes, all of the best quality. —om Hugh...

**PENNA BARN**—Twenty-five ram lambs, four shear rams, four ewes, all of the best quality. —om Hugh...

**WAYS TO ADVERTISE**  
**THE FARMER'S ADVOCATE**

**NOTICES.**

**A Chemist's Endorsement.**

From Westfield Leader, N.J.:—"I have had an opportunity to examine Absorbine, manufactured by W. F. Young, Springfield, Mass. It removes all Puffs and Swellings, from a Skin Roll to a Fatty Tumor. I am much pleased with it." W. H. Morse, Chemist.

**WARNER'S BOOKSTORE.**—If any of our readers have not seen the advt. of Warner's bookstore, Brandon, Man., in these pages, we would advise them to study it closely. Books and music are, perhaps, two of the largest branches of their great business. They are working up a fine mail-order business, good stock, honest prices and prompt service bringing their own rewards, as usual. We can heartily recommend this store as a first-class shopping place.

**GOSSIP.**

John Hubbs, of Indian Head, intends in the spring buying a carload of cattle sent up from Ontario for his ranch at Loon Creek. Besides going in for a cattle ranching business, Mr. Hubbs keeps some pure-bred Berkshire and Chester White swine also a Clydesdale champion. Prince Edward, the Clydesdale, was sired by Queen's Own 2nd. He is a smooth three-year-old and of quality, winner of the sweepstake cup for draft horses any age at the Indian Head Fair, 1901. This promising young specimen was bought from Ontario last year.

... (text partially obscured) ...

... (text partially obscured) ...

**LITTLE'S PATENT FLUID SHEEP DIP AND CATTLE WASH**  
NON-POISONOUS

**THE ORIGINAL Non-Poisonous Fluid Dip**

Still the favorite dip, as proved by the testimony of our Minister of Agriculture and other large breeders.

- For sheep.** Kills ticks, maggots; cures scab; heals old sores, wounds, etc., and greatly increases and improves growth of wool.
- Cattle, horses, pigs, etc.** Cleanses the skin from all insects, and makes the coat beautifully soft and glossy.

Prevents the attack of Warble Fly. Heals saddle galls, sore shoulders, ulcers, etc. Keeps animals free from infection.

**No danger, safe, cheap, and effective**

Sold in large tins at 75 cents. Sufficient in each to make from 25 to 40 gallons of wash, according to strength required. Special terms to breeders, ranchmen, and others requiring large quantities.

**SOLD BY ALL DRUGGISTS. SEND FOR PAMPHLET.**

**Robert Wightman, Druggist, Owen Sound**  
Sole agent for the Dominion. —om

**W. S. CARPENTER, "MODEL FARM," SIMCOE, ONT.,**  
Importer and breeder of Shropshire sheep. My flock was represented at Toronto, and won first on shearling ram, first and second on aged ewes, and second on the pen. First time exhibiting. If in need of a first-class yearling ram, imported or home-bred, write! Your wants can be supplied, and at prices consistent with quality. Have a choice lot to choose from, and can guarantee satisfaction. Come and see them, or a card will bring them. —om  
Station One-half Mile from Farm, Wabash and G. T. R.

**FAIRFIELD LINCOLNS**  
Imported ewes and lambs. Can supply —om  
J. H. PATRICK, ILBERTON, ONT., CAN.

**Dorsets & Chesters** Young stock in Dorset Sheep and Chester White Hogs of good quality for sale, reasonable. —om  
**R. H. HARDING, THORNDALE, ONT.**  
"MAPLEVIEW FARM."

**SHROPSHIRE**

We have for sale sixteen Shropshire yearling rams and 12 ewes, from Cooper and Mansell ewes, and sired by Mansell ram, also an extra good lot of ram lambs.

**JOHN MILLER & SONS, BROUGHAM, ONT.**  
CLAREMONT STATION, C. P. R. —om

**American Leicester Breeders' ASSOCIATION.**

**A. W. Smith, Pres., Maple Lodge, Ont.**  
Pedigrees now being received for Vol. 4. For information, blanks, etc., address: —om  
**A. J. TEMPLE, Sec., CAMERON, ILL.**  
U. S. A.

**HOLWELL MANOR FARM SHROPSHIRE.**

Choice shearling rams at farmers' prices. A choice lot of ram and ewe lambs for sale.

**D. G. GANTON, ELMVALE, ONT.** —om

**IMP. COTSWOLD SHEEP**  
Five rams (year-olds), both sires and dams imp.; 10 ewes (year-olds), sire imp. Also this year's lambs, both sexes; Yorkshire and Tamworth hogs. —om  
**BROOKS & LANGMAID, COURTRICE P. O.**

**BROAD LEA OXFORDS.**

An offering at present 30 superior shearling ewes, bred to a good ram, and a number of ewe and ram lambs for sale at reasonable prices. Always pleased to hear from or see sheepmen, whether they buy or not. —om  
**W. H. ARKELL, TEESWATER, ONT.**  
Broad Lea Farm.

**MILDMAY, G. T. R. TEESWATER, C. P. R.**  
7 miles from farm. 3 1/2 miles from farm

**SUMMERHILL OXFORDS.**  
Present offering: A choice lot of ram lambs and ewe lambs. Also 50 extra nice yearling ewes. —om  
**PETER ARKELL & SONS, Teeswater P. O. and Station.**

**PLEASE MENTION FARMER'S ADVOCATE.**

**For Singers and Speakers.**

**The New Remedy For Catarrh is Very Valuable.**

A Grand Rapids gentleman who represents a prominent manufacturing concern and travels through central and southern Michigan, relates the following regarding the new catarrh cure. He says: "After suffering from catarrh of the head, throat and stomach for several years, I heard of Stuart's Catarrh Tablets quite accidentally, and, like everything else, I immediately bought a package, and was decidedly surprised at the immediate relief it afforded me, and still more to find a complete cure after several weeks' use."



"I have a little son who sings in a boys' choir in one of our prominent churches, and he is greatly troubled with hoarseness and throat weakness, and on my return home from a trip I gave him a few of the tablets one Sunday morning when he had complained of hoarseness. He was delighted with their effect, removing all huskiness in a few minutes and making the voice clear and strong. "As the tablets are very pleasant to the taste, I had no difficulty in persuading him to use them regularly. "Our family physician told us they were an antiseptic preparation of undoubted merit, and that he himself had no hesitation in using and recommending Stuart's Catarrh Tablets for any form of catarrh."

"I have since met many public speakers and professional singers who used them constantly. A prominent Detroit lawyer told me that Stuart's Catarrh Tablets kept his throat in fine shape during the most trying weather, and that he had long since discarded the use of cheap lozenges and troches on the advice of his physician that they contained so much tolu, potash and opium as to render their use a danger to health."

"Stuart's Catarrh Tablets are large, pleasant tasting lozenges composed of catarrhal antiseptics, like Red Gum, Bloodroot, etc., and sold by druggists everywhere at 50 cents for full treatment."

"They act upon the blood and mucous membrane, and their composition and remarkable success has won the approval of physicians, as well as thousands of sufferers from nasal catarrh, throat troubles and catarrh of the stomach."

A little book on treatment of catarrh mailed free by addressing F. A. Stuart Co., Marshall, Mich.—Adv't.

**Tell Me Who Needs Help.**

**No Money Is Wanted.**

To add a sick friend, will you tell me the book he needs? Will you simply write a postal card, if I will do this?

I will mail the sick one an order—good at any drug store—for six bottles Dr. Shoop's Restorative. He may take it a month at my risk. If it succeeds, the cost will be \$5.50. If it fails, I will pay the druggist myself.

That month will show if the remedy can cure. If the sick one is then disappointed, the test shall not cost him a penny.

I have furnished my Restorative to hundreds of thousands in that way, and 39 out of each 40 got well, and have paid for it.

It is a remarkable remedy that can stand a test like that, and I have spent a lifetime on it. It is the only remedy that strengthens the inside nerves—those nerves which alone operate the vital organs. There is positively no other way to make weak organs well.

The book will convince you. You will wonder then why this offer is possible.

Send me the state which you live in, and I will send you the book free. Book No. 1 on Dyspepsia. Book No. 2 on the Heart. Book No. 3 on the Kidneys. Book No. 4 for Women. Book No. 5 for Men (sealed). Book No. 6 on Rheumatism.

These cases, not chronic, are often cured by one or two bottles. At all druggists.

**QUESTIONS AND ANSWERS. VETERINARY.**

**BURSAL ENLARGEMENT.**

A three-year-old colt has a soft lump a little above the hock joint on the front of the leg, to the inside. He is not lame, nor the lump sore. 1. What is it called? 2. Can it be removed? 3. Will it get worse and make him lame?

GRANGER.

Ans.—1. The enlargement is a bursal enlargement. 2. Repeated blistering will reduce it. 3. It may possibly increase in size if not treated, but it is not likely to cause lameness.

**OCCULT SPAVIN.**

After being driven, and then allowed to stand, my mare becomes lame in off hind leg. The lameness soon disappears on exercise. I can see no swelling.

G. A. D.

Ans.—Your mare has what is called an occult or blind spavin, one in which there is no visible enlargement, and the true hock joint is probably involved. Spavins of this nature are hard to treat. You had better have her fired and blistered.

**NASAL DISCHARGE.**

Last winter my mare took cold, ran at the nose, and coughed. After a while, became stiff and sore all over, especially in off fore leg. The lameness disappeared when on grass, but the discharge from the nostrils did not cease. She discharges a thick, yellowish mucus in considerable quantities, especially if warmed up, but she has no cough.

G. G. H.

Ans.—Your mare has either nasal gleet or glanders. If the former, give her 1 1/2 drs. sulphate of copper twice daily until the discharge ceases. If she has glanders, she must be destroyed. A chronic discharge from the nostrils is always suspicious. It would be well for you to have your veterinarian examine her in order to determine whether glanders is indicated.

**LAME MARE.**

My mare is lame in off hind leg. She is swollen, hot and very sore in the heel. At first she walked on the toe, but now she will not touch the foot to the ground at all. She is failing in flesh very quickly.

S. T. M.

Ans.—I expect your mare has an abscess in her foot, and the pus not being able to escape through the sole has burrowed up towards the heel. The foot should be carefully examined, and if an abscess be present, escape of pus should be allowed by paring the sole, then apply warm poultices of boiled turnips three times daily until lameness disappears. If there be no abscess in the foot, there is in the coronary band, and blood-poisoning is liable to result. The abscess must be located and opened, and dressed twice daily with carbolic acid 1 part, water 20 parts, and poulticed. It is probable the mare will be better or in a very bad state by the time you see this.

**RINGWORM ON CALVES.**

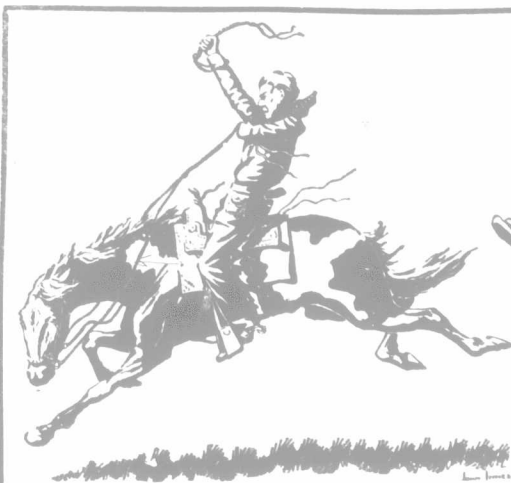
Please inform me through your paper of the best remedy for ringworm affection on calves. CHARLES BURFEE.

Ans.—Wash the scurf spots with warm soft water and soap, remove the scurf and apply a salve made of goose oil and sulphur or lard and sulphur, goose oil preferred. In ordinary cases, the washing may not be necessary, but it makes the cure more sure.

**GOSSIP.**

**HORSE SHOW MADE MONEY.**

The financial results of the horse show held in Toronto, in April last, were very satisfactory to the association which conducted the show. The total receipts, from the financial statements just posted, reached \$12,907.30, with the expenditures amounted to \$9,865.37, leaving a balance on hand of \$3,041.93. Of the receipts, \$2,300.00 was for the sale of 200 horses, \$3,500.00 for the sale of 100 head of cattle, \$1,500.00 for the sale of 100 head of sheep, and \$1,250.00 for the sale of 100 head of pigs.



**A Tough Hide Makes Tough Leather**

and a Western Bronco's hide is the toughest worn by any animal of his weight.

"Pinto Shell" Cordovan is tanned from his hide by the H.B.K. Co., by their own process, without oils or minerals.

Used only in H.B.K. mitts and gloves.

Water, wind, boil, scorch and cold proof.

Never cracks or hardens, never tears or rips, always soft and flexible.

Sold by all dealers. See this trade mark. If your dealer has not got them, write us and send his name. Every pair branded "Pinto Shell" Cordovan by



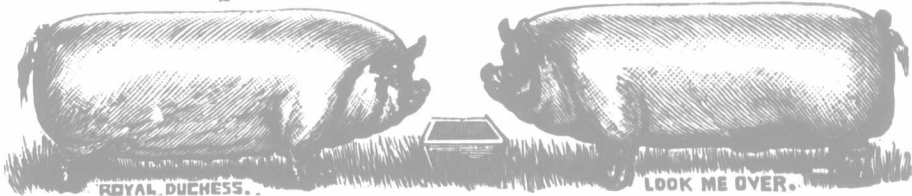
**Hudson Bay Knitting Co.**

30 St. George Street, Montreal. 128 Princess Street, Winnipeg.

Makers of Warm Clothing, Mitts, Gloves, Underwear, Sox, Moccasins, etc. 101

**SUMMERHILL HERD OF Large English Yorkshires.**

HEADQUARTERS FOR THE IDEAL BACON HOG.



Our winnings at the large shows, for 1901, are as follows: At Toronto every possible first prize and five seconds, two silver medals, and first for pen of pure-bred bacon hogs, also sweepstakes on bacon hogs over all breeds; at London every possible first but two; while at the Pan-American, where our herd was divided, half going to Toronto, we won six out of ten possible firsts, also sweepstakes on boar any age. At the Pan-American (Buffalo), Toronto and London there were thirty-six first premiums and medals given: all the medals and every first prize but six won by the Summer Hill Yorkshires. When in need of the best write D. C. FLATT & SON, MILLGROVE, ONT. on Telephone: Millgrove, Ont.

**HILLCREST HERD OF Large English Berkshires**

My brood sows are imported or show animals, and the sires are big, long fellows of the bacon type. For sale: An excellent lot of young pigs, and a few young sows recently bred. Can supply pairs not akin. Enquiries promptly answered. Vine station, G.T.R.—near Barrie. Jno. Lahmer, Vine, Ont.

Imported Poland-China Hogs. We are offering something extra choice, of both sexes, any age (pairs not akin), from imported stock, and of the best type. Easy feeders, rapid growers. ROBT. L. SMYTH & SONS, on Fargo P. O. and Station. M. C. R.

**WILLOW LODGE BERKSHIRES**

Herd headed by Long-fellow 10th of H. F., assisted by the noted prize-winner, Highclere Crown 3rd. Sows, the best money will buy, and are winners. Young stock of both sexes and all ages for sale, not akin. on W. WILSON, SNELGROVE, ONT.

**YORKSHIRES FOR SALE.**

Boars fit for service, sows in farrow and ready to breed, and young stock on hand. Prices reasonable. on WM. HOWE, BRUCE OO. NORTH BRUCE, ONT.

**For the Next 30 Days.**

Newcastle Herd of Tamworth Swine. Have for a number of years taken a share of the best prizes offered at Toronto Exhibition, but this year has excelled all past records, having taken the sweepstakes for the best herd; also both silver medals for best Tamworth boar and best Tamworth sow, besides many other prizes in the various classes. Our present offerings are several young sows, bred or just ready to breed; also a lot of beautiful young pigs of both sexes, just fit to wean and ship. They are all descendants of our sweepstakes on stock. They will be sold very reasonably during the next 30 days. Pairs supplied not akin. Enquiries promptly answered. on Colwill Bros., Newcastle, Ont.

Yorkshires—For the next 3 months I can supply either sex, that for ideal bacon type, smooth, even finish, are unsurpassed. Prices reasonable. on WM. TEASDALE, on Thornhill Sta., and electric cars. Dollar P. O.

**Large English Yorkshires**

Imported and Canadian-bred Yorkshires, from stock of the best British herds. A choice lot of boars, ready for service, and a number of sows being bred to imported Dalmeny Long Sam, for sale. Also young pigs, all ages. on H. J. DAVIS, WOODSTOCK, ONT. Box 518.

**S. H. D. Chief 6th (Imp.) 9074**

Farrowed March 17th, 1902.

Bred by Earl of Roseberry, Edinburgh, Scotland. I will deliver, transportation prepaid, this magnificent imported YORKSHIRE boar for \$10, anywhere in Ontario or Quebec. on GUS. LANGELIER, QUEBEC.

**SPRUCE HERD OF YORKSHIRES.**

A few choice young boars for sale, 6 months old. Also pairs not akin, 8 weeks old. Sires, Summer Hill. Member and Summer Dalmeny Topman 2nd (Imp.). on FRED. C. SMITH, New Hamburg, Ont.

**YORKSHIRES AND POULTRY.**

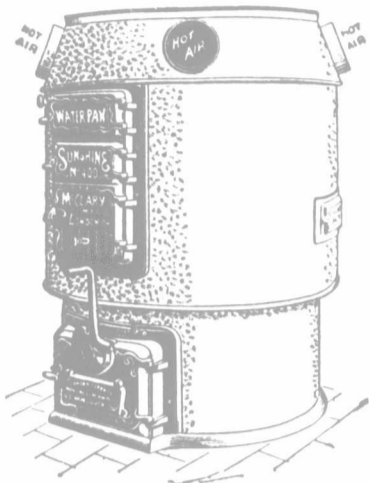
Young pigs, 3 weeks to 3 months old (bacon type) easy feeders, strictly choice. Winners for fall fairs in young White Wyandottes, Barred Plymouth Rocks (Hawkins strain) and White and Brown Leghorns—something extra. Also pedigreed collies. on A. B. ARMSTRONG, Codrington, Ont.

**FOR SALE: Yorkshires and Holsteins**

Best type and quality. Young stock constantly on hand. Prices right. on R. HONEY, on Brickley P. O., instead of Warkworth.

PLEASE MENTION FARMER'S ADVOCATE.

# McCLARY'S SPECIALTIES!



"SUNSHINE" FURNACE.

We Make a Specialty of Manufacturing Cooking and Heating Apparatus for Farmers' Use.

## The "Sunshine"

furnace will burn either coal or wood; has large, double feed-doors, to admit rough chunks— heavy triangular grates— self-acting gas dampers, and many other good features not found on any other furnace.



"CORNWALL" STEEL RANGE.

## The "Cornwall"

is an extra heavy and strongly built steel range—with ordinary care one will last a lifetime. Has heavy duplex grates, and is always fitted with both coal and wood linings. Oven is ventilated and bakes uniformly throughout.

Write for free catalogue on these lines.

**McCLARY'S.**

London, Toronto, Montreal, Winnipeg, Vancouver, St. John, N.B.

# DOHERTY Organs



STYLE 170

A PEERLESS PIANO ORGAN

MADE IN THE

LARGEST REED ORGAN FACTORY

UNDER THE

BRITISH FLAG

DOHERTY

CORRESPONDENCE SOLICITED

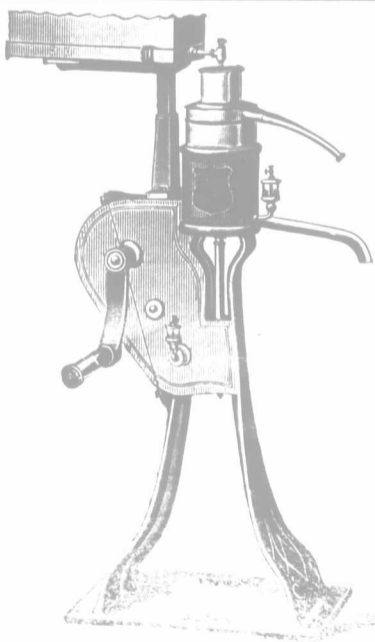
**W. Doherty & Co'y,**

CLINTON, ONT., CAN.

# THE U. S. CREAM SEPARATOR

Shows Its Superiority.

HOLDS THE WORLD'S RECORD



AVERAGE AND FIFTY CONSECUTIVE RUNS, WITH NO STOPPING.

At the Oregon State Fair this year, one of the attractions was a contest between the different makes of Cream Separators, and, as usual, the U. S. beat everything. Read the following letter and notice particularly the different skim-milk tests:

Vermont Farm Machine Co.:

Portland, Ore., Sept. 19th, 1902.

Gentlemen,—In contest at our State Fair yesterday, the U. S. Separator beat everything there, leaving only two one-hundredths on skim milk, while the De Laval, Sharpless and National tied at .08, the Empire leaving .11, and the Reid .12. HAZELWOOD CREAM CO. By E. BURR.

The above letter reiterates the fact that

**THE U. S. SEPARATOR SKIMS THE CLEANEST.**

and the letter below, that

**THE U. S. SEPARATOR IS THE MOST DURABLE.**

Hazelwood Co., Spokane, Wash.:

Colfax, Wash., Sept. 10th, 1902.

Gentlemen,—In reply to yours of the 9th inst., will say in the last four years there have been something like seventy-five U. S. Cream Separators sold from this Creamery, and all the extras that have been furnished by us are as follows:

One crank, with handle	cost, \$2.75
One crank shaft	1.25
Express on same	2.25

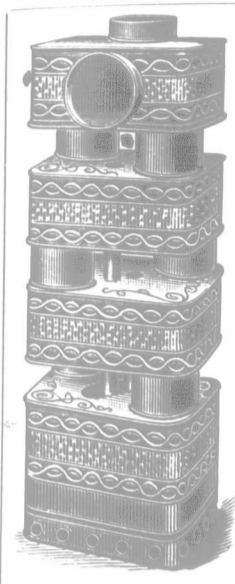
This covers all extras that we have any knowledge of, and we wish to say that it was no fault of the Separator that these parts gave way. It was the fault of the party who had been running said Separator. JERSEY CREAMERY. By E. H. HINCHCLIFF.

The above reports go to prove very conclusively that the U. S. has no equal for thoroughness of separation and long life. Our catalogues contain many statements of the same kind, also that it has many other points of excellence; therefore,

**THE U. S. SEPARATOR IS THE BEST TO BUY.**

ILLUSTRATED CATALOGUE FREE FOR THE ASKING.

**VERMONT FARM MACHINE CO., Bellows Falls, Vt.**



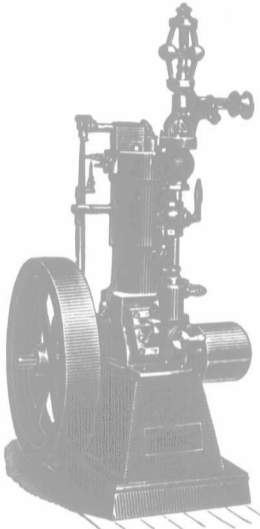
**Save Your Fuel.**

Winnipeg Heater Co., Toronto:  
Dear Sirs.—I enclose ten dollars for one of your heaters. It is for a house heated by a furnace. I had one myself when they first came out, and I find them great savers of wood.  
Yours truly,  
C. H. GILES,  
Fredericton, N.B.

Winnipeg Heater Co. of Toronto, Ltd., TORONTO, CAN. OM

## McLachlan Gasoline Engine

IS MOUNTED IN 5, 10, 15, 20 OR 25 HORSE POWER.



WRITE  
**THE McLACHLAN GASOLINE ENGINE CO., LIMITED,**  
201 Queen St. E., TORONTO,

for catalogue and prices. OM



**Ripley's 1903 Improved Combination Steam Cookers, Hog and Poultry House Heaters and Water-Tank Heater.**

Manufactured in Canada.

Will cook 25 bush of feed or roots in two hours, or heat water in stock tanks or heat buildings 250 ft. from cooker by conveying the steam; made of boiler steel and the best cast iron; can't blow up; can be used outside or attached to a chimney; no fires to fill with soot, or leak. Indorsed and used by Canadian breeders and Experiment Stations. We manufacture 4 styles of cooker and 30 sizes. Catalogue and prices mailed free. Prices, \$10 to \$50.  
Address, Ripley Hardware Co., London, Ont.; or Grafton, Ill., U. S. A. Box 100. OM

## Beat the Bugs

Such things as Codling Moth, Curculio, Green Apple, Scaly Bark, San Jose Scale, Blight, Etc., can only be defeated by frequent and persistent spraying.

### Spramotor

has proven to be the best all round spraying outfit on the market. Was awarded Gold Medal at Pan-American Exhibition, and winner of the Canadian Government Spraying Contest. We mail free, booklet "A Gold Mine on Your Farm." Ask for it. Your dealer will sell you the Spramotor, or you can get it from us direct.

**SPRAMOTOR CO.,**  
Buffalo, N. Y.  
London, Can.

## Save Your Fruit

and dry it with  
**Champion Fruit Evaporator.**



Dries all kinds of fruit and vegetables, producing a superior quality of clean white fruit. It is made of galvanized iron, is lined throughout with asbestos, is fireproof and portable. Made in five sizes.

Catalogue for the asking. OM

**THE GRIMM MFG. CO.,**  
84 WASHINGTON STREET, MONTREAL.

**Joseph Rodgers & Sons Limited,**  
SHEFFIELD, ENGLAND.

Please see that this EXACT MARK is on each blade. OM

**JAMES HUTTON & CO., MONTREAL, SOLE AGENTS IN CANADA.**

REGISTERED TRADE MARK  
\* ✠  
GRANTED 1682

THE  
**Strathy Wire Fence Co. LIMITED,**  
OWEN SOUND, ONT.,

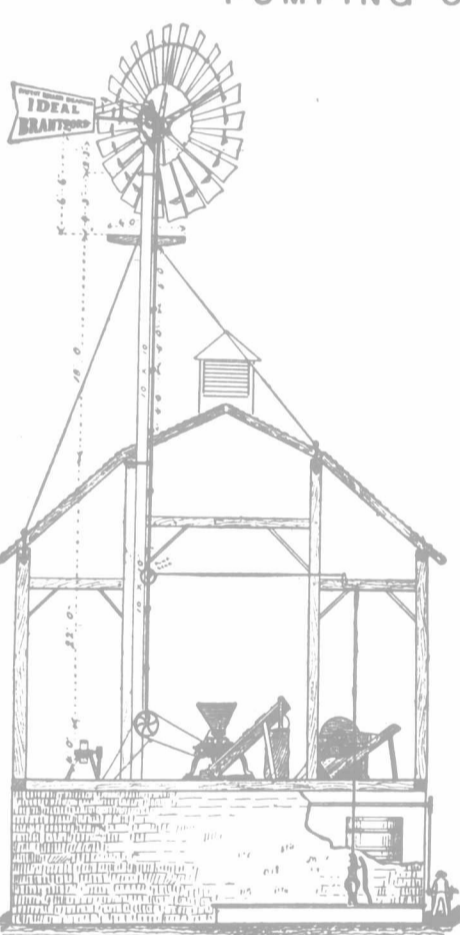
manufacture the best metal gate on the market. Low prices and fullest guarantee of satisfaction. If they do not suit you, we pay all expenses. Write for particulars. OM

SHEWING HINGE MOVEMENT OF STAYS UNDER PRESSURE STAYS CANNOT BEND & WILL SPRING BACK TO PLACE WHEN PRESSURE IS REMOVED.

Nº13

## BRANTFORD Galvanized Steel Windmills

PUMPING OR POWER.



Grain Grinders, Wood Pumps, Iron Pumps, Tanks, Water Boxes, Beekeepers' Supplies, Etc., Etc.

WRITE IF INTERESTED.

**Goold, Shapley & Muir Co., Limited**  
BRANTFORD, ONT.  
Agents for Manitoba and Northwest: The Cockshutt Plow Co., Ltd., Winnipeg, Man.

**WOVEN WIRE FENCING**  
MANUFACTURED IN CANADA

The best selling because the most satisfactory.

**"American" Field Fences**  
For horses, cattle, sheep, and hogs. All styles and heights—20 inches to 58 inches high, with stays 12 inches or 6 inches apart.

**"Ellwood" Field, Farm and Lawn Fences.**  
Six styles. Heights, 18 inches to 58 inches.  
If you can't get the celebrated AMERICAN and ELLWOOD fences from your dealer write to us and we will help you. OM

**The CANADIAN STEEL & WIRE CO. (LIMITED),**  
HAMILTON, CANADA.

Please Mention the Farmer's Advocate.

### GOSSIP.

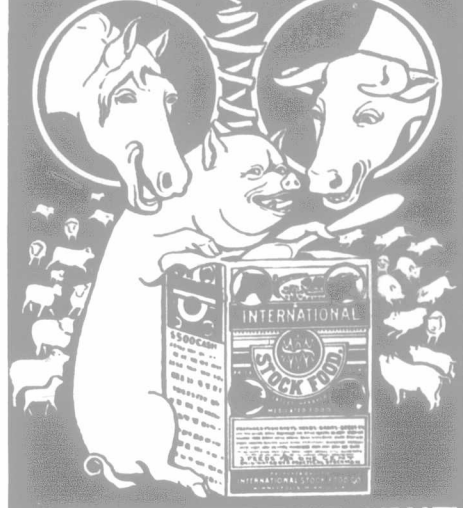
A black Polled cow, aged six years and seven months, belonging to Mr. Ritchie, Teavig, Scotland, is the mother of nine calves, all strong and healthy, four of these being born within a period of eleven months. Her first were twins, the second a single, while on the last three occasions she also gave birth to twins. On each occasion the sire was a Polled one.

An important auction sale of Shorthorn cattle is announced to take place on February 26th, 1903, at the Royal Farms, Windsor, England, the property of His Majesty the King, when about forty cows and heifers and twenty young bulls (including the Royal champion, Royal Duke) from the celebrated herds of His Majesty at Windsor and Sandringham will be sold to the highest bidder. See the advertisement in this issue, and write to Messrs. John Thornton & Co., the auctioneers, for the catalogue.

### LIVING SPRINGS SHORTHORNS.

It is always a pleasure for the writer to look over a choice lot of Shorthorn cattle, and one of the choicest lots it has been our privilege to inspect for many a day is those owned at Living Springs stock farm, which lies in the county of Wellington, six miles north of the town of Fergus, the property of Mr. Wm. McDermott. Mr. McDermott, besides his large herd of Shorthorn cattle, is quite an extensive breeder of Clydesdale horses, of which he has about a dozen mares and fillies. The Shorthorns now number thirty-five head, all of which belong to the well-known Lady Syme, Fashion and Beauty families, which for twenty years on this farm have been Scotch topped, and if there is one thing more than another that Mr. McDermott can look back to with pride and satisfaction, and which has contributed so largely to the bringing of his herd to its present high standard, it is that he has always exercised the greatest caution in the selection of his stock bulls. The present stock bull is Captain Bruce 32001, by George Bruce 25507, by Robert the Bruce, by Imp. King James; dam Maiden Star 18685, by Silver Star 10976. He is a roan, of extraordinarily perfect form, and one of the most mossy handlers we ever saw. His stock are living images of himself, short-legged and very thick. The foundation Lady Syme cow was Roseberry 7761, by Sir James 2443; dam Oxford Rose 3rd 4198, by Oxford Duke 2181. The foundation Fashion cow was Rosella 30196, by Bosworth Hero 17599; dam Bosworth Red Rose 23939, by Kansas Charley. Among the younger ones is Mayflower 3rd, by Imp. Royal Sailor; dam Living Spring Lass 16308, by King William. She is a roan, of perfect form, an excessively deep, fleshy animal, and quality all over; in fact, one of the best four-year-olds in the country, having never been beaten in the show-ring. Another is Lady Bruce, by George Bruce 25507; dam Dean's Heiress 3rd 31520, by Strathallan Lad 17811. She is a three-year-old roan, and another typical, up-to-date heifer, and a winner many times over. Mayflower 5th is a one-year-old heifer that has won eight first prizes, and is about capable of winning in any company. These are a sample of what may be seen in this splendid herd, but before closing we feel that more than a passing glance is due the ten-months-old roan bull calf, Captain Bruce 2nd. He is certainly a long way ahead of the ordinary run of bull calves in form, finish, softness of handling, and quality. He is a prize winner, and should make a sweepstaker. All told, there are twelve heifers, from six months to two years of age, and seven bulls, from six to ten months old, a rare good lot of youngsters, and all out of the heaviest kind of Shorthorn milkers. The herd is all in the pink of condition, many of them in show form. These youngsters are all for sale. The Yorkshires are all of O. L. breeding. There are a number of young boars for sale, sired by the first-prize Pan-American winner, rare good type pigs. Write Mr. McDermott, to Living Springs P. O., Ont.

INTERNATIONAL STOCK FOOD



English Stockmen Like It

WESTON COYNEY HALL,  
Nr. Longton,

International Stock Food Co.,  
Minneapolis, Minn.

STAFFORDSHIRE, ENGLAND.

Dear Sirs:—I have pleasure in handing you remittance to cover your invoice for "International Stock Food." I have given it a thorough trial on my horses, both drivers and draft, and I find it justifies all you claim for it in every way. All my stock are in exceptional condition this year and this I attribute to the use of "International Stock Food." I tender you my sympathy for the loss you have sustained by the death of Online 2:04, a loss which will be felt by the whole of your district. I had great success in my experiment of crossing the French Coach Horse with the American Trotter, the result being a fine heavy harness horse. I am, sirs,  
Yours faithfully,  
F. J. RIDGWAY.

3 FEEDS FOR ONE CENT

We will Pay you \$1,000 CASH to Prove that our Testimonials are not Genuine.

"International Stock Food" is prepared from Roots, Herbs, Seeds and Barks and we paid \$40,000 in "war tax" because it was a high class medicinal preparation. Many "Stock Foods" did not pay this tax because they claimed to the Government that they did not use any medicinal ingredients and did not claim any medicinal results. "International Stock Food" purifies the blood and Cures or Prevents Disease. It is a great aid in Growing or Fattening stock because it increases the appetite and aids digestion and assimilation so that each animal obtains more nutrition from the grain eaten. We positively guarantee that its use will make you extra money over the usual plan of growing and fattening stock. It does not take the place of corn or oats but is fed in small amounts as an addition to the regular feed. "International Stock Food" can be fed in perfect safety to Horses, Cattle, Sheep, Hogs, Colts, Calves, Lambs or Pigs. It is absolutely harmless even if taken into the human system. It won the Highest Medal at the Paris Exposition in 1900. It is endorsed by every High Class Farm Paper. We will furnish Thousands of Testimonials on application. We employ 107 people for our office work alone, including 28 typewriters. If you desire any special information be sure and write us. We pay these people for this kind of work and your letter will be answered promptly. "International Stock Food" is sold on a "Spot Cash Guarantee" by Forty Thousand Dealers throughout the World. Your money will be promptly refunded in any case of failure. You can test it without any risk. Can you ask anything fairer? It will make your Pigs or Hogs grow Amazingly and has the largest sale in the World for curing or preventing Hog Disease. Beware of imitations! No Chemist can separate all the different powdered Roots, Herbs, Barks and Seeds that we use. Any one claiming to do so must be an Ignoramus or Faker.

A \$3000.00 STOCK BOOK FREE  
IT CONTAINS 183 LARGE ENGRAVINGS OF HORSES CATTLE SHEEP HOGS POULTRY.

The cover is a Beautiful Live Stock Picture Printed in Six Brilliant Colors. It cost us \$3000 to have our Artists and Engravers make these Engravings. This International Stock Book contains a Finely Illustrated Veterinary Department that will Save you Hundreds of Dollars. It describes all common Diseases, etc., and tells how to treat them. This Illustrated Stock Book also gives Description, History and Illustrations of the Different Breeds of Horses, Cattle, Sheep, Goats, Hogs and Poultry. It also contains Life Engravings of many very noted Horses, Cattle, Sheep and Hogs. The Editor of This Paper Will Tell You That You Ought to Have Our Stock Book in Your Library For Reference.

WE WILL GIVE YOU \$14.00 IN "INTERNATIONAL STOCK FOOD" IF BOOK IS NOT AS STATED.  
This Book Mailed Free, Postage Prepaid, If You Write Us (letter or postal) and Answer These 3 Questions:  
1st—Name this paper. 2d—How much stock have you? 3d—Did you ever use "INTERNATIONAL STOCK FOOD?"

Largest Stock Food Factory in the World  
Capital Paid in, \$1,000,000.  
We Occupy 62,000 Feet of Floor Space.  
DEALERS SELL THESE ON A SPOT CASH GUARANTEE  
INTERNATIONAL STOCK FOOD  
INTERNATIONAL POULTRY FOOD  
INTERNATIONAL LOUSE KILLER  
INTERNATIONAL WORM POWDER  
INTERNATIONAL COLIC CURE  
INTERNATIONAL HARNESS SOAP  
INTERNATIONAL GALLICURE  
INTERNATIONAL HEAVE CURE  
SILVER PINE HEALING OIL, ETC.

If a referendum was taken on  
"Which is the best packet tea in Canada?"  
there would be a unanimous vote for  
Blue Ribbon.



THIS IS A 20TH CENTURY FAMILY KNITTING MACHINE

COMPLETE WITH RIBBER AND ALL ATTACHMENTS AND BEAUTIFUL BANNER STAND.

YOU CAN CLOTHE YOUR FAMILY FROM HEAD TO FOOT. IT IS A MONEY-MAKER.

ADDRESS: CREELMAN BROS., GEORGETOWN, ONT., CAN.

SEND FOR CATALOGUE No. 3E, AND ADDRESS BOX 28

25 Cts. For 500  
Wanted, Cash  
Wire Fence Machines  
Box 11

THRESHERMEN, SEND FOR FINE COPY OF  
Canadian Implement and Vehicle  
TORONTO, ONTARIO.

GOSSIP.

Mr. Andrew Mitchell, Barcheskie, Kirkcudbright, recently shipped to New South Wales, the buyer being Mr. E. Pritchard, Numba, in that Colony, one of the most valuable shipments of Ayrshire cattle that has been exported this year. Nearly all the animals have been prominent prizewinners, amongst them being the fine red cow, Mary 2nd, which Mr. Mitchell recently re-purchased from Dr. Douglas, M. P. Another very fine cow was May Queen. The other animals shipped included nearly all the winning heifers at this year's national and county shows, and were selected from the herds of Mr. Howie, Hillhouse; Mr. Logan, Bargenoch; Mr. M'Kean, Dam of Aber; Mr. Mair, Carston; Mr. Stroyan, Culcaigrie; and from the Barcheskie herd. It is Mr. Pritchard's intention to found a first-class herd of Ayrshires in New South Wales. To mate with the above cows and heifers, he also bought a fine two-year-old bull, bred by Mr. Wallace, Auchenbrain, out of the highest-priced cow at the Orchardton sale.

NORWICH FAT STOCK SHOW.

The first of the English fat stock shows of the current season was held at Norwich, November 20th to 22nd. The championship of the show in the cattle classes was won by an Aberdeen-Angus-Shorthorn steer, shown by Miss A. de Rothschild. This steer was shown in grand bloom, and fully bore out the promise which he gave when he won in a younger class last year. His weight was 1,976 lbs. at not over three years old. The reserve for the championship went to a pure-bred Aberdeen-Angus heifer, shown by Mr. R. W. Hudson. The championship prize for the best pen of sheep in the show fell to a pen of cross-breeds from Oxford ram and Hampshire ewe, shown by Mr. T. Rush, the reserve going to His Majesty the King for a pen of Southdowns. The Hampshires again sustained their reputation for early maturity by furnishing the championship prize pen of lambs. These were the property of Mr. T. Ruxton.

In pigs, the championship fell to a pen of crosses between a Large York boar and Berkshire sow, shown by Colonel McCalmont.

Maple Grove dairy farm lies in the county of Peel, one and one half miles west of Streetsville, on the C. P. R., and is the property of Mr. Sidney Macklin, breeder of Holstein cattle. Mr. Macklin's herd numbers twenty-five head of extra large, well-formed animals, showing a development of udder that stamps them at once as being abnormally heavy milkers. They belong principally to the well-known and fashionable De Kol and Aggie families, headed by the richly-bred De Kol bull, Netherland Hamming De Kol 1611 (imp.), sired by Regalia De Kol's Duke 22737, by De Kol's Butter Boy 19210; dam Netherland Hamming Andire De Kol 41920, by De Kol's Butter Boy 19210, whose dam is the noted cow, De Kol (imp.). This bull is an exceptionally well-formed animal, showing an evenness of build seldom seen in a Holstein, and a rich yellow soft skin. His predecessor in service was Flora's Beets Pietertje Netherland 10J9, by Dora Beets, 3rd Pietertje Netherland 510; dam Flora Jane 173 (imp.), whose milk record was 75 lbs. a day, and butter record 21 lbs. in seven days. Among the many splendid cows, we were particularly struck with the royal appearance of the cow, Emery Beauty 47284, by Baillie 2nd's Artis Clothilde 13870; dam Edgley Lily 13443. She won milk test at Toronto and London, 1896, also winner of Proving milk test at Gananoque. For three years, her milk record is 72 lbs. a day. Another of the top-notchers is Woodbridge Bell 2363, by Baillie 2nd's Artis Clothilde; dam Edgley Mol. Her milk record is 71 lbs. a day, and 17,000 lbs. in twelve months. Edgley Mol, her dam, has milked 104 lbs. in one day, which is a phenomenal record and goes to show the quality of the cattle that make this splendid herd. There are a number of others that, last month, were selling 90 lbs. a day on grass alone. Mr. Macklin is offering stock of all ages and classes for sale. See his ad. in another column, and write him to Streetsville, P. O. 067.



# BRITISH COLUMBIA.

Do you want a mild winter climate, in a country where the cool sea breezes blow all summer? If you do, go West and live on the Pacific Coast, in the beautiful Valley of the Lower Fraser.

## THE LAND OF HOMES.

A few miles only from the City of Vancouver. The district around Vancouver, owing to its mild climate and great fertility, is rightly called

## THE CALIFORNIA OF CANADA.

No more zero winters. No blizzards. No summer frosts. No droughts. No dust storms. The highest price per acre in Canada for farm produce. We have for sale 50,000 acres, which can all be divided into small blocks and sold (to actual settlers only) at prices from \$5.00 per acre and upward. These lands are all within a radius of 70 miles of Vancouver, the city which is growing faster than any other in Canada. Write for FARM PAMPHLET and learn all about climate, soil and price of farm produce.

**THE SETTLERS' ASSOCIATION OF BRITISH COLUMBIA, BOX 540, VANCOUVER, B.C.**

No. 4861

Toronto, Ont. Dec. 1<sup>st</sup> 1902

To the *Bank of Montreal.*  
Pay to *Mr. Blauk*  
*One Thousand & <sup>00</sup>/<sub>100</sub> Dollars.*  
*D. M. McLaughlin*

1000<sup>00</sup>/<sub>100</sub>

# \$1,000 REWARD TO WEAK MEN

A Message to Men Who Want Strength.



I HAVE perfected a new Belt, better and stronger than I ever made before, a Belt which will transform the weakest, puniest specimen of "half man" into a perfect cyclone of strength, and I want every weak man to use it. I want a test case. Therefore I offer \$1,000 in gold to any weak man who will use this Belt under my direction for four months and then show by examination of any reputable physician that he is not cured, sound and well.

This is especially directed to men who have doctored for years without benefit. I want men with Rheumatism, Pains in the Back, Weak Kidneys, Sciatica, Lumbago, Varicocele, Prostatic Trouble (I cure this by a new method), Locomotor Ataxia, Torpid Liver, Indigestion and Dyspepsia. All of these troubles in chronic form I can cure with this new Belt, even after all other treatments have failed. To every weak debilitated man who wears this new Belt I give my

## FREE ELECTRIC SUSPENSORY FOR WEAK MEN.

This suspensory is made for the purpose of treating all special ailments of men, and assures a cure of all waste of strength, early decay and debility. Its current is invigorating and wonderful in power. The reason so many men neglect to use my Belt is that they fear it will fall like other things they have tried. Now, the security I offer to a doubtful man is that he need not pay for my Belt until it does for him what I say it will do, if he will in return give me reasonable security that he will pay me when cured. Isn't that fair? Now, if you are sick or in pain, or a weak man or woman, and if tired of drugging your system, paying out money without result, try my Belt. You have nothing to lose and everything to gain by accepting my liberal offer. If it fails to cure it costs you nothing. Remember my terms are

## PAY WHEN CURED.

If you can call come and see me and I will show you my new Belt and prove to you that it is a wonderful device. You can feel the glowing current of life that flows into the weakened nerves. I will show you letters from your own neighbors telling how I cured them. I have over 50,000 testimonials in the past 21 years.

**CAUTION.**—Thousands write me that they have used Electric Belts and got no benefit. Why? Simply because they have purchased from people who have no practical knowledge of electricity.

**SPECIAL NOTICE.**—I have the only electric appliance in which your case receives special attention of a practical physician who has made a life study of electricity. The success of my electric appliance depends upon intelligent application. NEVER SOLD IN DRUG STORES OR BY AGENTS

**CONSULTATION FREE.**—If you are close enough to send me a letter, let me show you the difference between my improved appliance and the old style Electric Belts. Let me prove to you why my Belt cures when they fail. If you will call I will give you a free test to show you my virtues.

**FREE BOOK.**—If you can't call, write for my beautiful descriptive book showing how my Belt cures a weakness in men and women. Send for it day. Address, enclosing this ad.

**DR. M. D. McLAUGHLIN,**

130 Yonge St., Toronto, Ont.

Office Hours 9 to 8.30 p.m.

WHEN WRITING ADVERTISERS, PLEASE MENTION FARMER'S ADVOCATE.

# The MANITOBA CEMENT COMPANY

(LIMITED LIABILITY.)

INCORPORATED BY SPECIAL ACT OF THE MANITOBA LEGISLATURE.

Capital Stock \$1,000,000.00, = = = = = in Shares of \$5.00 Each.

**OFFICERS:**

JUSTUS CHANCELLOR - - - President. | WILLIAM BLACKWOOD - - - Treasurer.  
WILLIAM WHYTE, - - - Vice-President. | J. A. HUNTER, - - - Secretary and Manager.

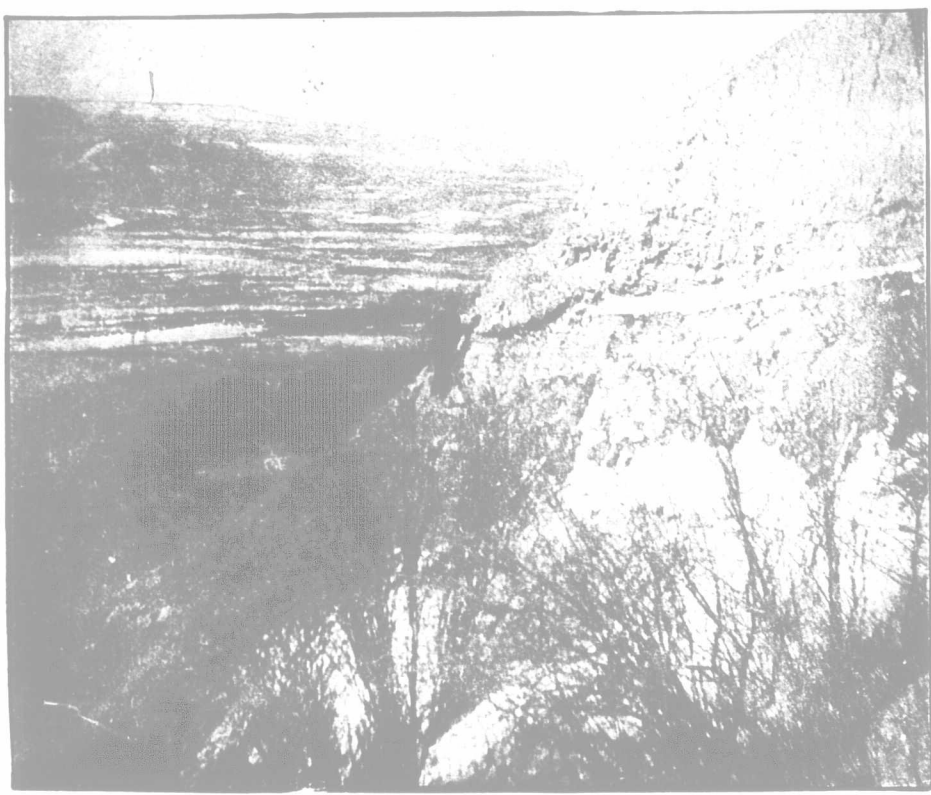
**DIRECTORS:**

JUSTUS CHANCELLOR, Thornton & Chancellor, Chicago Ill.  
WM. WHYTE, Assistant to President of C. P. R., Winnipeg.  
WM. BLACKWOOD President "Blackwood's," Limited, Winnipeg.  
J. A. HUNTER, Humber Land Company, Minneapolis.

G. M. BOSWORTH, Fourth Vice-President Canadian Pacific Ry., Montreal.  
T. S. HOBBS, EX-M. P. P., President Hobbs Hardware Co., London, Ont.  
T. C. IRVING, Manager Bradstreet's Mercantile Agency, Toronto.  
SAMPSON WALKER, President Walker Oil Company, Winnipeg.

**BANKERS**—The Bank of Hamilton.

**SOLICITORS**—Campbell & Crawford.



VIEW OF COMPANY'S IMMENSE CEMENT DEPOSIT.

**Object of the Company.**

The Manitoba Cement Company has secured incorporation for the purpose of manufacturing a high grade Portland Cement. It owns one of the most wonderful cement deposits in the world, located south of Morden, near the international boundary line, on the banks of the Pembina River, S. 1/4 Sec. 4, Twp 1, Range 6 West, and a large, thoroughly modern cement mill, equipped with rotary kilns, with a daily capacity of 1,000 barrels, will be built to manufacture the raw material.

**Some Cement Facts.**

The use of Portland Cement is in its infancy. It promises to replace stone for all kinds of heavy foundations and other wall works, for sidewalks, pavements, etc., to replace brick for building, and to replace lumber where lumber is used. In fact, it will be next to steel. Houses are being built of hollow cement building blocks, and our farmers are learning to build with cement their cellar and stable floors, without the employment of skilled labor. Cement is unquestionably the building material of the Twentieth Century.

**Cement Profits in Manitoba.**

There is already a great deal of Portland Cement used in Manitoba, many thousand barrels being brought in every year, and the demand is continually increasing. The ruling price in Winnipeg to-day is \$4 per barrel of 350 lbs., which leaves a large margin of profit for the manufacturer. The bulk of the cement is brought from Ontario, the freight costing \$1.20 per barrel. This saving in freight alone would represent a fair profit for our mill. There is practically no opposition cement mill here, and none using the new, economical and effective rotary kilns.

Germany is one of the largest cement-manufacturing countries of the world, and until recently has used the highly-expensive and old-fashioned kiln process. Notwithstanding the great expense connected therewith, as compared with the new Rotary Kiln process—also the great competition there—heavy shipping rates, duties, etc., in order to allow her to sell her cement in foreign markets—she was able to show an average profit in 27 of her largest mills of 20 per cent. per annum.

After a most careful investigation of the cement industry of the world, it has been proven that the net profits have been very much larger than in almost any other industry, the profit running as high as 75 per cent. per annum.

The Copley Cement Company of Pennsylvania, U. S. A., have for some years been paying an annual dividend of 32 per cent. Experienced engineers have estimated that the cost per barrel to manufacture Portland Cement in this proposed plant will not exceed \$1.20 per barrel. The average selling price being \$3.25, it is quite apparent that the Company will have a handsome profit, and with the affairs of the Company in the hands of such successful business men as are represented on the Board of Directors, the shareholders have a very promising future for their investment.

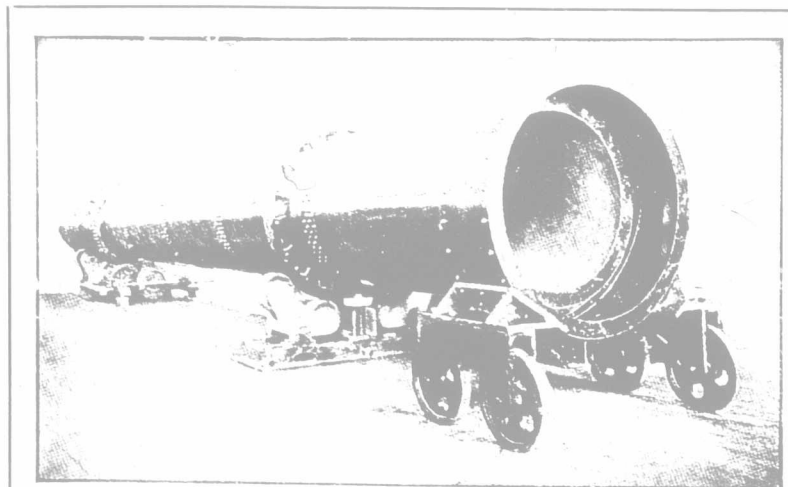
**A High-grade Cement.**

The very wonderful found at the Company's deposit has been thoroughly tested and analyzed by the leading chemists in Pittsburgh and Philadelphia, and pronounced by them as suitable for the manufacture of an exceptionally strong cement. There is also a large deposit of clay and gypsum on the Company's land. In addition to this, the Company has received the following letter from the office of the City Engineer, Winnipeg.

Winnipeg, Man., Nov. 14, 1902.  
Gentlemen: With reference to your inquiry of to-day, I examined the cement location, south west of Morden, where I understand your material is to be procured, and sent samples to the Pittsburg Testing Laboratory, whose report you have. The samples were taken at random from a deposit which, from the appearance of its out-rop, on the bank of the Pembina valley, seems to be inexhaustible. I have no doubt, from the analysis, you will be able to make a Portland Cement of the best quality. The demand for Portland Cement is rapidly increasing, particularly in the West where building stone is scarce. Among others Portland cement concrete may be used with advantage for the following purposes: Bridge piers, foundations, chimney stacks, sewers, sidewalks, etc., for which it is more lasting and more durable than stone or brick. The market for Portland cement is increasing so rapidly in Manitoba and the Northwest that the time it can be put in, a 1,000-barrel mill will not nearly meet the demand.  
Yours truly,  
H. N. RUTTAN, City Engineer.

**A Suggestion for the Farmer.**

You have had a successful crop this year, and probably have a substantial sum of money on hand or in the bank, which you do not need for any particular purpose in connection with your farm. It does not draw very much interest in the bank. Why not use it, or at least part of it, to buy stock in this company? The stock is now being sold at 100¢ per share, each on subscription, and the balance extended over 12 months. Don't wait too long, as the price will rise, and the form of application for stock. Address all communications to the Company.



IMPROVED ROTARY KILN, USED IN THE MANUFACTURE OF PORTLAND CEMENT.

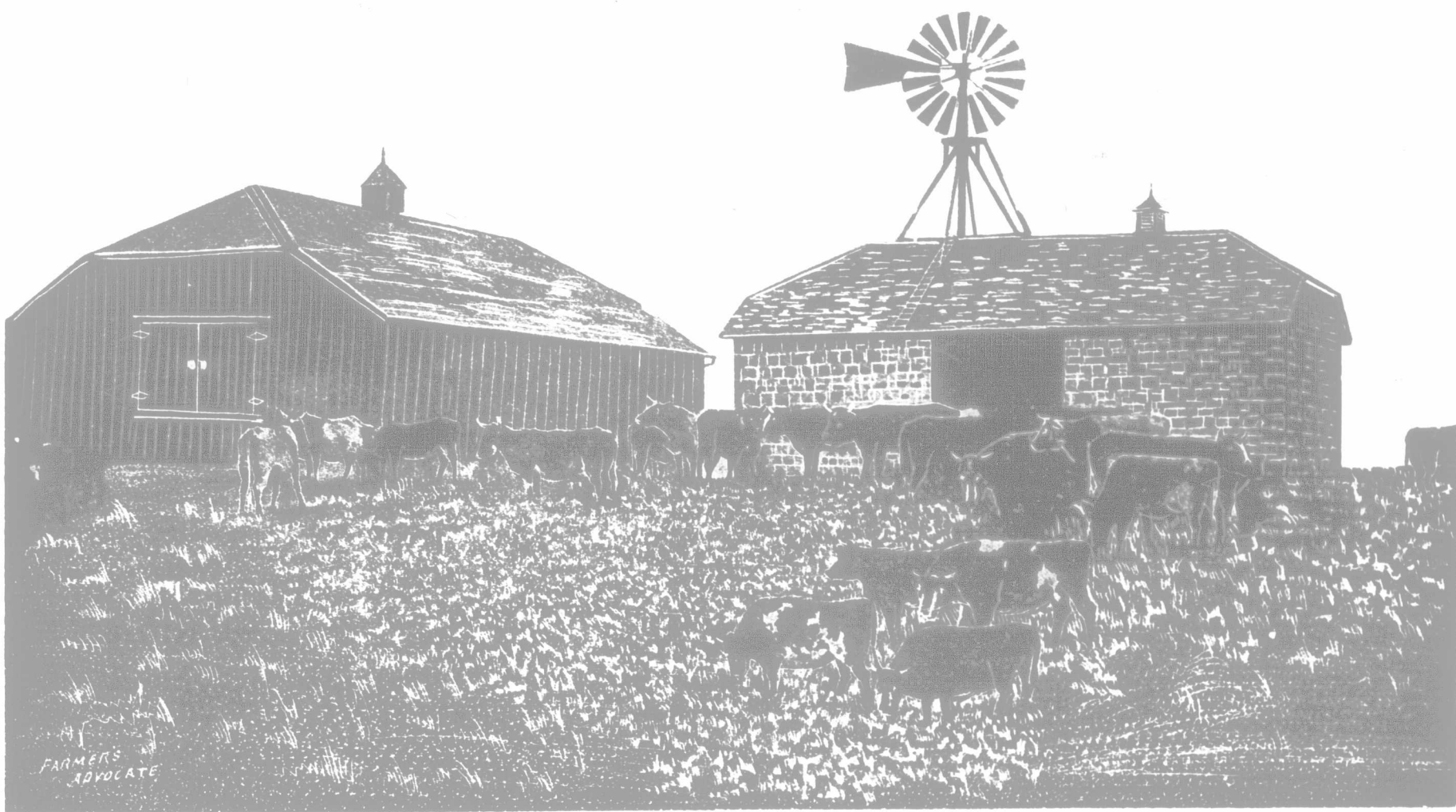
The MANITOBA CEMENT CO., 42 MERCHANTS' BANK BLDG., WINNIPEG.

**\$5.00  
Lands**

# C. P. Railway Lands

**\$5.00  
Lands**

The Canadian Pacific Railway Company have 15,000,000 acres of choice farming lands for sale in Manitoba, Assiniboia, Saskatchewan, and Alberta. Manitoba lands and Assiniboia lands east of third meridian, \$4 to \$8 per acre; lands west of third meridian, including the great Saskatchewan Valley country, \$3.50 to \$5 per acre. 160 acres, or one-quarter section, of \$5 lands may be bought for settlement with a cash payment of \$119.85 and nine equal annual installments of \$100 each, which include interest at 6 per cent. Purchasers who do not undertake to go into residence on the land within one year from date of purchase are required to pay one-sixth of the purchase money down, and the balance in five equal annual installments with interest at the rate of 6 per cent. per annum.



ON WM. SMITH'S FARM, NEAR WHITEWATER, MANITOBA. LAND BOUGHT FROM CANADIAN PACIFIC RAILWAY COMPANY.

## DISCOUNT FOR CASH.

If land is paid for in full at time of purchase, a reduction in price will be allowed equal to 10 per cent. on five-sixths of the purchase money.

Interest at 6 per cent. will be charged on overdue installments.

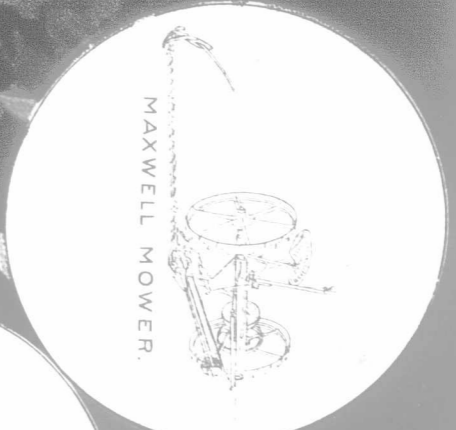
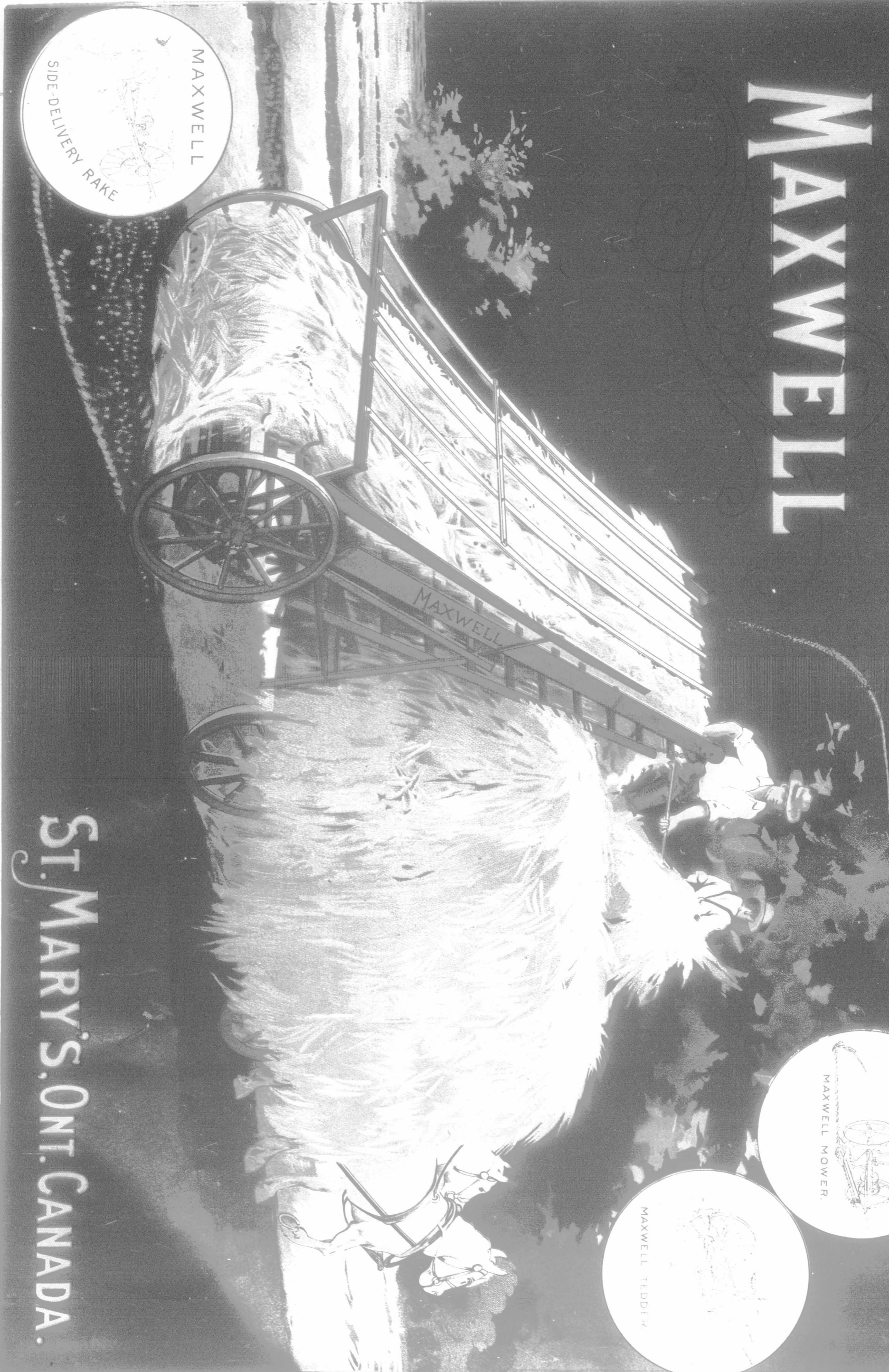
**\$5.00  
Lands**

For Maps and Full  
Particulars Apply to

**F. T. GRIFFIN,** Land Commissioner,  
Winnipeg, Manitoba.

**\$5.00  
Lands**

# MAXWELL



ST. MARY'S, ONT. CANADA.

THE LONDON  
DUNN & CO. LTD.