

FARM AND HOME

THE TORONTO OFFICE
ST. JAMES' PLACE

CANADIAN EDITION

Vol XXI No 417

Premium List Issue—October 15, 1900

50 Cents a Year

A Good Thing to Help On.

WOMEN'S institutes are to be organized over Ontario this winter, to be conducted similarly to those of men. Superintendent Creelman, who has their organization under way, will engage the best women talent procurable for talks on household economy, needlework, cookery, etc. This is a new movement which should be welcomed because of its far-reaching good. Our farmers' wives, aside from attendance at church, get out none too often. Meetings of this character will remind the older generation of the good times at the grange, when all hands took hold for mutual assistance. With the many modern improvements now possible for farmers' homes to be supplied, the delivery of lectures on up-to-date methods in household economy should receive a glad welcome.

Organized Effort Required.

There is much solid sense in the neighborhood scheme of marketing apples, as referred to on Page 426 by Secretary Woolverton of the Ontario fruit growers' ass'n. As a systematic way for moving the enormous apple crop, which may now be annually expected in both Ontario and the maritime provinces, no better plan has been suggested. With the best of transportation facilities, including cold storage, between Canada and England, and freight rates reasonable, our fruit growers should set about to capture the cream of the British trade. They have done it with dairy products and by studying consumers' needs and the British merchants' methods we believe the English market for Canadian apples can be very materially enlarged.

Abolish the Isolation

of the farm home, and rural life will become the most satisfying. Free rural mail delivery, good roads, cheap telephone service and electric railways are soon going to do it. Let's all pitch in to secure each and every one of these modern conveniences. The twentieth century farmer should be satisfied with nothing less.

Use Your Influence.

The winter season is when the farmer should meet, compare notes, exchange ideas and make his wants known. In this connection it pays to stand by the old-time organizations, fruit growers, stock breeders, the grange, etc. because all that is needed is to grease the machinery. Farmers' organizations often become weak, have no influence and die because meetings are not made bright and interesting. If every officer and committee do their duty many a pleasant evening will be enjoyed this winter. Farmers, to their sorrow, have

grasped at too many passing societies. It is best to stand by one organization through thick and thin, until aims are accomplished and right prevails. Farm and Home commends district and local organization of horticulturists, breeders, grain growers, etc. separately, for the benefit of those respective vocations. But the grand organization of every town should be the grange or farmers' club, where all members of the family may assemble for mutual pleasure and profit.

If reciprocal trade arrangements are

brought about between the West Indies, particularly Trinidad, and Canada, it will mean new markets for maritime flour, milk products and especially condensed milk, cheese, sheep, horses, meats, fodder, apples, fish and potatoes. Trinidad's port produce includes raw sugar, cocoa, asphalt and tropical fruits.

Farmers cannot legislate themselves into prosperity, but by co-operation they can immensely benefit their material condition

How Do You Co-operate?

YOUR EXPERIENCE WANTED.

Some Liberal Prizes Offered for It.

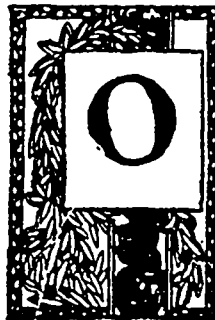
The great gain in a financial way afforded manufacturing and business interests by organizing and co-operating in trading arrangements, is well known. Equally, or even yet greater advantages are possible for farmers, if they will but organize and co-operate. This is abundantly shown by the building and management by farmers of thousands of creameries and of butter factories in all parts of the country, of the farmers' co-operative fruit shippers' associations of the Pacific and of the Gulf coasts, of strawberry shippers in the southern Mississippi states, of the wool growers of the western ranges, of various grange or alliance efforts, etc. etc.

The story of how these various farmers' associations were organized, and just what they have accomplished, will make most interesting reading in Farm and Home this winter, as well as inform fellow farmers in all parts of the country just what is and has been accomplished in your own town, county or section. I believe the actual experience of farmer co-operators will be read with more general interest this winter than anything else I can print.

No matter whether your experience be small or great, whether as the purchasing agent of a local grange, or as a director of a great farmers' co-operative enterprise, such as the Five States' milk producers' ass'n, the California cured fruits ass'n, a truck gardeners' ass'n, etc. etc. just these experiences are what we want and will pay well for. The printing of many practical experiences along these lines will undoubtedly do much to arouse the farmers of many towns from a state of despondency to one of self-help. And that is what Farm and Home is constantly striving to do—render self-help to the plain, practical farmers of our fair land. These experiences, very often, can be made doubly valuable by sending with them pictures of warehouses, prize crops or stock, officers and other matters bearing directly on the subject.

Now is the time to get out the quill and write your experience. Write plain and on one side of paper. Write name plainly on each article and picture. Pictures will be returned if desired. The contest is open from now until Dec 1. Prizes will be divided as follows: First, \$15, second 10, third 5; fourth, five of 3 each; fifth, three of \$2 each; sixth, four of \$1 each.

It looks as though Cape Breton's dormant resources were to be utilized and the island made to blossom as the rose by the development of nature's riches. Cape Breton has slumbered for 150 years; indications are the American-London syndicate will set in motion wheels of progress and prosperity.



OUR ANNUAL PREMIUM LIST for 1901 is the big feature of this issue. In appearance the most artistic, in quality of premiums the highest, in variety the largest, in offers the most generous of any Premium List ever issued by Farm and Home or by any other journal at five times the price. New, novel, useful things for everybody for Christmas and all the year. Every subscriber to Farm and Home and every reader will want something from this stock, which is the nick of

the whole country. Choose what is wanted and pay for it in the easiest possible way, namely, by making up clubs for Farm and Home; or with cash, in many instances at the lowest wholesale price or in connection with a subscription to the paper. Such bargains are too good to lose.

ACT QUICKLY—Now, before other papers get into the field, and as the evenings lengthen, is the time to start out and show other people that Farm and Home is the paper they want for another year; it is just what they are looking for, and the premiums will come your way. Premiums are given, not only for new subscriptions, but two renewals count for premium same as one new name. Old subscribers will be only too glad to have you write the letter and send the money for them.

FREE for the balance of 1900. Such is our offer to new subscribers for 1901, whose names reach us before December 1, 1900. So the sooner you get at work the better for your friends.

ART CALENDAR, Weather Forecast, Farmers' Reference and Household Guide absolutely free to either new or old subscribers, is an irresistible attraction. The bearer of all these and other good things in our Premium List will be welcomed in every house and liberally paid.

PRESERVE this Premium List carefully. Your attention will be directed to it frequently until next October. It will be in your pocket to observe this hint.

MAN'S ESTATE reached by Farm and Home. Now 21 years old it enters upon its majority with the largest circulation and the greatest popularity of any farm and family paper on earth. Pithy, practical, timely, in every department, full of "gimp" and not "afraid" of anything, the paper speaks for itself. Each canvasser will receive sample copies, blanks and posters on application to

FARM AND HOME, Montreal.

FARM AND HOME

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CANADIAN EDITION.

PUBLISHED

SEMI-MONTHLY

(1st and 15th of each month)

BY THE PHELPS PUBLISHING CO.

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TERMS.—50 cents a year; 25 cents for six months, payable in advance, clubs of two or more, 35c per year. New subscriptions can begin at any time during the year. Sample copies free.

RENEWALS.—The date opposite your name on your paper or upper shows to what time your subscription is paid. Thus, Jan 01, shows that payment has been received up to January 1, 1901, Feb 01, to February 1, 1901, and so on. Some time is required after money is received before the date, which appears for a receipt, can be changed.

DISCONTINUANCE.—Farm and Home is continued to responsible subscribers until the publishers are notified by letter to discontinue, when payment of all arrearages must be made. If you do not wish the paper continued for another year after your subscription has expired, you should then notify us to discontinue it.

CHANGES.—Subscribers wishing a change in address must send the old as well as the new address to which they wish the paper sent.

ADVERTISING RATES.—Eastern or Western Edition, 50 cents per square line each insertion. Both editions, \$1.50 per square line each insertion. Discounts for contracts made known on application.

OUR ADVERTISERS.—It is our intention to admit into Farm and Home only reliable advertisers, and we believe that all the advertisements in this paper are fit to be relied upon. If, however, we find any of them to be otherwise, we will either at a favor if they will advise us, and we will at any time give our personal attention to any complaint which we receive. Always mention this paper when answering advertisements, so we can be sure to credit Farm and Home with your inquiry or order.

THE CIRCULATION of Farm and Home for this issue is 225,000 copies. Every circulation statement of Farm and Home is sent to address lists every three months and are made a part of each and every advertising contract.

OFFICES for the convenience of its patrons Farm and Home has offices at

SPRINGFIELD, MASS.

204 Dearborn St., Rice Exchange,
CHICAGO, ILL. NEW ORLEANS, LA.
Board of Trade Building, Montreal, Canada.

MONTREAL, OCT. 15, 1900.

THREE MONTHS FREE. New subscribers to Farm and Home for 1901, whose names reach us before November 1, 1900, will receive the number for the remainder of this year free, thus giving them 15 months numbers for the price of a year's subscription. This very liberal offer will enable our friends everywhere to secure subscribers with comparative ease, as the offer of extra time will be an inducement to subscribe. The Farm and Home Art Calendar which we send to every subscriber for the ensuing year, and the special book premiums which we offer upon the receipt of a year's subscription, are also remarkably liberal terms. As advertising elsewhere will be an additional inducement. Now, then, is the time to commence work. Begin at once and make good use of this offer. Sample copies, blank posters, etc. will be sent free on application. Address:

FARM AND HOME,

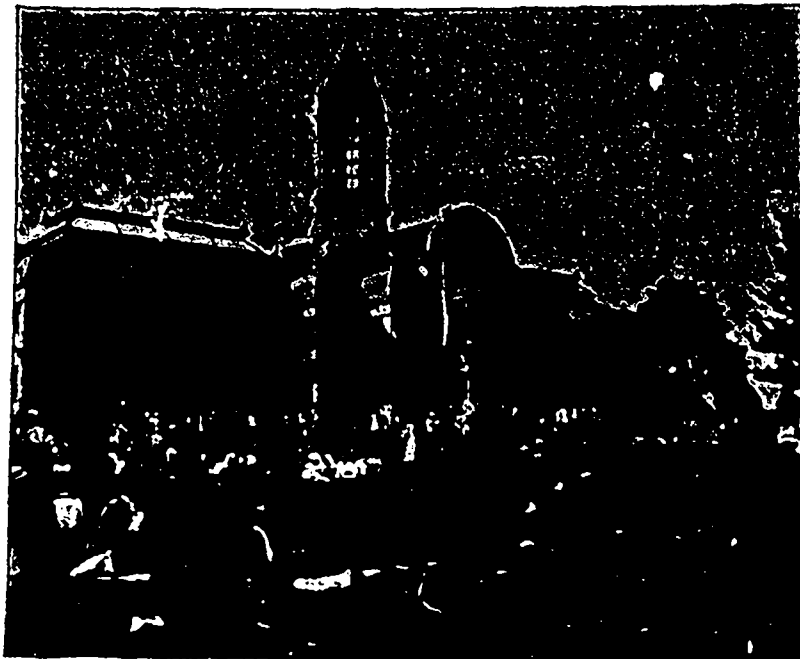
Springfield, Mass., Chicago, Ill.

Farm Problems.

SECURING A WATER SUPPLY.

WHEN I bought my farm, over 5 yrs ago, the problem of water supply was a serious matter. A very moderate spring was 800 ft distant and 100 ft below the house, which stands on an eminence composed of limestone rock. The getting of water in limestone is a matter of grave doubt, you may strike a fissure in 100 ft or you may go 500 in a tight rock. Having previously seen a small hydraulic ram at work, I decided to try it and to use the water of a creek to drive the spring water to the house. I gave the hydraulic engine company the conditions, 5½ ft head and fall of creek water to drive spring water 500 ft to an elevation of 125 ft above the ram. They agreed to guarantee a discharge of 1 gal a minute. A 4-in pipe leads the creek water, with a head as stated of 5½ ft, to a small tank 12 ft from the ram. A 3-in pipe in a straight line leads from the tank to the ram. The fall of water from the spring to the ram is about 20 in.

With a constant supply of water I have frequently tested the discharge and it averages 1 gal in 40 seconds which is better than the guarantee, and this with the minimum stroke. This machine comes about as near to perpetual motion as anything I know of. All it asks is a steady 3-in stream of water and it goes ahead, week after week, month after month, day and night, week days and Sundays, summer and winter. The engine itself has not cost for repairs \$5 in 5 yrs; indeed, the only thing to be replaced are some gaskets. Have lost some connecting pipes by freezing, but that was owing



Main Building Toronto Industrial Fair, 1900.

The Industrial was attended by the usual big crowds this year. Exhibits were up to the high standard of past years. The industrial sets a pace that but few fairs on this continent can excel in instructive exhibitions.

to my carelessness in not properly protecting them.

The water is discharged into a 1000-gal tank, standing on a 30 ft high derrick. In this way carrying the water through both floors of the house to bath rooms, closets, kitchen, pantries and laundry. A pipe runs from the tank to the stable, chicken house and hog pen, with a connection to the garden. In this phenomenal season of heat and drouth, I have saved my tomatoes, cabbage, egg plants, cauliflower and grapes, while the gardens of my neighbors without water are cleaned out. But much more than this. Without this water connection the house and all its contents would have been totally destroyed by fire, a few months since. A fire carelessly started in the laundry had worked up under the dining room floor before being discovered. Within five minutes after the alarm the hose was attached, a steady stream playing on the flames and the house saved.

Where irrigation is wanted, volume is necessary. This involves the question of water supply, the elevation to be overcome and the size of the engine, and each case must be decided on its own merits.—[Edmund C. Peckin.

THE ONTARIO APPLE CROP.

To any one viewing the apple orchards of Ont in the month of Aug last, it would have appeared that the crop of 1900 would equal in quantity, if not exceed that most memorable one of '95 when the orchards were overloaded and markets glutted. That year the coopers made a rich harvest out of the poor fruit grower and the latter, after paying all expenses, found that he had no money left from his extraordinary yield.

About Sept 1, the Canadian apple buyers, judging by the appearances of a prodigious crop, met at Toronto and agreed they would pay only 50c p bbl for winter apples. Of course growers understand it is to the interest of buyers to hold down the price to the lowest possible standard, for speculation is at best precarious. But what profit have we in growing apples at 50c p bbl and only harvest a crop each alternate year?

I do not believe the crop of No 1 apples is nearly as enormous as buyers imagine. Let any one begin his apple harvest, and he will be startled to find how few of his apples go 2½ inches in diameter, and no apple is No 1 which is below that. We do not believe we ever had so many small and unmarketable apples before. The chief growth of the tree and fruit is made before Aug, and vainly have we been expecting the size to be made up in Sept. Culling out small, wormy and deformed apples, the proportion of No 1 stock in orchards will prove astonishingly small.

The "crop in Great Britain is very large," buyers say, but everybody knows that the crop there is never sufficient for consumers, that the varieties

are a perfect medley and that the freights from the interior of England to London, Liverpool and Glasgow are almost equal to those from America. I am inclined to think Ont fruit growers should try a better plan. Let a few growers at each railway station, say eight or ten, co-operate, agreeing on packages, packings, grades, marks, consignees, etc, and ship their own fruit. They can easily make up a car among them, and if they have any one who knows, they can easily wish such grades of stock as shall cost and the best prices in the market.

I have been overating in this way with a small company at Grimsby and with great satisfaction. We first sort out the No 2 apples. This we do in the orchard on the large packing table on which pickers empty their fruit. Then we grade the No 1 apples into "A No 1," and "X A No 1," i. e. apples measuring 2½ and 3 inches in diameter. These higher grades are then wrapped in waxed paper and packed in special packages. For packing material we have been using paper, wood shavings, paper clippings and latterly, sphagnum moss from Welland. It is a capital packing material and is a preservative as well, but our English merchants do not like its appearance. They prefer the wood shavings, or excelsior, as being cleaner, but they have not the preservative qualities of the sphagnum.—[Sec'y L. Woolverton, Ont Fruit Growers' Ass'n.

For a Beet Sugar Factory, a number of meetings have been held in P E I and the possibilities of the industry explained to farmers by Mr A. Callaghan. Meetings have been largely attended and a lively interest shown. A number of experiment plots are now growing on the island, presenting a vigorous and splendid appearance, fully and satisfactorily dispelling any doubts that may have been entertained regarding the successful and remunerative production of the sugar beet. The company has in contemplation the establishment of a 500-ton plant at Charlottetown, having a capacity to manufacture 75,000 tons of beets. It is estimated that 5000 a will be required to produce sufficient beets to supply the factory. The farmers are required to guarantee 3000 a, and the balance of the required acreage will be purchased and cultivated by the company. Mr Callaghan expects to have the acreage required from farmers guaranteed by Nov 1.

Hedge Fences are a back number. Hard or steel wire is the most effective fence, resisting all shocks to which fences are usually subjected, with less damage to either fence or stock and where length of life is concerned is by far the most economical. I have been erecting wire fences of different makes for several years, and find that factory woven steel wire fence embodies the practical requirements of the farmer, viz, durability, effectiveness, conformity

to uneven ground, portability and erection. Its first cost is not but a trifle greater than a woven fence. A resident of the county for whom I erected 135 rods hard wire fence and who has a half mile of hedge on his place, gives his opinion of the latter thus: "It cost \$1 p rod at the start and I had to wait 4 yrs for a fence; since then it has been a biyearly expense to trim and in many places is no barrier to pigs and shoats. I wish I had the wire fence in its place." One hundred rods of the above 135 was in a timbered creek bottom, and during the floods of the early summer was subjected to a trying test, to which all other fences, "slat and wire" included, succumbed. The line posts for this fence were set one rod apart and only 18 to 20 in in the ground, yet it held an enormous amount of logs and drift and stands as straight as when erected.—[W. J. Prindle.

Times Are Quite Different than 20 or 30 yrs ago. This is an age of headlong blindness to make money, almost regardless of consequences. It makes no difference who sinks in the swim. One reason why so many laborers are dissatisfied is they want something for nothing. In many a good laborer we do not put enough confidence, do not treat them as we would be treated. If we were all right, they would be right and do right.—[J. T. Stevens.

Cut Timber for Durability in Jan and Feb. Timber at that time is ripe, the pores or grain are then filled with starch and oil that have formed after sap ceased flowing. Another good time if not the best to cut timber or fall trees is in midsummer, when leaves are full grown, and let lie two or three weeks until leaves are dried and have drawn the sap from the body of the tree, and thus quickly season and prevent sap rot and worms.—[Jacob Faith.

While the government of Nova Scotia realized only 60 per cent of the cost of the pure-bred horses at their recent sale at the Halifax fair, yet the progeny of these 23 magnificent animals will benefit the horse industry of the province a hundred fold. It was a wise provision of the sale that the horses be kept in the province for breeding purposes at least 5 yrs.

The 40 cheese factories of Perth Co, Ont, are expected to finish the season with 350,000 to 400,000 boxes to their credit. Prices have averaged the highest since '85, from 9 to 11½c. This means a handsome income to the great dairy industry of that section.

In 1898, the average yield of 15 varieties of field crops at the central experiment farm, Ottawa, was 240 bu p a. That year the average in Ont was only 84 bu p a—a difference of 156 bu to the credit of the experiment farm.

Twenty-one square miles of valuable coal lands at Chimney Corner, Cape Breton, have been bought by a syndicate of Halifax capitalists.

The Iverness railway is now completed between Port Hastings and Port Hood, N S. Trains will be put on at once.

The day will come, if it is not already here, when no farmer can afford to buy nitrogen as a fertilizer. He must raise it as he does other crops, by means of clover, cowpeas and other legumes.

Of several farm papers I take I consider F & H the best for the every-day farmer. I punch 4 or 5 holes about ¾ in from the back edge of the paper, when closed, and an equal distance apart. I have the holes in exactly the same place until the volume is completed. Then take pieces of thin, soft brass ¾ in wide and long enough to go through the hole with about ¼ in projecting on each side, put two together through the hole and bend the ends both ways on each side of the volume lengthwise of the page.—[A. B.

The Advance Fence Co of Peoria, Ill, has opened their advertising campaign for the new season, as will be seen elsewhere in this issue of our paper. These are the people who sell their product direct from the factory to the consumer. They employ no salesmen or middlemen in any way and save to the purchaser the money ordinarily expended in this way, which of course has to be added to the cost of the article itself, thereby increasing its cost to the consumer by just that much. The Advance fence is well known to and largely used by our readers. Please refer to their advertisement and write for prices.

Montgomery Ward & Co. Chicago



The tallest mercantile building in the world. We own and exclusively occupy the buildings shown here. We carry a stock of merchandise valued at \$2,500,000, which we sell to out-of-town customers at wholesale prices.

SEND for Our CATALOGUE

For Fall and Winter, 1900 - 1,200 Pages - 17,000 Pictures

PRICES on 70,000 THINGS

In our buildings we carry merchandise valued at \$2,500,000 which we sell only to out-of-town buyers. A general store with a stock of \$2,000 is a pretty fair store. Ours would make twelve hundred and fifty such stores. We have two million customers who buy from us by mail. Our building has 25 acres of floor space filled with everything for them. We have built such an enormous trade by selling to users at wholesale prices, and by treating people fairly. You would be one of those millions of customers if you knew us and knew our prices.

We have just issued a new catalogue - No. 69 - containing 1,200 pages and 17,000 illustrations - giving prices and descriptions on 70,000 articles. You will find prices in it on everything you wear or use - on most of the things you eat; and the prices will run from 15 to 50 per cent below the prices of any store around you. We have thousands of customers for whom we save above \$100 per year. This book is free to any out-of-town caller at our store, but the book is so big that it costs us almost a dollar to print and mail it. If you will send us 15 cents to pay part of the postage, we will pay the balance that it costs to make and deliver it. We send it by mail or express prepaid.

Originators of the Catalogue Business

We are the original catalogue house, founded 28 years ago, and we have by honest methods won the confidence of mail order buyers. Our sales exceed the combined sales of all other mail order houses in the United States, and by buying the most we are able to sell the lowest.

Our sales are so large that we have our own factories in some lines. We own a vehicle factory and a large agricultural implement factory. Our cost in such lines is the actual making cost only. The prices on many lines given in our catalogue are lower than dealers pay.

Satisfactory Dealing Those who deal with us know that every article is exactly as we describe it. No false statement - not the slightest exaggeration - ever appears in our catalogue. We do not describe a second grade article as the best grade. We handle no shoddy, no "fire sale" or "bankrupt" stocks.

We Answer Letters There are two thousand people employed by us to serve you; many of them are correspondents ready to answer your letters. Ask us what any goods quoted in our catalogue will cost laid down at your station and we will tell you promptly.

Your Money Back If an error occurs it is pleasantly corrected. If anything is wrong we remedy it. If goods are not as represented, return them and we will return you your money and we will pay transportation on the goods both ways.

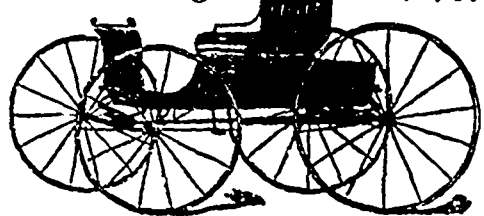
We Keep Trade We seek trade only to keep it. The profit on your first purchase may not even pay for our catalogue, but a customer once is usually a customer always. There are more than a million people who send every year for our catalogue.

How We Can Sell So Low One thousand average dealers buying together would scarcely buy so much as we. Our orders, therefore, are sought by nearly all manufacturers. The fiercest competition in America centers here. If a maker could sell to a thousand dealers at once, see how much selling expense he would save by it - how much risk and labor. You may be sure we get all the saving for you. We sell on a very small margin of profit. The average dealer needs to add to his cost from two to five times as much. The expense of our business is apportioned on sales of over twelve million dollars annually. In these ways we save you from 15 to 50 per cent. When you see the prices given in our catalogue you will not wonder that we do so great a business. The marvel is that everybody living away from large cities doesn't buy everything from us. We do not pay postmasters, express agents or banks a commission on the money orders they issue in our favor.

Specimen Prices

FROM OUR CATALOGUE:

Ideal Road Wagon \$24.97



Spring back, side of seat lined, leather dash, dash rail 4-in. Seven wheels, best imitation leather trimming, green gear, shafts, boot. No change made. A good wagon all over. Order No. F 315 P. Price, \$24.97 net. No discount. State if you wish wide or narrow track.

NEW ERA DINNER SET 100 PIECES

Imported English body, decorated with a wide border design of finely drawn small poppy flowers, leaves and scroll put on under the glazing, which prevents its wearing off, it is of medium weight, extra fine shape, all pieces full size and priced very low. Choice of three colors, light gray, Florentine green and cobalt blue. Sold only in 100 piece sets. Order No. B577P.

Price \$8.67 Shipping weight 100 lbs.



12 Breakfast or Dinner Plates, 7-in.; Soup plates, 7-in.; Dessert Plates, 5-in.; Tea Cups; Saucers; Individual Butters; Sauce Plates, 4-in.; 2 Covered Vegetable Dishes, 9-in.; 1 Platter, 3-in.; Platter, 12-in.; Baker, 5-in.; Covered Butter Dish; Sauce Boat; Pickle Dish; Sugar Bowl; Bowl, 1 1/2-qt.; Cream Pitcher.



The Famous Texel Seth Thomas Mantel Clock. We have sold thousands of these beautiful clocks; more than any other pattern, and purchaser is always well satisfied. The movement is a genuine Seth Thomas, and case is finished like Mexican onyx and marble, with gilt trimmings. Height, 12 inches, width, 16 1/2 inches; weight, 12 pounds, boxed. Order No. NA3032P. Price, \$5.75

Cut this slip out and send it with 15 cents in stamps.

Montgomery Ward & Co. Michigan Avenue and Madison Street, Chicago

Enclosed find 15 cents for partial postage or expressage on your 1200-page Catalogue and Buyers' Guide No. 68 for Fall and Winter, 1900-01.

Name (Be sure to write very plainly.)

Postoffice

County State

If there is an express office at above address, we will probably send the catalogue by express. You should receive notice from the express agent; if you do not, please inquire of him before writing for another catalogue.

Be sure to enclose this slip in an envelope. This slip was clipped from Farm and Home.

Send 15 Cents To-day

Cut out the slip to the left of this, fill it out carefully, enclose it to us with 15 cents in stamps and we will send you by mail or express prepaid, our mammoth catalogue. It would be free if you would call for it, but the postage alone costs us 32 cents. The fact that more than a million people send for it annually shows how highly it is appreciated. You will then have in one book the lowest possible price on almost everything that anybody buys, and you will have 17,000 pictures to show exactly what you will get. If you want only one article it may save you a third of its cost. Send for the catalogue to-day, before you forget it; and if you are disappointed when you get it we will return your 15 cts.

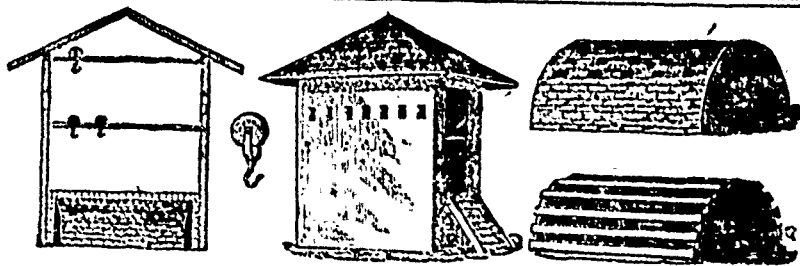


Our \$2.50 Shoe

Order No. UxSP

Made from genuine box calfskin. Heavy double flintstone oak soles, Scotch extension edges, Goodyear welt, sewed with Irish linen cord. These shoes will retain their original form no matter how long worn. Widths A B and C, sizes 6 to 9; width D, sizes 5 to 11; width E and EE, sizes 5 to 12. Per pair \$2.50

MONTGOMERY WARD & CO. MICHIGAN AVE. & MADISON ST. CHICAGO



A Convenient Form of Smoke House.

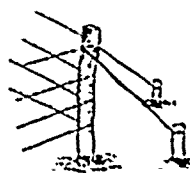
The Handy Mechanic.

A BRICK SMOKE HOUSE.

While a smoke house 7x9 or 8x12 ft is plenty large for private use, by the illustrated plans herewith, this style of a house may be enlarged to any size. At the bottom of the building is a brick arch, shown in the upper right-hand figure, with bricks left out here and there to give passage for the smoke.

At the center or elevation figure, the house is shown in perspective, with the open archway for the fire, and the door provided with steps. Above the lower bar and below the upper one are a series of ventilating holes through which the smoke may escape. These are made by leaving out a brick, and can be shut by inserting a brick closely in the vacancy.

To Anchor Corner Posts, take a smooth wire, double it two or three times, and cut off about 12 ft long.



Twist it once around corner post just below top wire and fasten with staple, so as to leave both ends about 5 ft long. Take a stout stake 1 ft long and drive into ground one-third of it, and about 4 ft from corner post in a line with wires to be stretched. Fasten one end of wire to top of stake by twisting it around securely, and fasten with staple so it will not slip off.

Small Ropes—Where these are used over pulleys or in places exposed to the weather, although the first cost may be a little more, it is doubtless cheaper in the long run to buy braided cotton instead of twisted hemp rope.

To Disinfect drains, sinks, etc. flush the system thoroughly with any one of the following liquids: 1/2 lb copperas dissolved in 1 gal water; 1 lb chloride of lime dissolved in 2 gals water; dissolve 1 bu salt in a barrel of water and then slake lime with it until a thin wash.

Quick Fattening—An English poultry expert gives as follows the essentials for fattening poultry: Separation of the sexes, absolute quiet, abundance but not surfeit of food and plentiful supplies of water, grit and green food.

The Poultry Yard.

WHEN POULTRY KEEPING PAYS.

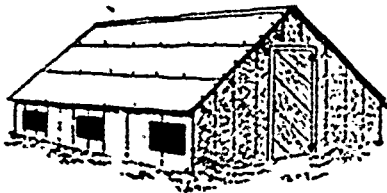
If it were possible to give flocks of 100 or 1000 the same care and attention that is given to one, there is no reason why equal returns should not be realized. Peculiar qualities are needed by those who go into poultry raising with a view to make it a life business. One, and the most important, is love for the work, a willingness to work day and night, a thorough system that no detail may be neglected, that every part of every day's duties shall be attended to promptly and at the proper time.

The location is not the most important factor, though if one can choose it, it will add materially to the chances for success as well as to the amount of profit. To be near a good market is very desirable, but in these days of quick transportation one place, specially suitable, is better, even if 100 miles from market, than one unsuitable and only 10 miles away.

To be successful one must be something of a merchant as well as a poultryman, and must keep posted on the markets for what he buys as well as for what he sells. Any turn that enables him to save on his feed bill is so much profit made at the start. It is often possible to get better prices in one market than in another and he should know it and take advantage of it.

A LOW COST POULTRY HOUSE.

This coop costs \$10 and is large enough for 12 fowls. It is built 7x10 ft in size of boards costing \$6 p M. Sides are 2 1/2 ft high and roof boards, cut 5 ft



A \$10 HENHOUSE.

long, are covered with tarred paper. The doorway in front on the south side is 20 in wide and 5 ft high. This kind of coop does well for summer and will answer during winter use. There is one great objection to it: snowblow in during winter and fowls with large combs like Leghorns or Minorcas freeze them and will not lay.—[C. H. Chester.

In Starting the Duck Business it is a question whether it is more feasible to begin with eggs or with the birds themselves. In the summer or autumn it would be better to begin with the breeding stock, but if beginning late in the season it would be better to buy the eggs. If you get any breeding birds in the spring it is generally something

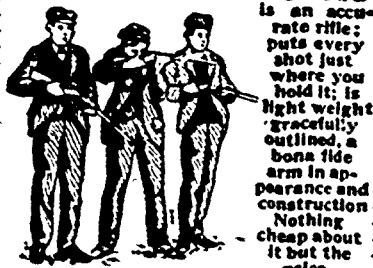
that the breeder does not care to keep for himself. It is really throwing away a source of profit to sell the birds in the spring. In the autumn you can buy your breeding birds cheaper and you can get a better quality for the same money. There are very few people who care to pay fancy prices for ducks.—[G. H. Pollard, Mass.

Queries—Neb Beginner: Where land is plentiful, an acre per 100 hens is none too much. H. H. Stoddard's book, The New Egg Farm, gives full details for a modern poultry ranch; it is sold by the Orange Judd Co of New York—W. C.: The pea comb shows three distinct rows of points, the middle row being highest. Rosecombs include more than three rows and all of nearly equal height.—N. F. M.: Langshans are classed with Asiatic breeds. They have been called superior winter layers, but with few definite records to support the claim. Eggs are light brown. This is one of the best black general purpose breeds.

Diseases and Cures—H. H. K.: Your chickens fed liberally, but kept in crops or grass land are probably stunted and of uneven growth because of a lack of grit. Move the coops or supply sharp sand. Chickens hatched this fall will molt later next year than those of the spring hatch and will make the best of summer layers, but will rest the greater part of the following winter.—L. J.: The soft, blister-like swelling on the cock's foot should be cut open and washed.—Mrs O. P. T.: A few meals of boiled rice will relieve the bowel looseness of young turkeys. Add a little red pepper for a bracer.—P. T.: Watery droppings indicate nothing worse than diarrhea caused by change of weather and dampness. See preceding reply.—H. T. T.: It will scarcely pay to doctor the common hen which has been sick so long with roup; use the ax.—N. N.: Drain the sunken floor, cover it 6 in deep with chaff and dust and signs of lameness will disappear. Do not overfeed.

NEW No. 1 PINE DOORS — At \$1.00 each — Bought at Sheriff's Sale of cash Door Factory, 10,000 NEW DOORS ranging in price from \$1.00 up. ALL SIZES. Write for complete list. Our mammoth Catalogue No. 37, on Lumber, Roofing, Pipe, Machinery, etc., from Sheriff's and Receiver's Sales, mailed free of cost. CHICAGO HOUSE WRECKING CO., West 35th and Iron Sts., CHICAGO.

Stevens' Favorite



is an accurate rifle; puts every shot just where you hold it; is light weight gracefully outlined, a bona fide arm in appearance and construction. Nothing cheap about it but the price. A rifle which does not cost much, but will do the work. Made in three calibers—22, 25, and .32 rim-fire. No. 17, Plain Open Sights, \$6.00 No. 18, Target Sights, \$8.50 Ask for the "FAVORITE." If not in stock we will send, prepaid, on receipt of price. Send stamps for our new 12-page catalogue with description of our entire line. J. STEVENS ARMS & TOOL CO., P. O. Box 1462, Chicopee Falls, Mass.

Your Nose

That is what you should breathe through—not your mouth.

But there may be times when your catarrh is so bad you can't breathe through it.

Breathing through the mouth is always bad for the lungs, and it is especially so when their delicate tissues have been weakened by the scrofulous condition of the blood on which catarrh depends.

Alfred E. Yingse, Hoernerstown, Pa., suffered from catarrh for years. His head felt bad, there was a ringing in his ears, and he could not breathe through one of his nostrils nor clear his head.

After trying several catarrh specifics from which he derived no benefit, he was completely cured, according to his own statement, by

Hood's Sarsaparilla

This great medicine radically and permanently cures catarrh by cleansing the blood and building up the whole system.

Hood's Pills are the favorite cathartic. 2c.

THE "Harrison" MILL Formerly made in New Haven, Conn., has been bought by us and added to our large line of French Burr Stone Mills for farm uses and coal grinding. If you want the best grinder made write to us for our factory prices. Every mill warranted and sent on trial. Send for Book on Mills. NORDYKE & MARMON CO., Flour Mill Builders, Estab. 1851, 29 Day Street, Indianapolis Ind.

SWAN'S STANDARD ROOFING 2 & 3PLY Can be applied by any one on steep or flat roofs. Low Price! Durable! Fireproof! If you are going to build, or have leaky shingle or tile roofs, SEND FOR SAMPLE and CIRCULAR. THE A. F. SWAN CO., 110 Nassau St., N. Y.

9 CORDS IN 10 HOURS BY ONE MAN, IN THE WOODS. Saves money and backache. Good for FREE trial, catalogue showing latest improvements and best prices. First order secured by sending 3c. to THE SAWING MACH. CO., 85 N. Jefferson St., Chicago, Ill.

DEATH TO LICE on hens and chickens 64-p. Book Free D. J. LAMBERT, Box 304, Appoquin, N. I.

2000 FERRETS. First-class stock. Some Trained. New price list free. N. A. KNAPP, Rochester, Lorain Co., O.

POULTRY SUPPLIES. Oyster shells 30¢ and 50¢ per hundred. Send for complete list. J. M. SLACK, Manufacturer, Box 118, Elizabeth, N. J.

Strong, Healthy Chicks we hatched by our incubators, and more of them than any can hatch. Why? Because our incubators never fail to keep the heat just right. Catalogues printed in a large agreeable green ink. Descriptions, illustrations and prices, and much information for poultry raisers. Send for 6 cents. THE INCUBATOR CO., Box 40, Des Moines, Ia.

EGG MAKERS would be another good name for them. DANDY GREEN BONE CUTTERS Green cut bone makes best lay double the eggs in winter and summer. Our illustrated catalogue mailed free. Straits Manufacturing Co., Box 26, Erie, Pa. Cut out, send copy

Please mention FARM AND HOME when writing to advertisers.

A PRACTICAL POULTRY BOOK One which covers every detail of the industry from the selection of the best breeds to the practical experience of others who had it would take you far more to learn. Among other things it tells about the latest improvements in the world famous White Leghorns and Bredors. Send for 10¢ to pay postage. Burtch Inc. & Bldg. Co. Box 8 - Chicago, Ill.

POULTRY LOVING WOMEN, Thousands of them are MAKING MONEY out of eggs. It's pleasant and profitable. They double the egg product by feeding Green Cut Bone and Granite Crystal Salt. MANN'S NEW BONE CUTTERS out feet, too and so easy that any woman can work them. Mann's Clover Cutters and Springing Feed Trays pay for their purchase. Cook or Importers. Send for our free illustrated catalogue. J. W. MANN CO., Box 94 - Detroit, Mich.

Business Side of Farming.

UPTURN IN DAIRY PRODUCTS.

After making a decisive fight with the middlemen, milk producers are in a fair way to secure better returns for their product. This movement to lift the price, now well under way, was inaugurated in N. E. working almost simultaneously in N. Y. and some of the other middle states and trending toward the great dairy sections of the central west.

In the territory shipping to N. Y., city producers are no less in earnest, with good chances of success in getting more remunerative prices this winter. They have taken the initiative, and beginning Oct 16 will demand slightly higher prices for all milk shipped to greater N. Y. The farmers are better prepared than ever before to handle the milk at home, providing city dealers will not pay fair prices.

Conditions in the dairy sections as a whole demand this. The hay crop of the U. S. is seven million tons short of last year, prices are higher both east and west, autumn pasturage has been generally unsatisfactory, mill feeds cost more than usual at this time of year, and with the short wheat crop in the northwest it is probable the output of bran, middlings, etc. will be below a normal. Dairy sections should avoid flooding the city markets with milk, and when the price is too low convert the same, so far as possible, into butter and cheese, thus keeping down the surplus. If the winter price of all dairy products can be lifted 10 to 15 per cent it will mean millions of dollars additional in the pockets of the farmers.

The Uncertain Apple Crop—No. in years have conditions been so irregular and reports so contradictory. What promised earlier the biggest crop on record was cut to moderate proportions by the Sept gales. October finds great activity in the orchards, buyers conservative in making bids, but a good many apples changing hands at me-

dium prices when good enough for storing. Evaporators are running at their fullest capacity in N. Y., Mich., Mo., etc. In western N. Y. windfalls at evaporators are worth 15c p 100 lbs. The market outlook for winter apples is decidedly mixed, but not at all discouraging. Much autumn fruit from the middle east is moving into the northwest; apple exports are fairly good.

Generally Active Live Stock Markets are the rule in the west and at Buffalo and Pittsburg. The cattle supply at Chicago for the year is much as in '99; prices are moderate, but not especially high, demand good, best grades selling at \$5 50@6. Country shipments of hogs are liberal, quality generally satisfactory, markets active, prices 50@75c p 100 lbs better than a year ago; light hogs are selling at a premium over heavy weights. So many sheep and lambs from the northwest are now being marketed that stockmasters of the middle and eastern states feel the competition sharply.

Late Potatoes are now being harvested and the crop as a whole is uneven. Owing to the large acreage the bulk will of course prove liberal, but in many sections the rate of yield has been unsatisfactory. The market is active at fair but not high prices.

The Hop Harvest is now practically completed. On the Pacific coast hops are of good quality and this is true as a rule in N. Y. Holders are firm in their views and generally want 15c p lb or better.

Fair Activity in Grain—Interest is divided between wheat and corn, the latter ruling active and generally firm, especially cash lots. The new crop is appearing in a small way, but will not be shipped freely until next month. Offerings of old corn are only moderate and demand good. Spring wheat in the northwest has suffered considerable damage in shock and stack by wet weather, and this has delayed threshing. The market is fairly steady and without important new feature. Russia and southeastern Europe are shipping with more freedom, this wheat competing with our own in the English market. The wheat area in Argentina to be harvested in Dec is large, but condition said to be not wholly satis-

factory. The demand for oats is about normal, rye is dull, barley shows continued firmness. Owing partly to speculative demand, flaxseed advanced sharply to \$1.61 p bu, but undertone at the high prices one of easiness.

Grapes Lack Quality—There is much complaint that grapes are faulty in color or poorly packed. Considerable quantities have been unfavorably affected by hot weather. Prices as a whole are low. At Chicago, Concord are jobbing at 8@10c p 8-lb basket, and N. Y. Delawares 10@12c p 4-lb basket.

The Heavy Broom Corn Acreage just harvested has yielded about 20,000 tons, an increase of some 1000 tons over last year. Acreage largest on record, but yield p acre only moderate. New brush is now being marketed, early bids approximating \$50 p ton.

A Firm Hay Market is the rule at Chicago, N. Y., etc. Receipts are moderate, but the demand is good.

Cold Storage Eggs are coming out and offerings affect the market for strictly fresh. The demand is purely

consumptive, largely local, shipping movement somewhat restricted. A little later more activity is expected.

The Demand for Horses at such leading markets as Chicago is fair, but not urgent. Export trade less than usual. Shipments from country liberal and plain farm horses rather dull. More animation is anticipated in early winter.

New Cranberries are appearing, but no particular demand expected until Nov.

New Beans are reaching the markets, but supply not burdensome and prices steady to firm.

The Cheese Output is fair for the time of year, but the demand is good and trade healthy.

Weather Damages Cabbage—Warm days in early Oct caused considerable loss to shippers of cabbage; market well supplied, prices rather low.

The Average Weight of Hogs marketed this fall is a little lighter than usual.

THE AMERICAN AND FOREIGN PRODUCE MARKETS AT A GLANCE

The highest quotations of wholesale prices for standard grades of farm produce in the leading markets of the world on the dates named; poorer stuff lower.

Table with columns for various produce items (Wheat, Corn, Oats, etc.) and markets (Boston, New York, Chicago, etc.).

FARM ECONOMY.

The Farmer must have good tools—labor-saving tools which will enable him to decrease the cost of production. He must buy them at economical prices. That's what we make, and that's how we sell them: labor-saving tools at economical prices. Send for catalogue and special discounts for early fall orders. All our implements are sold under a positive guarantee to be exactly as represented.

Electric Handy Wagon. This cut shows the Electric Handy Wagon, guaranteed in material and workmanship to be the equal of any high priced wagon in the world.

Make Your Old Wagon New. Our Prices are Right. Our Wheels are Guaranteed. Our principal business is making steel wheels, with straight or staggered spokes, for vehicles of all kinds, especially farm wagons.

Extra Strong Wheels. for threshing machines, log carts and machinery of all kinds. Special wheels for mowing and transplanting forest trees, and for park work where it is desired to save the turf, and for moving heavy objects.

Electric Feed Cooker. No. 1. We believe our Electric Feed Cooker No. 1 will be found superior to any other made. It has strength, durability and lightness combined.

Electric Family Grist Mill. Just what the Farmer's Wife has been looking for. With this mill you can grind your own corn meal, graham flour and whole wheat flour and be sure that it is fresh.

Tanks and Reservoirs. Our tanks and troughs for watering stock and our reservoir tanks are made of the best galvanized sheet steel, with heavy angle iron rim and cross stays, seams riveted and well soldered.

Electric Hand Corn Sheller. A handy article that every farmer should have. Will shell field, west and pop corn, large or small ears. It shells all the corn on the cob so no more sore fingers if you have an Electric Sheller.

Electric Sweep Feed Mill. We have put out this mill to meet the demands for a good mill at a fair price. It is a direct grinder and wastes no power in useless and expensive gearings.

Electric Family Grist Mill. Just what the Farmer's Wife has been looking for. With this mill you can grind your own corn meal, graham flour and whole wheat flour and be sure that it is fresh.

Electric Sweep Feed Mill. We have put out this mill to meet the demands for a good mill at a fair price. It is a direct grinder and wastes no power in useless and expensive gearings.

Send for our large descriptive catalogue and Special Discounts. We can save you money on everything in our line.

Electric Wheel Co., Box 56, Quincy, Illinois.

Feeding and Breeding.

THE COST OF PORK.

It requires 13.50 lbs of skimmilk to produce 1 lb of pork when fed with corn meal. Skimmilk could not be economically fed to fattening hogs unless it was a product which could not be otherwise utilized. It required on an average $4\frac{1}{4}$ lbs of shelled corn to produce 1 lb of pork during an average period of four weeks, or 1 bu produced 13 $\frac{1}{4}$ lbs. It required $4\frac{1}{2}$ lbs of corn meal to produce 1 lb of pork, or 1 bu of corn made into meal and fed will produce 12 $\frac{3}{4}$ lbs of pork.

When dry, shelled corn is more economical than corn meal to feed fattening hogs. One bushel of corn meal is worth 3 bu of oats as food for fattening hogs. Corn-fed pigs gained $4\frac{1}{2}$ lbs per week and ate about 21 lbs of corn per 100 lbs of live weight. Pork was produced during the corn year, with corn at 25c per bu for less than 3c per lb. Indian corn is the most economical pork-producing material during the winter months in regions where extensively grown.—[B. L. Myers.

The Best Way to Mark Chickens so as to keep a record of them and to tell their age, is with a poultry marker which cuts a small hole in the web of the foot between the toes. A small harness punch will answer. By making the marks between the different toes on each foot several combinations may be obtained. For larger fowls use leg bands.

Bee Keeping has made great strides as a science. Instead of smothering bees with sulphur to get the honey, and keeping just a couple of skeps to build up again next season, we have patent hives so that we not only get more honey and of better quality, but we save the bees, and with less trouble and labor. Honey is not the only profit obtained from keeping bees. The working of the bees over fruit blossoms in spring means a big in-

crease of fruit, besides improving its size and quality. Don't put it off. Keep at least one colony. They are harmless and easily handled and will more than repay you for the little time and trouble with their honey. They are a great benefit to all fruit crops [J. H. Denyer, Northampton Co, Pa.

Fowls for City Quarters—Probably for the space occupied and the food consumed, the bantam is the best class to keep, but some will want to have larger birds. In a small space the Cochins or Brahmas are the best. They bear confinement well, do not attempt to fly and when not overfed are a very satisfactory class. The Leghorns, Plymouth Rocks and Wyandots are too active and do not like close quarters.

Some Timely Advice—Notwithstanding all the lessons of experience, many farmers keep more stock in winter than they can properly feed. This was particularly noticeable last winter in those sections affected by drouth last summer and which resulted in a small crop of all kinds of fodder. In several sections, similar conditions now exist. Cattle and horses will eat their heads off on feed purchased at current prices, and for this reason they are too often permitted to starve. It is far better to reduce the herd to the size of the fodder stack in the fall, even if the surplus stock has to be parted with at poor prices. Cattle cannot exist long on snowballs and east wind.

Young Hogs Most Profitable—The younger the hog the easier and more rapidly will he put on flesh, according to amount of food consumed. The hog that matures earliest is most profitable. Good feeders and early maturers are the successful swine raisers' ideal. Get the best breed for these two points and keep them growing, and success is assured.—[J. L. Irwin.

Orwell, P. E. I. cheese factory made 59 tons cheese from 743 tons milk from May 21 to Aug 17 for which patrons received \$5000. Its business of last month far exceeded that of Sept. '09.

The Dairy.

HOW TO MAKE THE BEST BUTTER

Scrupulous cleanliness is the first and constant rule to be observed, therefore all utensils in the dairy must be scalded after use with hot water and rinsed afterward with cold.

Milk must never stand more than 24 hours on any account; the finest flavored butter, hence that which commands the highest price, is obtained in the leading butter making countries from cream which has ripened on the milk for 12 to 15 hours only; the second lot of cream obtained not producing, by far, anything like the first in quality.

Cream must be churned at a certain temperature, 58 degrees in summer and 61 to 62 degrees in winter, average 60 degrees. Don't rely on your sense of touch for that, but always use a proper floating glass thermometer, the temperature to be raised or lowered by the use of a temperature can.

Ventilate the churn freely during churning.

Stop churning immediately the butter comes, which is ascertained by the change of sound inside the churn; if you are in doubt, look, in other words, butter must not be churned into a lump. It ought to be in granular shape (like grains of wheat) when churning is stopped.

Draw off the buttermilk, and wash the butter in the churn with cold water, turning the churn gently two or three times, then draw off the water and replace it with a fresh lot; this operation is to be repeated until the water is drawn off as clear as when it was put in.

Remove the butter from the churn in a wooden scoop, not with the hands; put it on a butter worker and work the butter until every drop of buttermilk has left the butter. This operation is indispensable.

Shape the butter into pats with wooden utensils (scotch hands), making it a rule never to touch butter with your hands however clean they may be or appear to be.

The best practice would be to churn

daily, but as this is not always possible, let it be done twice, or better, three times a week.

In Raising the Calf, whole milk that is very rich, such as from Jerseys or Guernseys, is not suitable unless thinned. It is a safe plan to add about one-sixth hot water, 96 degrees F., with a little slaked lime about the size of a small marble added to it. Care must be exercised to see that the milk, when fed, and the water, when added, are of a uniform warmth of from 96 to 98 degrees F.—[Valancey E. Fuller, N. Y.

Care Pays—For greatest profit, don't let the cow lie outdoors over night at this chilly season. Now is the time when care pays. The care-taking dairyman will not let her stay in the pasture on wet days. A good milker cannot withstand hardships of this kind. A little care at this season will repay 100 per cent.

Provide Pure Water—By daily drinking of impure water a cow's system will become deranged, so that she is a ready subject for attack of diseases. No animal will of its own choice drink dirty, foul water if it can have access to pure water at will. Eighty-seven per cent of milk is water. Even after having passed through a natural filtering process in the cow's system, it must still contain a large amount of impurity when given off in the form of milk.—[Lewis Olsen.

Why a Separator Pays—No separator will extract all the cream from milk, and no hand separator will skim closer than to leave one-fifth of 1 (0.21) per cent in the skimmilk, yet a fair estimate of the average gain by using a separator over and above the best cold water system has been placed at 10 per cent. Some seasons of the year the separator will not be ahead, but at others it will lead by 20 per cent. Figure on 25 cows averaging, as they ought to, 250 lbs of butter each. Then a separator would increase the yearly butter production 25 lbs per cow, or 625

RIGHT AT THE TOP STAND THE Improved United States Cream Separators

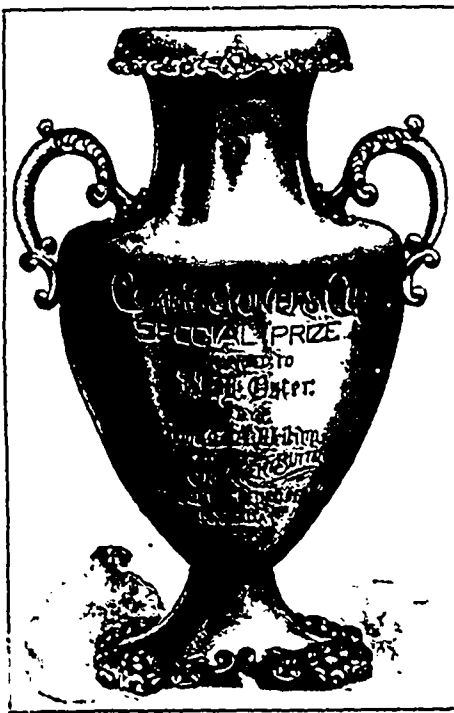
GOLD MEDAL

Awarded on Their Merits At the Paris Exposition of 1900.

This was
the

Highest Prize Awarded Any Cream Separators

Manufactured in
the United States.



Their Product Wins the Prizes
Everywhere.

New York State Fair and Dairymen's Association.

BORODINO, N. Y., Sept. 27, 1900.

My butter scored the highest at the New York State Fair this year in the Creamery tub class. I was also the winner of the Commissioner's Cup at the last meeting of the N. Y. State Dairymen's Assn. In both cases the butter was made from cream separated by the No. 0 Improved U. S. Separator. ••••

J. F. E. OSTER, Buttermaker Borodino Creamery.

Sweepstakes at Iowa State Fair.

WEST BRANCH, IA., Sept. 22, 1900.

I exhibited butter at the Iowa State Fair made from U. S. Separator cream and was awarded \$56.00 in premiums including Sweepstakes. WRIGLEY SMITH.

From the President of the American Jersey Cattle Club.

FIFTH AVENUE HOTEL, New York, June 22, 1900.

I am using two Improved U. S. Separators, one on my farm at E. Burke, Vt., and one at Ramsey's, N. J. They are entirely satisfactory and doing good work.

E. A. DARLING (Pres. A. J. C. C.)

For further information and descriptive catalogues, write the VERMONT FARM MACHINE CO., Bellows Falls, Vt.

lbs. which at 25c p lb equals \$155. The cost of a standard separator is \$125 or less. Such a machine will separate 300 lbs p hour, and would have to run about two hours per day.—[J. H. Monrad.

Don't Be Swindled—As state laws requiring an analysis of concentrated cattle foods do not include bran, middlings and mixed feeds, some dealers have placed on the market in New England low-grade goods. The only protection to the user of these goods is to purchase only such lots as are accompanied by the name of the brand and its origin, and then send a sample to the state experiment station for analysis. It seldom pays to buy goods of this class offered below the market price.

A Cheap Wind-Proof Wall—The secret of making buildings warm in cold climates is in making the walls and floors wind-proof. Good boarding, especially matched boarding, heavy building paper and shingles, or clapboards,

will, of course, make such walls, but the expense is too great for some purses. This cut shows a method of building a tight wall, and that, too, at small expense. Unmatched boards are nailed on "up-and-down," but before this is done a stout quality of red, resin-sized building paper is tacked to the frame, with edges overlapping each other. This will bring the paper flat against the inner side of the boarding, to which the edges of the paper can be tacked or battened. Over the cracks between the boards are nailed battens of uniform width. This will give a very tight and inexpensive wall—and the best of it is that old walls, through which the wind now whistles, can be thus treated, to the great comfort of the animals within.

A New Creamery should have the best apparatus on the market. The buttermaker should be an experienced man and should be consulted about the selection and arranging of the machinery and outfit. He should know better what is wanted than the directors, unless they are experienced buttermakers.

The Dairy Farmer must keep abreast with the latest information pertaining to the economic production of food, the proper combination of feeding stuffs, the best type of cattle for the branch of dairy industry in which he is engaged, the best methods of marketing the product, whether milk, butter or cheese.

Calves in Winter—An excellent way to bring up calves of 4 mos or over, is to let them run out in a barnyard to their own, with a low penned stable or lean-to, in which they can take shelter at night or in very bad weather. Let the windows face to the south and have doors opening into the yard. A long feeding trough with a hay rack can be built at the back of the lean-to, and run the full length of it. Fresh horse manure can be hauled in daily and put on the floor, which need not be planked. The horse manure will give heat to the calves at night. Permit the helpers to run out whenever they want to. You will make them strong by this process and give them a grand constitution, as well as a predisposition to resist tuberculosis.

How About Fall Grazings—At a recent meeting of the Thompson (Sullivan Co) farm and garden club, the question was raised whether it was advisable to pasture meadows in the fall. The consensus of opinion was that it is not detrimental to the growth of the coming season. This appears to me an erroneous conclusion and would like to read the opinion of F & H farmers. I cannot but think it must have a tendency to impoverish the land and reduce the value of the next crop.—[C. W. Health, N. Y.

If plenty of cold running water is available, the deep setting system will get all the cream; if not, the hand power centrifugal separator should be used to make perfect creaming. Thick cream churns far more easily than thin.

The "Hired Man" Problem.

IT'S ALL IN HIS TREATMENT.

ANOTHER PRIZE ESSAY.

My solution of the difficulties involved in this question may be expressed in two short statements: First, hire a man; second, treat him as a man. By the first I mean do not hire the first person who happens along just because he is cheap. Many a time I have paid a man \$18 p mo, when I could have got one for 12. The result was that I had a good man as long as I needed him; whereas my neighbor, who got the 12 man, either spent half his time and strength looking after his man to see that he did his work and did it right, or else he found himself minus a man at the end of the month. The dear man often proves the cheapest in the end.

By the second statement I do not mean to let your man be "boss," and you his servant. I expect my men to be ready to do what I tell them, but I do not snarl and growl at them, nor order them round like slaves. I tell them quietly and plainly what I want done and how I want it done. If my man suggests a better method of doing something than I had thought of, I am not above making use of his suggestion. I try as far as possible to keep reasonable hours. I never ask him to get up before 5 in the summer and about 6 in the winter, and except in haying or harvest, he seldom does anything after 6, unless it is to help milk. I never hire a man who won't milk, unless I cannot help myself.

If we have an extra rush at any time and my boys and I take a holiday afterwards, I always try to give my hired man one also. I seldom keep more than one man at a time, so as a rule he eats at the same table as myself and family, and usually the arrangement works all right. His bedroom is always kept as clean and comfortable as possible. I do not often have trouble with my men, when I do, I just let them go. As a rule I have found that any difficulties were easily traceable to their own temperaments and I have found men of some nationalities markedly easier to get along with than those of other nationalities.—[Thomas Meldrum, Wright Co, Que.

When Shoeing a Horse, only the outer horny rim of hoof should be trimmed down on a level with the sole of foot. Fit the shoe so the nails are driven in at the point where the outer horn and sole of foot are connected together, and not inside of it into the sole as some blacksmiths do. This will be plainly visible by a whitish line of hoof. Many blacksmiths make shoes too small for horses.—[L. O.

To Clean and Soften Harness dissolve a bar of soap in 1 qt water and boil. Add 1 pt kerosene oil, stir, beat and churn until it makes a creamy emulsion. Have a tub of warm water, into which mix the emulsion and put the harness in and let it soak some time. Then rub and brush the straps thoroughly with a stiff brush and they will come clean very readily. Let it dry a little, until it seems dry on the outside, and then apply harness oil.

Tender Feet in Horses—If you have a horse whose feet are tender and that is liable to be lame after being shod, try placing a layer of thin calfskin between hoof and shoe before nailing it on.—[Lewis Olsen, Kandiyohi Co, Minn.

Gov't Crop Comparisons—O. H. Ulsaker, N D: In the crop reports of the dept of agri, comparisons, stated in percentage, are with a "normal." This is described by the gov't statistician as a crop condition of perfect healthfulness, unimpaired by drouth, hail, insects or other injurious agency, and with such growth and development as may reasonably be looked for under these favorable conditions. A normal crop, in short, is neither deficient on the one hand nor extraordinarily heavy on the other.

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Plants and Flowers.

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THESE are one of the finest autumn flowers. They are of vigorous habit, easy culture, and produce in great profusion during a long season flowers of fine form and substance, and of bright and varied colors. As regards their culture, it may be briefly stated that they succeed in any good garden soil, but they are greatly improved by being liberally manured, and an occasional supply of liquid manure during the growing season will greatly increase the size of their trusses. When in flower they should be watered freely every evening.

The phlox usually flowers in July and August, and in order to render it autumnal flowering, it is necessary to pinch the shoots about June 1 and again in Sept. For early flowers some of the plants may be left unpinched. When 2 yrs old the finest trusses are produced. The third year the plants flower tolerably well, but they will not keep thrifty and healthy after that. The old plants should then be lifted in the fall, divided and transplanted. But the better plan is to keep up a succession of young plants from cuttings by securing a fresh collection every year. The best time to plant is in autumn.

USES OF CROCUS.

The crocus is one of the earliest and prettiest spring flowering bulbs. It thrives in almost any garden, but does best in a light, rich, damp soil, and should be planted about 3 in deep and 2 in apart. No plant is better adapted for clumps, lines, masses and beds. By judicious planting the most striking effects can be produced. Each color should be in a line or row by itself, and the colors on either side should be such as will contrast strongly with it. The clumps should consist of 6, 12 or 20, and the beds from 100 to 500 or more bulbs. For borders and edgings, the crocus is also well suited. It may be planted either in rows or clumps. If allowed to remain in the ground several years, large masses of flow will be formed. As soon as winter sets in, the beds should be covered with leaves, branches of evergreens, etc. For house culture, in pots, glasses, vases, bowls, wire, etc, the same treatment should be given as for hyacinths, and for this purpose strong bulbs of named varieties should be selected.

Pan Hyacinths—Pan or Dutch Roman hyacinths are much used in Holland for winter blooming, and can be had of some dealers here. A dozen bulbs are planted in an earthen pan and set away to make roots, being brought to the light in about six weeks. Several pans can be filled and brought out at different times, making a succession of bloom for many weeks.—[Lena Holmes.]

A Beautiful Window Display can be easily had of hyacinths in water. Make a tin box the length and width of the window sill and 4 in deep, having a loose cover of flat tin in which holes 1½ in across are cut, 3½ in apart. Fill the box with water and set a hyacinth bulb in each hole, and set away in a dark place until the roots reach the bottom of the box. Bring to the light and in a few days place it on the sill. As 8 or 10 bulbs can be placed in each box, a fine display is given.—[Marion Meade, Ill.]

Things to Do Now—Put a heavy mulch of straw or leaves around hardy perennials, biennials and shrubs, but don't smother them. Before mulching, dig in some rich, rotted cow manure for the plant to feed on next year. Prune off straggling, broken or ill-formed limbs. Tie up all that may be badly wind whipped. Exchange some rods or runners of climbing vines and shrubs with neighbors. Now is the time to do it. Make the soil deep and rich where set. Clean cut cold frames and hotbeds, if they are not in use, and get them ready for starting in early spring. It is better to do these things now than during the rush of spring work.

When a plant ceases to grow, examine for insects and water sparingly.

Orchard and Berry Patch.

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Secure better transportation facilities and lower rates.

Purchase fertilizer crates, spraying goods and other necessities at wholesale prices and furnish the same to members at net cost.

Collect and disseminate among members statistical and technical information calculated to increase the profits of fruit growing.—[Prof Gerald McCarthy, N. C.]

THE ATLAS BERRY.

This is a seedling of the Logan berry and possesses all the good qualities of the parent to an intense degree. It is vastly superior to its parent in size, the fruit averaging 2 in long and 1 in in diameter. Added to this, its productiveness is marvelous, yielding one-half more fruit than the Logan berry. The fruit is highly and brilliantly colored, varying from a rose red to a deep lustrous purple black. It is firm, a splendid snapper. Ripens with the earliest raspberry, and continues in fruiting for two months. Two-year vines will average 20 qts of fruit to a plant, and as the plant grows older the yield is proportionate. Vines should be trellised to give best results. Never cut them back, but allow the canes to grow as long as they will. Old bearing wood should be removed as soon as the fruit has all been picked.—[S. L. Watkins, Eldorado Co, Cal.]

Russian Fruits Disappointing—Of many varieties of apples, pears, plums and cherries, of Russian origin, planted on the farm of the Ind exper sta in '86, many have fruited, some several years. The trees are hardy, but not a single variety has proved to be a good winter keeper.—[Prof James Troop.]

That Obnoxious Corner of weeds, stones and trash, so unsightly, can be made to blossom as the rose, become a thing of beauty and yield a bountiful harvest of fruit. Set some blackberry vines and let them run. Dump on several wheelbarrow loads of chips from the wood pile as a mulch; they will retain moisture and when rotting make good fertilizer.

Stunted Nursery Stock—The great drouth of the past summer and fall has seriously interfered with the growth of nursery stock. Already a shortage for winter and spring orders is reported of really first-class stock. There will be much stunted and inferior stock this year, but plenty of agent rogues to sell "first-class goods" from elegantly illustrated catalogs.

Mulch the Plants—All small fruit plants, such as strawberries, raspberries, gooseberries and currants, are the better for a mulching at this time of the year. The same may be said of all newly set trees that have not had a good opportunity of getting well established. Old wheat straw and forest leaves are good material for mulching.

Box Irrigation is an experiment to be tried in Idaho next summer. At the foot of each tree a 10 gal water box will be placed which will be filled every two weeks during the dry season until the tree is 5 yrs old. The soil will be cultivated thoroughly and three times as deep as usual. The experimenters claim that fruit raised with a dry surface is far superior to that raised with surface watering.

House plants to do well in winter must have all the light possible, plenty of water and an even and not too high temperature.

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The Garden.

PEPPERMINT CROP SMALL.

The acreage under peppermint is much smaller this year than usual, and in many sections the growing of this crop has been entirely abandoned. Where sugar beets can be profitably grown, they are displacing peppermint, as weather conditions do not affect them so readily, and the demand where a factory is within shipping distance is more uniform. The greater part of this year's crop is in Mich. New York growers are turning their attention to other crops, while the people in Ind have concluded that there is no money in peppermint when the oil does not sell much above 60¢@75¢ p lb. In St Joseph Co, Mich, this year's crop is in excellent condition, although the acreage is small. Kalamazoo Co reports the plant doing well, but the dull market will next year greatly decrease the present acreage. Only a few are making plans to grow mint again. There is only one grower in Elkhart Co, Ind, and in Wayne Co, N Y, the acreage is scarcely worth mentioning.

Prolonging the Tomato Season—A pound at Christmas will often bring as much as a bushel during Sept. Before frosts, gather all fruits that show the glistening skin of partial maturity and grade them according to ripeness, the almost ripe being kept separate from those less mature. These different grades are then stored where they will always be cold, but can never freeze. We make sliding shelves in dry goods boxes, which we provide with tight doors, and use these for laying the tomatoes upon. The shelves are provided with ¼ in strips of pine at the sides and ends to prevent fruits rolling off when a tray is withdrawn. One of the cupboards is kept in a warm room where the air is not too dry and is used for ripening the fruit, which requires from 5 to 15 days, according to stage of ripeness of the fruit when put in. The temperature also influences the rapidity of ripening. Contrary to expectations, we get best results when fruit is ripened in the dark.—[M. G. Kains.]

Best Popcorn—An extensive manufacturer of popcorn products told me that certain sorts, particularly the eight-rowed flint varieties, were not worth one-third as much in the manufacture of snowflake, brick and balls as the White Rice sorts, the rice popcorn being crisper, sweeter and popping into much greater bulk.—[J. C. Suffern, Ill.]

Don't try to winter more plants than you have room for; a few choice plants will give far more satisfaction than a lot of scrubs.

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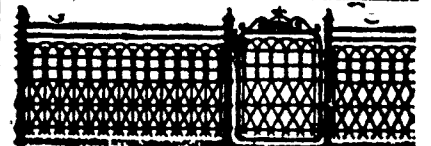
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ject to the mortgage. I made each payment as it came due and in 3 yrs I had it paid for. I then began saving to build a grain barn, which I built 32x44, but afterward enlarged. Bought a pair of horses, cut timber and sold the wood; cleared the land on both places. Had wood enough by this time, so began to hire by the month. Saved to build a house, which was put up in '74. It cost, outside of my work, \$1500. Without any money in hand I again bought another 40 adjoining me on the east, of my brother, gave a secur-

ity without mortgaging the home. Met all payments when due. Land at this time was very high. It took longer time to pay for it, as I must have more tools to do with. In '80 I was clear from debt. I never had the land good to want all that joined me. I had all I cared for now.

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I always managed to have the money for large bills as they came due from some large sale, such as a herd of fat cattle, flock of sheep or a quantity of wheat. Eggs and butter met every-day demands. I keep all the stock a farm of 130 a will carry. I have a lovely home, which is free from debt. I credit all my success to honest dealing, looking after everything myself, keeping all tools, wagons and buggies under cover when not in use, having a place for everything and everything in its place, and first of all, never doing anything without first consulting my wife.—[Philo Street, Genesee Co., Mich.]

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Canadian Farm Affairs.

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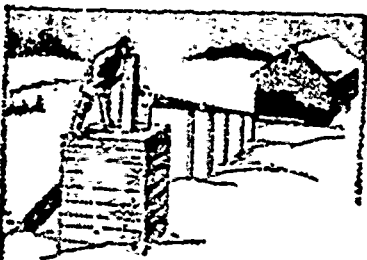
WITH the great shortage in the hay crop and mill feeds selling very high, dairy and stockmen will this winter welcome anything to help out. Next to hay, corn fodder is the crop of the country in universal use for roughage. Next to ensilage as being the most satisfactory way of feeding corn, the shredded stalks are in high favor. All the stalk is consumed in the form of a rich, palatable fodder, none is wasted and the manure resulting is most easily hauled, not being filled with long, tough stalks.

Corn shredders have been on the market several years, have been perfected so they can be easily and safely handled and all users of shredded corn are loud in their praise of it as a food. One of the greatest things to learn about shredded fodder is how to feed it. Farmers are sure to waste much valuable feed unless they size up each animal's capacity. This throwing in with a scoop, regardless of individuality, cannot be successfully done. Some cows require only 1 bu at a feed, while others require 1 1/2 or even 2 bu. When the capacity of each animal has been gauged and is fed accordingly but few feeds are better liked or relished.

Corn fodder must be in just the right condition for shredding or it will not keep. Of course the material when shredded must be perfectly dry and be kept dry. If wet, it will soon become musty, sour and spoil. Some feeders claim if the stalks are too dry the shredded material will break up when handled and will be very hard to pack away in the mow. When shredders were first placed on the market they were clumsy, very expensive and the work carried out comparatively small. Many a man lost a half or an arm in feeding the machine. But the improved devices now on shredders include self-feeders and increased capacity up to 250 bu p day. There is now no more danger in running a shredder than other farm machines. Prices too, are now more in proportion to the output of the machine. Some feeders claim a shredder will pay for itself in 2 yrs. With a season of short hay and fodder crops it will certainly pay to look into the value of a corn shredding machine.

WATERING MADE EASY.

In cold, windy weather, watering the live stock is often hard, disagreeable work. Where the pump is within a reasonable distance of the barn, a platform



A WINTER WATERING DEVICE.

may be built over the well and the pump carried upon it. An open wood trough or metal pipe may be used, as illustrated for conveying water from well to animals. Water will thus run down hill much easier than it can be carried during winter. If a trough runs lengthwise of the feed shed, whether for cattle, horses, sheep or swine, the water may be pumped over the troughs directly into the drinking tank or trough. Pack the outside of pump to prevent freezing.

METHODS THAT PAY IN N W T

The best kind of farming in southern Alberta is a mixed husbandry. The most profit is not derived from going into any one thing as a speciality, such as grain raising alone, or keeping cattle, but a judicious mixture of the several products of the country. In any speciality farming in this country, a farmer is liable to lose owing to climatic conditions and markets, where he would not lose so heavily were he raising crops and stock of all kinds. The grain growing farmer may do well for a few years. Oats are the most general crop raised here, which sells at 20c p

bu and average 40 bu p a which allows a substantial margin of profit, but after 4 or 5 yrs cropping, the yield drops way down. There is no profit in oats raising on a yield of 15 to 20 bu p a. The farmer raising cattle alone loses in the same manner by only being enabled to use as a marketable commodity one part of his labor.

The farmer who grows a certain amount of grain, keeps cattle, hogs, etc. can use the by products of his labor from one field in another. If he crops 40 a to oats, 5 to turnips and 5 to other roots and garden truck, he can profitably keep 10 milking cows, two brood sows and a flock of hens. We cut all our hay in this country in the natural sloughs which abound. By the use of barnyard manure the land may be improved so as to average 50 to 60 bu oats p a, which will give 2000 bu for one crop, of which the farmer sells 1000, netting \$200. The other he feeds in the form of chop with the oat straw and wild hay to cattle, horses, etc. Then \$300 worth of dairy products can be sold annually from the cows, and five or six steers can be fattened, which will average \$35 each. The hens and hogs will probably make enough to keep the house in groceries. - [Alfred G. Tate.

P E I's Interprovincial Fair at Charlottetown, Sept 25-28, was the first since '97 and the first open for entries to the maritime provinces. The exhibit of general farm produce, and especially of fruit, was a surprise as to its high quality. The number and quality of stock shown were most commendable. The premiums amounted to over \$6000.

Nova Scotia--The farming of Colchester Co is mixed in every sense of the word. The soil is a mountain mixture with steep and sloping surface, also light soil and low, flat land with heavy clay loam in many places. A variety of grains are raised, such as oats, barley and buckwheat; also potatoes, turnips and a variety of other roots. All the above are frequently found on one farm. All kinds of stock are kept. Twenty years ago, on land just cleared of forests, crops of grain and roots were of large size and fine quality. After years of constant cropping and the application of but little manure or fertilizers, crops average much less than formerly. Wooded lands are now well cut over and rather than increasing the acreage of tillage land, intensive methods must prevail in the future.

The Huntingdon Co (Que) Fair, Sept 13 and 14, was well patronized in spite of cloudiness and weather being a little too cold for pleasure. The exhibits of all kinds of stock were large and of excellent quality. The horses shown consisted largely of Clydesdales of a fine stamp and style. The carriage horses shown also had considerable Clydesdale blood in them and more of a general purpose horse than driver. The cattle shown were chiefly dairy breeds, consisting mostly of Ayrshires and Holsteins, with a few Jerseys and Devons. The cattle were all of the finest class of high grade stock. The swine and sheep showing was all of improved stock of the choicest kinds. The exhibit of vegetables and fruit included a great many kinds. The fair all through proved a success and gave visitors an opportunity of renewing old acquaintances and seeing fine animals. - [Donald P. McFarlane.

Manitoba--The year of 1903 has been a record-breaking one in Manitoba regarding disagreeable weather for grain growing. The long-continued drought in May and June caused the grain great delay in growth until the heavy rains in July gave it a good start and everything indicated over half an average yield. But in various parts of the province during the first two weeks of Sept, weather was very discouraging to farmers. Aug 25 a terrific rain and wind storm visited the western and southwestern part of Manitoba and the eastern portion of Assiniboia, doing an immense amount of damage both to buildings and crops. Its equal has never been witnessed in western Canada. All the grain in the path of the storm was laid lower than if a land roller had been passed over it. In many cases the wind blew so strong as to move solid brick blocks a consider-

able distance. There are but few parts of the province that have not had very bad weather. The parts that escaped the tornado were in most cases visited by hail and continued rain storms, doing a great deal of damage to and preventing the cutting of grain. From July 1 until the recent disagreeable weather prospects for a fair crop were very good but since then the fields have turned and thousands of

bushels of grain have rotted in the stook, leaving the majority of farmers in Manitoba poorly provided for the coming winter. - [T. B. Malone.

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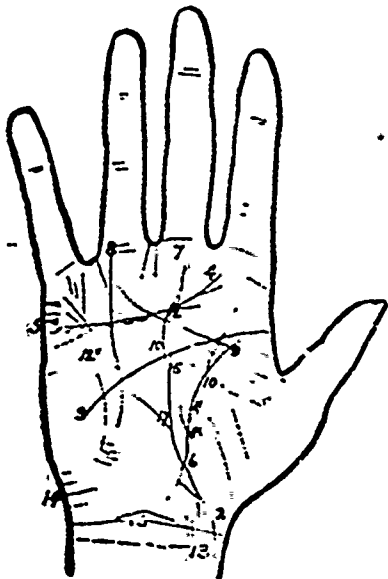
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line (1-2) makes your success dependent upon your surroundings. Your family will let your ambition answer for theirs, although your ideas may be scoffed at. You will be a progressive thinker, and unless with a firm thumb, may find yourself skeptical on every subject, but more especially upon religion. If a wide space between the head and heart lines presents itself, you will be broad and liberal in your views, but if the space narrows between head and heart, you will only be able to progress for a short time, then becoming satisfied with your own ideas, think every one crazy that would want to go beyond.

You will be intuitive or sensitive with the head and life lines joining, and with the mount of Venus (around the thumb) developed, feel others' woes more keenly than those coming directly to self, excepting deceit. If your heart line is anything like 4-5, you will suffer through loving too deeply, as this person would about 23 years of age, and again at 35 (Lines 9 and 10), although both sorrows would originate in different ways. That shown



The figure "1" omitted in the picture, should be placed at the end of the long line "3," above the thumb. The heart line in this hand is 4-5, the head line 1-3, the life line 1-2, and the fate line 6-7. The head and life lines join at 1. The mount of Venus is the space between the thumb and the life line. The mount of the moon is the large space opposite, about where "14" is. The mount of Saturn is at the foot of the second or longest finger, and Jupiter at the bottom of the first finger, next the thumb. It should be noticed that age on the fate line (6-7) begins to be counted from 6, and that on the life line (1-2) begins its reckoning from 1.

at Line 9 would wound pride as well as heart, through loss of money coming through a loved one; that shown at Line 10, through the way the one loved would treat the subject, after doing so much for him. So that from 35 to 39 the two would not live happily together. Then (where the fate line splits), death releases the subject from this care, at 39, leaving him or her in a nervous condition (rays on the mount of the moon).

After a journey making a complete change and rest, the person would start life anew and be very much happier the rest of his or her life. The fate line (6-7) going on after the split, so clear upon Saturn, turning toward Jupiter, with the sun line (5), gives power to rise to any height the owner wishes. The sun line (5), being so clear and strong, shows a remarkably bright talented person who, when the fetters are taken from the heart line, will shine brightly. The persons possessing this fate line (6-7) with the sun line (5) will pride themselves on their attainments. They will always be fine financiers, and though they may meet with losses, will be able to build up out of losses as long as the sun or fate line does not entirely break. By following these lines you will see a successful hand in everything but marriage, yet three strong lines under the little finger indicate three marriages to come in this person's life, with three children by the first marriage before 23. As to health, the strong, unbroken life line indicates especially robust health.

The nervous conditions from 31

to 40 probably would lead up to a severe illness of a (12) typhoid nature, coming at 46. The life line being clear at 46 gives recovery, and should carry subject into the 80's, never to grow old in appearance. Travel by land (13) is more strongly marked than by water (14), that must come after 40 years rather than earlier. A change of residence is marked at 23 years (6) and at 15, the 34th year. Aside from those years the life would be spent very near place of birth, property interests tying the person down considerably (16),—at the 27th year accession of money (17), and again at 41 (18), both inheritances. With a hand like this you should not worry much, being able to surmount the most of trials likely to assail you. [Minerva.

Handy Methods.

HOW TO BLACKEN A STOVE.

Before the stoves are set in place for winter use, the chimneys should be thoroughly cleaned and carefully examined, and if any defects are found they should be repaired. In blackening a stove the first thing is to properly clean the stove before applying the blacking. Remove the nickel work and mica. With an old broom brush off the dust and as much of the old blacking as will brush off. Grease spots should be washed off with kerosene. If there are any rust spots rub them well with sweet oil and then with kerosene; in case of a very obstinate spot allow the sweet oil to remain on the stove for a day or two. If the old mica is to be used again, wash it with diluted vinegar. Brighten the nickel by rubbing it with a mixture of five parts whiting and one part cream tartar sifted together. If the nickel is old or will not polish easily dip a flannel cloth in ammonia, then in the whiting and rub the nickel vigorously. Sifted hard coal ashes is also good to clean nickel. The old-fashioned blacking will prove very satisfactory. Pulverize it and mix it with cold coffee, then add six or seven drops of turpentine. The turpentine gives a beautiful luster. The objectionable odor that it produces will soon pass off. If the stove is warm, not hot, it will polish easily. Use plenty of blacking. Common stovepipe is blackened the same as the stove. Russia pipe may be brightened to look like new by rubbing it with a soft flannel cloth, dampened in boiled linseed oil; then polish with a dry flannel cloth. Apply the oil to a small portion of the pipe at a time, and rub vigorously until bright and shiny before applying more oil.—[Mary B. Keech.

Hard Soap—Boll together 3 lbs un-slaked lime, 6 lbs sal soda, 6 gals soft water, 1 lb gum ammonia, 1 lb gum borax, until the gum dissolves, then let the lime settle. Drain, remove the dregs, pour back the liquid, with 6 lbs tallow and 2-3 lb (scant) of resin, 1/2 cup turpentine, 1 oz pure alcohol, 1/2 cup salt. Boll till thick.—[White Ribbon.

To Keep Plants warm in your windows take a piece of strong cloth as long as your window is wide and 3 1/2 inches wide, sew it up like a bag, then fill (not too full) with sand and sew the end securely. You can flatten this out and lay it over the crack between the sash where the fastenings come. It may interfere so that you will be obliged to make it in two pieces. Made on a larger scale they are nice to lay at doors to keep out the cold.—[J. M. Cooley.

Strong Lard—To render it fresh and sweet put the lard in a deep kettle, being careful not to fill too full, as it boils over easily. Slice two or three potatoes and put in the lard and boil about 20 minutes over a slow fire. Skim and pour in a clean vessel. The same potatoes will do for two or three kettles.—[Lizzie Mowen.

Varnish is the best remedy for bugs in the bedsteads. Ten cents' worth is enough for one bedstead. Apply with a soft brush.—[A. R. A.

Inquiring Friends—Mrs B. varnish your bed carefully to keep free from bedbugs, and keep it away from the wall.—C. S. N., there is no charge

for membership to the Council.—T. S. Mrs Lucas, in her walnut recipes, probably meant those nuts which grow on hickory trees and are spoken of in many sections as walnuts. English and black walnuts are usually spoken of as such.

If you wish to test the quality of coffee, put a spoonful gently on the top of a glass of water. In case it is pure it will not sink for several minutes, and will scarcely color the water, but if chicory is mixed with it, it will sink at once to the bottom of the glass, rapidly absorbing the water and giving the water a dark, reddish tinge.

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Young America.

FROM OUR YOUNG AMERICANS.

A "Collector"—The old folks are having a jolly time at present, it seems, from their letters. I am 15 years old and live in the country. I like to read. I am not extra fond of music, but play some for my own amusement. How many of the Y A's are stamp collectors? I am and I also love to collect stones and specimens of all descriptions. [Lily of Missouri.]

Discouragement—There are many times that we think we have reason to feel discouraged and downcast because everything seems to go against us in so many things. Still, I think that when we have reached the age of young men and women, then we will see that in many cases it was a greater advantage to us than it was a disadvantage. [A Rosebud.]

A Young Farmer—I am a farmer boy and I live on a farm of 310 acres. We keep Shorthorn cattle, 10 red cows and 1 thoroughbred Shorthorn bull. We have 83 young pigs and 16 old sows, and intend to keep about 25 sows for next year. Most of the corn around this country is a good crop this year. Straw is short and there is no fall wheat whatever.—[Loison P. Munna.]

Goats—I am 15 years old and have four brothers and five sisters. My oldest sister is a subscriber to Farm and Home. We live in the country and my father has a sawmill; he has had it about 15 years. My sister's and I often go bathing in the mill dam. I learned to swim last summer. It is lots of fun. My oldest brother has over 150 goats. They are my favorite animals. I have read Uncle Tom's Cabin and Louisa Alcott's books, too, but my favorite author is Amelia Barr.—[Peggy, Oregon.]

Invited Out—My home is on a lovely farm by the side of a beautiful river. I enjoy myself very well in summer, but in winter it is rather lonesome. I read quite a lot for pastime. How many of you ever read any of the Evans-Wilson books? I read St Elmo and Infelice last winter and they are the most interesting books I have ever read. I would like to have the Y A's idea. Do you think a girl of 14 is too young to go out in company with other boys and girls? I have received several invitations lately, and I find that if I do go with them, I enjoy myself so well that I think I must accept every time I am invited, and would, too, but quite a number of people around here think I am too young. What would you do, would you accept or wait a few years till you'd get older?—[Mamie, Ontario.]

Nell—I am in the fourth grade and like to go to school. I have a hen that has 13 little chickens. The old hen is yellow and not very big and she will eat from my hand. I have five little pet kittens. One of my schoolmates gave me a little colt three years ago, and it is a pony now. Her name is Nell. I am going to learn how to ride some time. The girl's name that gave Nell to me is Carrie M. Martin.—[Mary Wurst, Idaho.]

As Well Off—Nobody's Darling, don't you think you are as well off without any beaux? I intend to be an old maid. I like Longfellow's poems, but have not read very many of them. Have read Uncle Tom's Cabin and think it fine. Eva Claborn, I think we would do for sisters, for I would rather dance, ride or read than do anything else. I don't care much for visiting. I am going to stop now before I make you all tired. [Sarah Adams, Washington.]

Silly—I am the youngest of four children, having three brothers. My favorite author is Mrs. Holmes. I think it is silly to be thick with the boys, as many girls are. I have a pony, piano and a bicycle. I go to school and like it very much. My favorite study is history. I am a girl of 12, weighing 60 lbs, so you can see how big I am.—[Little Gypsy.]

Piano and Wheel—Have you room for a stranger? Not quite a stranger either, for I know you, though you don't know me. I am 13 years old, and am in the seventh grade at school. My

father keeps a telephone office, and the office and our rooms are in the upper story of a large building. I have a piano and a wheel. I would like to be an author, artist or actress. My favorite author is Louisa M. Alcott. I have read but little poetry. I have The Language and Poetry of Flowers, and Evangeline. Lester, your poem was all right. How many of the "brethren and sisters" have read the Pilots of Pomona?—[Fern Gale, Missouri.]

Wheels—My father has taken F & H for 10 years. I live on a farm and like farm life better than city life. I have a wheel. I rode 100 miles one day. I have a saddle horse, but sometimes I like to ride in a carriage with my teacher. I can row, so I go boat riding some evenings. After a hard day's work it rests me.—[Max.]

I have a wheel. I just got it this year. I like it very well. Papa hasn't taken F & H a year yet. I like to read the letters very much. I like to read books, too.—[Beauty (Fourteen), Pennsylvania.]

I have read all the Y A's letters in F & H and find them interesting. I have never written before, so I thought I would "pipe up my voice." I also have a wheel that I love to spin on. Hurrah! I've graduated, and I'm proud over my diploma.—[California Clodhopper.]

By the Ocean—How many of you have been to the Pacific ocean? This summer papa, mamma and I went to Albany, Ore, to visit relatives, and while there we went to Yaquina bay to spend a week. There were 10 in our party, my papa and mamma, my two cousins and their papa and mamma and mamma's uncle, aunt and father. One of my cousins was a little girl about my age and the other was a little boy a little over a year old. Levern and Eddie were their names. While there we visited Seal rock and the lighthouse at Yaquina head, and had a fine time. Every day we went fishing or hunting pretty shells, pebbles and agates along the beach. We found lots of nice shells and pebbles, and papa found two moss agates and one mottled agate; the latter he had polished for a watch charm and one of the former for a stick pin for my sister, who remained at home. One evening Levern and I went out wading in the ocean when the tide was going out and we had lots of fun. The next day after July 4 we started for Albany and after a few more days of visiting there, we started for Iowa, our own home.—[Tired Polly (Ten).]

Little Friends—We live on a farm in Waddington. I have a father, mother and one brother. I go to school every day and my teacher's name is Laura McDowell. My Sunday school teacher's name is Anna Clark. We have 75 hens, 27 turkeys, 90 chickens, eight sheep, 11 cows and four horses. Our factory is on our farm. We have a horse that I can drive and my brother has a wheel. At our school we have six pupils and we have a nice time. We have taken F & H two years and I like to read the little letters. My brother's name is Frank. He is 18 and is 6 ft 2 in in sock feet.—[Carmalea Brown (Eleven), New York.]

I have two brothers and four sisters and the youngest is just a beautiful little sister two weeks and four days old. We live on a farm. Our nearest town is seven miles. I and my brother sent for a 22-caliber rim fire rifle which we like very much. We have had F & H for four years and like it very well. [F. W. L. (Fourteen), Neb.]

I live on a farm of 200 acres. I go to school when it keeps. When it was out we had a picnic in papa's grove. We spoke pieces and sang and had a lovely time. I got a prize for going every day.—[Pearl (Ten).]

I rode six miles this summer to school on my pinto pony. I have a pug dog and his name is Punch. He will catch ball and play bear. I traveled 1700 miles in a covered wagon. This is not the land of my birth, but the land of my adoption and I'm contented.—[Master Claude (Twelve), Canada.]

I have four brothers, two sisters, three dolls and a cat. I live in the country. We have an organ and I can play on it. My two sisters are taking music lessons this year and I am going to take next summer. I picked blackberries every day to get my doll a dress.—[Mamma's Pet, Illinois.]

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SUPPER DISHES.

My plan is usually to let the remnants of the dinner suggest something for supper and that, together with something especially prepared during the forenoon baking and stewing, may constitute a meal. "Oh!" someone says, "my husband won't eat cold or warmed over victuals in any form."

There are not many things that are very appetizing when warmed over in the form they were originally cooked in, but we will turn a few things into a different shape and see if they are not good.

Suppose there is some roast beef left from dinner. This of course is good simply sliced off cold for supper, but to have a change slice very thin and have a frying pan on the stove with some butter in it smoking hot, lay in the slices, sprinkle with pepper and let them only attain a delicate brown color; this should be prepared the last thing before the meal is to be served, and is nice for supper or breakfast.

My favorite way of making it is simple, and I like it because it is made without potatoes, onions, etc. Cut off the beef into small pieces, then chop very fine with a chopping knife, pour enough water over it to extract the substance of the beef, and set it on the stove to simmer, season to suit taste, if not rich enough add butter; make a gravy by beating up some flour in cream and stir it. This excels any hash I ever tried, for the fineness causes the juices to become equalized through the mixture.

One way of making use of cold baked potatoes is to peel, slice thin and drop them into hot fat, season with salt and pepper and fry a nice brown. Another way is to slice thin and put in a vessel containing hot butter, season and let them become slightly browned, and add some cream or milk and let it cook till the gravy is thick. A similar way is to chop them fine, season with butter and cream, salt and pepper, and set in the oven to simmer till the gravy thickens. Dishes prepared from baked potatoes have a peculiar delicious flavor that can be had in no other form.

Fall and winter evenings when getting supper it is nice to prepare a kettle of mush to have to fry for breakfast, but mush that is poorly made and not done is unfit for eating. Pour the amount of water required into a kettle, salt it and cover till it boils, sift the meal and, armed with a long handled spoon or paddle, and a glove on the hand you stir with, begin thus: Take up a handful of meal and slowly sprinkle it through the fingers, stirring continually, and keep the water boiling; keep on in this way till the mixture is quite thick, then larger quantities of meal may be put in. There will be no lumps in the way. When thick enough set the kettle on the back of the stove and cook slowly a long time, perhaps three-quarters of an hour, stirring occasionally. If desired for frying pour it into a milk pan or some vessel till morning, when it may be sliced for use.—[Brown Eyes.

FRUIT DRINKS TO KEEP.

Blackberry Vinegar: Put 2 qts of fresh, ripe blackberries into a stone jar, and pour over 1 qt best elder vinegar. Cover closely, let stand for two days, then drain off the vinegar without mashing the berries, pour over 2 qts fresh berries, let stand two days again, then strain through a coarse cotton bag, pressing it well to extract the juice thoroughly. Measure, and to every pint of juice add 1 lb sugar. Let simmer for five minutes, skim well, and set aside to get cold. Put into pint bottles, cork tightly, and keep in a dry, cool cellar. One or two tablespoons in a glass of cold water makes a delightfully refreshing drink.

Lemon-Ginger Beer: Boil 1/2 oz bruised ginger root in 1 pt water for 1/2 hour. Add 1 1/2 lbs granulated sugar, 1/4 teaspoon lemon juice, 1 oz strained honey, 1 qt water. Strain and add 1/2 teaspoon extract of pineapple. Let it stand four days in a dry, cold pantry, then put in pint bottles, cork tightly. It will keep for months, and is most delicious.

Lemon Shrub: Select 6 plump, juicy

lemons, pare off the thin yellow rind. Squeeze and strain the juice from the lemons, add yellow rinds, 1 qt best elder vinegar, and 2 pts granulated sugar. Let come to boiling point but do not allow it to boil. Bottle, and cork tightly. Keep in a dry, cool place.

Pineapple Shrub: Grate fine, ripe, juicy pineapples, cover with vinegar and let stand, closely covered, for two days. Strain through a coarse cotton bag, and press out all the juice. For each pint of juice allow 1 lb granulated sugar. Let boil gently for five minutes, skim well, and when cold, put into pint bottles, and cork tightly. Keep in a cold dry cellar.—[S. M.

THE STAFF OF LIFE.

Southern Egg Bread: Two cups yellow Indian meal, 1 cup white Indian meal, 1 tablespoon melted butter, 3 eggs, 3 cups lukewarm milk, 3 teaspoons baking powder, 1/2 teaspoon salt. Beat the eggs and add them to the milk, then add butter, meal, baking powder and salt. Put in shallow greased pan, bake in a quick oven 30 minutes and serve hot with butter and syrup.—[A. R. Annable.

Corn Meal Bread: Two cups corn meal, 2 cups sour cream, 1/2 teaspoon soda, 1 tablespoon butter, 2 eggs and 1/2 cup cold rice. Heat the cream and with it scald the meal, add other ingredients. Make into loaves and bake in a hot oven.—[L. M.

Cream Biscuit: Sift together 1 qt flour and 7 heaping teaspoons baking powder, work in 1 tablespoon lard and 1/2 teaspoon salt, add 1 teacup cream and beat to a stiff dough. Roll out three-fourths of an inch thick, cut and bake in a quick oven.—[R. R.

TWO DELICIOUS SHORTCAKES.

Everybody cannot make delicious shortcake, simply from lack of a reliable crust recipe. The following recipe has been tested many times with happy results. It will serve generously six people. If a larger cake is desired double recipe. One pt flour, 1 1/2 teaspoons baking powder, 2 tablespoons sugar, 1/2 tablespoon salt. Add equal parts butter and lard, 1 tablespoon of each, 1/2 pt sweet milk, 1 egg well beaten; mix. Wet the flour with this and mix to a soft dough. Butter well a square tin, if you have one. Divide the

dough, putting half into the tin, having rolled it lightly to size of pan. Spread well with butter, then roll out the other half, placing in another pan. Bake in a quick oven 30 minutes watching that it does not burn. When you take the pans out place them on dampened towels for 10 minutes or so. This will prevent the crusts from breaking or even sticking. Place one layer on a platter and stud it thickly with berries. I have found it better to halve the berries when large. Sprinkle the berries with powdered sugar, then place the other layer on top, covering it also with berries and sugar. It is very decorative to surround the shortcake with large whole berries. Serve with whipped cream.

Shortcake No 2 is prepared the same as regards crust. Select a ripe pineapple, shred it with a fork. Spread one layer with the pineapple, sprinkling generously with powdered sugar. The top layer is covered with berries and sugared. For sauce, beat stiff whites of 2 eggs, add powdered sugar to make creamy and whatever juice of pineapple there is and one cup each of shredded pineapple and mashed berries. [Percy Fielding.

A Choice Vegetable Course—Scald and peel ripe tomatoes, and having sliced them, toss them in oil, vinegar, salt and pepper. Treat in the same way a cold cooked cauliflower, breaking it up in neat pieces. Put a layer of the tomatoes in a salad bowl, and sprinkle well with fine baked bread crumbs, finely minced parsley, chives or shallot and sour apples. Cover this with a layer of cauliflower similarly treated, and continue the layers until the dish is full. Serve garnished with sardines, well whipped and boned, and little tufts of watercress. This is very nice served as a special course, with rolls or biscuits.—[S. O. F.

Bran Gems—Of sweet milk 1 1/2 pints, 1 pint bran, 1 1/2 pints flour, 1 tablespoon shortening, 1 tablespoon sugar, 2 teaspoons baking powder, 1 egg. Sour milk and soda may be used in place of sweet milk and baking powder. Bake in gem pans in a quick oven.—[Mrs John Yates.

Soak Lamp Wicks in vinegar and dry well. This prevents their smoking.—[A. R. A.

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5 prizes watches 10.00
50 prizes worth one dollar each 50.00
100 prizes worth fifty cents each 50.00
178 prizes worth \$100.00

THE EDITOR'S TRIP.

I made an extended trip this summer and I am going to tell you where I went, but in a way that will set you to studying your geography and dictionary.

I started from Springfield, Mass. and went first to (the European pole cat, and a borough), a city in Massachusetts, and from there to (to talk foolishly and a natural elevation of land) also in Mass. Then I went up into Vermont, visiting (the lobe of the ear, a kind of fish, and 2000 pounds) and (RYE WART UH). In New Hampshire I visited the cities of (to learn and 128 cubic feet) and (AN HER STEEM), after which I went up into Maine and visited (to carry and to disembark) and (a Hebrew measure). I then went across into New York state stopping at (a fish and brown) and (a he p or pile, the hook, and 2000 pounds). From there I went down into Pennsylvania, stopping at (REED) and (public recital). From there to (NAMED C), New Jersey, and I also visited (one of the queens of England) in the same state. Then to Maryland, where I stopped at (R TO BLAME) and (to embarrass and to capture). Then I went into Virginia, stopping at (to inflict punishment with at the form of law, and a borough), and (NOD MARCH). From there I went to (a young) West Virginia, and after stopping there a short time went over into Kentucky, where I stopped at (NOT NOVIC) and also at (LIVELY SOUL). From here I went to Tennessee, where I visited (VAIN SHELL) and (KILL VONEN). Then I went to Georgia, stopping at (a genus of small, glassy, heteropod mollusks found swimming at the surface in mid-ocean), and from there to (WINE C B R U S K). In the same state, where I took a steamer and sailed for (to make a passageway from one bank to another, and a kind of wine) in Connecticut, from which place I went directly home.

Each city visited is inclosed in parentheses. If the answer given covers the dictionary definitions in the charades, or uses all the letters in the anagrams, whether it is the city thought of by the editor or not, it will be allowed. Do not rush in your answers in such a hurry that you cannot give them the attention they need. Remember that in case of ties the neatest prepared list will take precedence. All answers must be in our office on or before Dec 1, and the prize winners will be announced in the Jan 1 issue of Farm and Home.

MANHOOD.

Fetter to be a man, dissatisfied, And asking more of God, Than in content, a brute, for aye denied To rise above the clod.

LAMIA MITCHELL.

FOR EVERYTHING I LOVE HER.

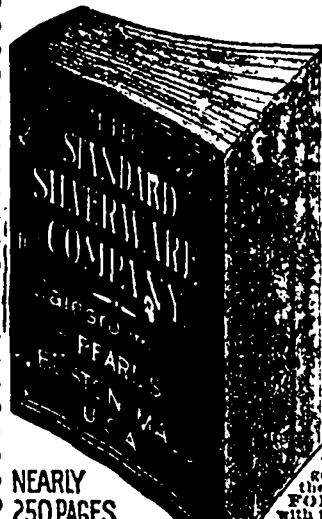
For her gait if she be walking, Be she sitting I desire her For her state's sake, and admire her For her wit if she be talking; Gait and state and wit approve her, For which all and each I love her.

Be she sullen, I commend her For a modest, be she merry, For a kind one her prefer I, Briefly, everything doth fond her So much grace and so approve her, That for everything I love her. William Browne.

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THE FARM AND HOME COUNCIL

Wrinkles and Accident—Do not take the heroes and heroines of cheap novels for a model. Do not put your lifetime happiness in the keeping of a man who has the reputation of being a little loose in morals, or in the keeping of a woman who dresses fast. Remember that while good looks are a kindly gift of God, wrinkles or accident may despoil them. The only foundation for happy marriage that ever has been or ever will be is good character. I used to smile at John Brown of Haddington, because, when he was about to offer his hand and heart in marriage to one who became his lifelong companion, he opened the conversation by saying, "Let us pray." But a union formed in prayer will be a happy union, though sickness pale the cheek and poverty empty the bread tray and death open the small graves, and all the path of life be strewn with thorns. And if sometimes, through difference of opinion or difference of disposition, you make up your mind that your marriage was a mistake, patiently bear and forbear, remembering that life at the longest is short and that for those who have been badly mated in this world, death will give a quick and immediate bill of divorcement, written of green grass on quiet graves.—[Goldenhair.

"Hurrah"—Hurrah for Woman Hater! I am thankful that he for one has determined to save one woman from the misery of married life. For I think that in most cases it is the man and not the woman who causes the misery. Colorado Cousin, you will yet see the day when you will need all my pity and more, too. Webfoot, you are about as thoughtful (?) as the rest of men. A. M. S., you needn't worry about how I was raised. I sincerely hope that you have been reared as honorably as I, and that you have as true and respectable parents as mine. I'll wager that both Woman Hater and I will get through this world as smoothly as you. If you are not already married, I hope you will soon be and that you may enjoy the pleasures (?) of married life to your heart's content. I think you need to come to your senses as badly as anyone. Kid and Dude, you're all right.—[Henrietta.

Reformation—Webfoot certainly has gone through the mill of the gods lately, and perhaps deservedly so. Sentimentalist speaks words of great weight and truth about intemperance. If our American girls would unite together in a league or temperance society for the suppression of the whisky traffic, and refuse to keep the company of young men who drink, such reformation would be accomplished as never before seen in this country. I hope some day grand old Georgia with the other states will be free from this curse.—[Uncle Ben.

Make Others Happy—It is all right to pass opinions in regard to matrimony between ourselves, but I think the couple themselves are the only ones that can decide, as they alone know their hearts. But girls, before you engage yourself, be sure the man is worthy of your love, and then make yourself competent to perform any and all household duties. If we wish to be happy we must think more of making others happy than of our own happiness. "Make others happy then happiness will come to you"—[Brunette.

Still Silent—I am bound by the charms of a young lady of 18, who just exactly suits me in every way. I love her. I am positively and eternally sure of that. Up to a few months ago I was just like you Brother Strap, afraid of her. Then I mustered up courage enough to tell her of my love. But, alas! I had waited too long. Another had supplanted me; one whom she had known only two months, and who, I think, would never have entered her life as he has if I had not waited so long. She told me that she did not love me; had tried, but in vain. However, she holds me in high esteem as a friend, but

says that all her more delicate feeling and regard are for that other one at the present time. Then, however, he happens to say, that, of course, she cannot tell what the future will bring. I told her I would be true as long as there remained the slightest foundation for hope, and asked her to make it known if her mind and heart should change. She is still silent. She corresponds regularly with the young man, and he calls on her, though not as often as he did. Would I best press my claims further at the present time, or wait awhile, or shall I give up entirely? I have stated facts just as they are.—[Wish-wash.

Practical Help—To questioning mother, I would say never say "Don't" to your children; rather say, "I would not do that," "Let's do this," calling the attention of the little one to something else. As to story telling, one can cultivate the art to a certain extent. To be a good story teller you must enjoy telling the story yourself. Begin by telling a story about a chicken that caught a fly, in a jolly way; how he chased and jumped for it and missed it many times, yet at last was successful. This may seem very simple, yet you will be surprised to see the eyes brighten and smiles dance in the little faces. If you cannot make up stories, take some good story paper for children and learn the stories or read them. My little boy not yet three years old lisps sweetly when I say I'm going to rock him, "Wead Gamma Goose." I can give the titles of some excellent works for mothers.—[Trudie Hagadone, Big Rapids, Mich.

Sad and Somber?—Woman Hater is disgusted because girls laugh and giggle. Would he have them looking sad and somber, as though they were in deep distress? Though the girls have many faults, their company is very pleasing and desirable to the opposite sex, and anyone who could not enjoy their merry, ringing laugh must have the dyspepsia or some other depressing ailment. A man hater or a woman hater is a very bad misfit, but such persons claiming to be thus diseased are making a pretense rather than reality.—[Another Bachelor.

Mollie May's Efforts—Mollie May is very much admired by Plowboy in the June 1 and July 15 issues. How she is standing, her beauty torch a handsome cottage, and is willing to help her dear Julia to obtain a superfine fashion! And how she is prepared for any sudden changes and richness in dress! If Plowboy only could get a chance to call on her in her beautiful dress, he would pull all the ruffles off of it, and tell her that her beautiful dress has gone out of style. But the dinner table never goes out of style, and we plowboys keep it up in fashion and decorate it with pears, apples and peaches, vegetables and the like. Now, then, Mr Plowboy, let's get right up together and learn from Miss Mollie May's kind efforts, and be prepared for any sudden changes.—[Albert Hoppe.

An Author's Experience—There is something very attractive to me in the F & H Council. I think it must be the reality of the thoughts and experiences published there. Some would call them commonplace, but after all, our lives are all commonplace, yet we must live a lifetime in order to learn how to live. Some one (Jessie M., I think) says, "Young ladies should go to their mothers for advice about love affairs, as such things are too ridiculous for publication." I can't see why she should think so. It would be different if the writers here published their real names, but as it is it seems to me that this department gives every one a splendid chance to obtain advice without exposing himself—or herself—to personal ridicule and humiliation. So come on, girls, give to us novices the benefit of your experiences. Then when we fall in love we'll use them—or shall we be blind, like all the rest? Old Maid Teacher, I would love to know you personally because I agree with your published opinions and have discovered the truth of what you say. Perhaps among those who read this there may be a few who have, deep down in their hearts, hopes of becoming, at some future time, great authors or authoresses. To those I will

relate my little experience in that line, hoping that it may prevent some one from getting discouraged by showing them that others, too, may be failures. Ever since I have been able to write with anything like ease I have had a passion for writing. In school, composition work was the work I liked best, though not what I could do best. At the age of 14, after having finished eighth grade work, I was compelled by circumstances to leave school, and during the next two years did not attend. Some of my later stories and essays had attracted the attention of my parents, and they encouraged me to keep on writing. I should have done so in any case, but I should probably not have offered anything for publication. However, their praise induced me, at the age of 15, to send a short story to one of the periodicals we took. Now, whether it was because the manuscript was not properly prepared, or because the story was no good, or because the miss was lost, I cannot say. Anyway I never heard of it again. But I kept on writing for my own benefit. Now, at 19, I have, as the result of spare time diligently employed, some half dozen essays finished and revised, two short stories finished but not revised, one story five chapters long, finished and partly corrected, and another almost as long, partly written. And I do not know that I shall ever send them to the press. Why did I write them? Because it required a great amount of work and the work did me good, because I had to put myself in the place of others, and look deep down into human nature, and that was fascinating; because, in short, I had to. To be sure they aren't worth reading, but what do I care? No one will have to read them. My journal is not worth reading, yet I keep one, and have grown to love it. Old Maid Teacher, come again. Your letter did me good. Let us hear more about books and literature. Since F & H is so kind as to allow a Council, why can't we make it interesting and helpful? I mean even more so than it is, though it is now by far the most attractive part of the paper.—[Annie Rooney.

DR. PIERCE'S GOLDEN MEDICAL DISCOVERY

"I have been thinking of writing to you for some time," writes Mrs. W. D. Benson, of Maxton, Robeson Co., N. C., "to let you know what a wonderful thing Dr. Pierce's Golden Medical Discovery did for my little boy. He was taken with indigestion when he was a year and a half old, and he was under the doctor's treatment for five long years. We spent all we made for doctor's bills, and it did no good. He could not eat anything only a little milk and cracker, and sometimes even this would make him sick, and he got very weak; could not sit up all day, and I gave up all hope of his ever getting any better. Looking over one of your books I noticed Dr. Pierce's Golden Medical Discovery recommended for indigestion. We bought some and gave to our boy. Two bottles of Dr. Pierce's Golden Medical Discovery cured him. He is well as can be, and can eat anything that he wants and it does not hurt him. He has not been sick a day since, and it has been three years since he took your medicine. I pray that God will always bless you and your medicine."

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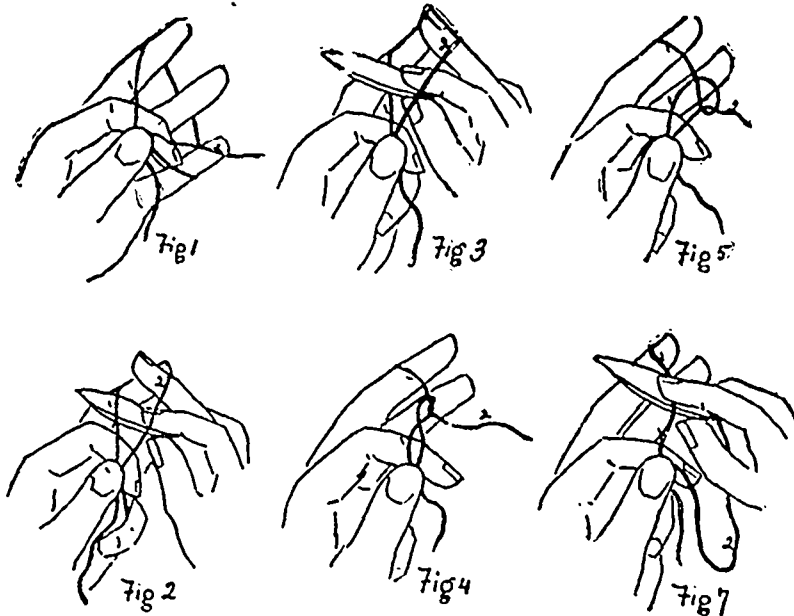
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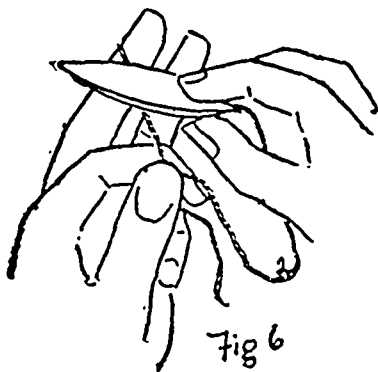
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the thumb and first finger. This is step No 1. Hold the shuttle as in Fig 2, raising Thread 2 up over the second finger of the right hand and pass the shuttle under Thread 1. Then bring the shuttle over this thread so it will lie between the two threads. Fig 3 pictures this step.

Keeping the shuttle between the threads draw through and you will have a knot like that in Fig 4. Now right here comes the only real difficulty and it must be surmounted or there will be no tatting. Slacken the threads by dropping the second finger slightly, then with a sudden upward movement bring Thread 1 into the position shown in Fig 5, with Thread 2 held perfectly tight. When you have accomplished this feat by diligent practice, try drawing the knot tight as it will appear in the finished ring, but if the loop will not slide along on Thread 2, or draw as it is called, it is wrong, and you must start again.

The only stitch in tatting is the double knot (d k) and you have now made one-half of it. The other is simply a reversal of the same stitch, and while making it hold the first half firmly with the thumb and finger. Fig 6 gives the first position, placing the shuttle over Thread 1, with Thread 2 dropped loosely. Bring the shuttle through under Thread 1 and between the two threads



and proceed just exactly as for the first half of the stitch. If the completed double knot will not draw, try again and again till you have conquered that little turn of the fingers on which the entire success of tatting depends.

A ring is made up of these double knots (d k) alternating with picots which are not a different stitch, but made simply by leaving a little bit of thread between the d k, as in Fig 8. Fig 9 shows how a picot (p) will look when the d k are drawn close on Thread 2.



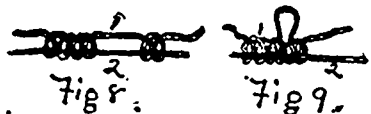
The first ring in the upper part of Fig 10 is made of 4 d k, p, 2 d k, p, 2 d k, p, repeat from 2, 4 d k. Pull up the row of d k till the ends meet and a ring is formed.

To secure the ring from pulling apart draw a loop of thread through it with a pin and make a tight knot by slipping the shuttle through the loop.

After finishing the first ring leave about one-fourth inch of thread between it and the first d k of the next

ring. For the second ring make 4 d k and at this place instead of a picot draw Thread 1 through the last picot of the first ring with a pin, and put the shuttle through the loop thus formed and draw tight; this fastens the two rings together. The rest of the ring is made like the first and thus proceed with all succeeding rings.

In the lower design of Fig 10 the connecting thread between the rings is covered. This is a sample of what is called two-thread tatting and it is done by fastening the thread from the spool to the first ring, carrying it around the hand, as in Fig 1, and working the d k on this thread with the shuttle. There are 8 d k with a picot between each two. This is not drawn up like a ring.



The only difficult part of this second-thread introduction is to hold the spool thread firmly so it will not slip. When this chain, as it is sometimes called, is finished, do not break off the spool thread, but simply drop it and make the next ring close to the chain with the shuttle. The thread for the next chain is taken up where dropped, being careful not to entangle the two threads. Later, some more intricate patterns will appear and as they all are made up of various combinations of rings and chains surely no difficulty will be encountered in "picking them out." If the stitches are well learned.—[B. A. W.]

My Traveling Friend—This is the name of a little case I originated after visiting a few days at a time and suffering the inconvenience of having all my small belongings mixed in a heterogeneous mass. To make one, take blue denim 25 by 13 inches for the outside and ornament in any way desired. For the pockets take one piece 13 by 7 inches, one 13 by 6 inches, and two 13 by 5 inches. Bind the tops of all four pockets with white tape. Baste the largest at the bottom of the outside piece, the next largest next, and then the other two. Turn the bottom of the three upper pockets under and stitch down with dark-blue thread. Allow a half-inch space between the pockets, and slope the piece that remains to a point at the top. Bind the edge with tape and put a long piece to tie with at the point. The first pocket is for handkerchiefs, next gloves, then buttons and the top for pins or any small articles. A pretty way of ornamentation is to embroider the outside with a running design around the edge and the initials of the owner in the center. In the inside embroider the contents of the pockets.—[Mabel Baldwin.]

Crocheted Bug—A crocheted rug is an article of home construction that must be seen to be appreciated. It is made of rags cut the same width as for carpet, or a trifle narrower. The rags may be dyed or made up in their original colors, but if the major part of the rags are either white or extremely light colored, it would be advisable to

dye them. Use a wooden crochet hook about 1 inches in length; one of home manufacture will serve the purpose equally as well as one that has been purchased. Begin the same as for ordinary crochet work, using the double crochet stitch. Work loosely. Observe the same details for widening as used in making the little table mats. Usually two stitches in each stitch of the preceding row will be sufficient to keep the work from puckering, but sometimes three will be required.—[Bella Marshall Whitehead.]

The Wash Day Dinner—On wash day it is wise to plan for a dinner that will take the least time and strength to get. Beans, whether string beans, or those we call soup beans, or limas, are nice to put on the back of the stove out of the way of the boiler, and require but little attention. A very nice pudding and one that is quickly made, and takes the place of pie is made of 1 egg, 1/2 cup sugar beaten light, 1/2 cup sweet milk, and flour enough to make as thick as cake batter, with a heaping teaspoon of baking powder. Fill some tencups half full of the batter, drop in 1 tablespoon of raisins, jelly or fruit, set the cups in a steamer over a kettle of boiling water, cover tightly and steam twenty minutes or half an hour; eat with cream.—[Brown Eyes.]

A Girl of my acquaintance who appreciates a joke or story is making some scrapbooks that are sure cures for the blues. She bought about 100 composition books at five to eight cents each and in these pasted funny pictures, jokes, witty sayings, take-offs, etc. Over the covers of the composition book she has pasted a linen cover, and on it printed "Just for Fun," "A Little Humor," etc. These books sell at 25 to 50c each when completed, and as she has sold nearly 40 already, I have great faith that the rest will soon be disposed of.—[H. M.]

Rub window glass with hot, sharp vinegar to remove paint.—[A. R. A.]

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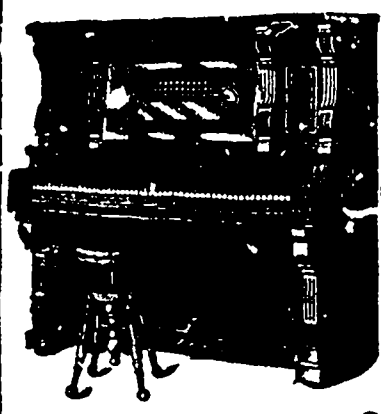


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Around the Globe.

A Big Coal Strike is on in Pennsylvania. The men ask more pay, but they also ask to be paid for 2240 lbs as a ton instead of being required to dig 3000 lbs; they want powder and other working supplies at a fair price, want their pay promptly, and freedom from the company doctor and company store. The mine owners refuse to arbitrate, prices of coal are advancing, and a coal famine is feared in the Atlantic states.

Our British Cousins—The parliament elections leave the parties as follows: Ministerialists 173, liberals 35, nationalist 19. Of the 222 seats the ministerialists or conservatives have gained six and the liberals seven. The returns show an increased conservative vote in London. Returns of the estate duties for 1899-00 just issued by the British gov't show that nearly £14,000,000 were added to the exchequer from this cause. The total sum bequeathed by 65,341 persons amounted to over £292,000,000, or half the national debt.

The World's at War, or getting ready for it! Germany has voted \$100,000,000 annually for 16 years for additions to her navy. The sum is to be still further increased. Other nations are following suit in army and navy expenditures. "During the next 10 years governments will spend 2500 million dollars more on armament than during the past decade." All this will help to make business hum—until the people come to foot the bill.

In China a settlement of the troubles with foreign powers is looked for through diplomatic means. The initiative has been taken by the U S in reducing the American forces to merely a legation guard, which is not a part of the allied armies and therefore not responsible to Field Marshal Count Von Waldersee, the commander-in-chief, and in instructing Minister Conger to open negotiations with Prince Ching and the other Chinese peace envoys. A decree has been published by the emperor and empress blaming the ministers for encouraging the boxers. It orders the degradation of four princes and deprives Prince Tuan of his salary and official servants. The Chinese capital has been removed from Peking to Sincan Fu, which was the capital at one time. The Russian legation has been withdrawn from Peking. The German emperor has also withdrawn his demand for the punishment of the persons guilty of causing the outrages as a preliminary step to peace negotiations.

The Philippines—The war dep't has decided to commence the homeward movement of the volunteer troops for the Philippines about the middle of Nov. It will take practically all of the transport service at the command of the dep't to accomplish the return of the 30,000 volunteers between the date named and June 30 of next year, when their term of service expires by operation of law. Some of the natives are to be organized, as they have shown themselves reliable and useful as scouts. The Filipinos have been quite active of late and several serious engagements with American troops have taken place. One company of 54 men were captured after fighting until their ammunition gave out.

In Shipping Circles—The wonderful new steamer Deutschland of the Hamburg-American line has made the distance from Cherbourg to Sandy Hook in 5 days, 12 hours and 29 minutes. The previous record, held by Kaiser Wilhelm der Grosse, is thus cut down by 5 hours and 15 minutes.—The Lily of the North, which left Halifax with supplies for the Peary Arctic expedition, is lost. The crew were saved.—A Boston syndicate with \$1,500,000 capital will build two steamships of 11,200 tons carrying capacity and 505 ft long. They will be the largest "tramp" steamers in the world.

The Army and Navy—The cost of maintaining the U S army and navy during July was at the rate of \$268,000,000 a year, and during Aug was \$240,000,000. Averaging the expenditure during the two months, a yearly army and navy expenditure above \$264,000,000 is the result. For the same time prior to the Spanish-American war the ex-

penditure for military and naval appropriations was at the rate of about \$132,000,000 per year. The losses among our troops in the Philippines now amount to 2732 killed and dead from disease and 2774 wounded. Vessels are being dispatched with haste to the far east. The Albany is under way, the Wilmington soon to start and the Kentucky Annapolis, Vicksburg and Dorothea are being made ready for sea service as quickly as possible; probably two of these will join Rear Admiral Remy's command.

Uncle Sam's Land—Of the 2,270,557,410 acres of land owned by the U S, 929,309,068, or considerably more than one-third, are non-appropriated. Of this amount, however, 259,492,760 acres belong to Alaska. There are 428,833 acres in Ala. and 593,080 in La. Miss has over 285,000 acres of gov't land, Mich over 473,000, Minn more than 5,600,000, Mont 69,000,000 acres and Nev more than twice the area of Pa. N M, Ariz and Ida come next in order, with Cal and Col not far behind. These figures are exclusive of the unsurveyed and unclassified acres of our new possessions. The estimated acreage of the Philippines is 91,250,900; of the Hawaiian Islands, 4,313,600; of Porto Rico, 2,304,000, and of Guam 32,000.

Floods have visited Texas the second time and did much damage along the Colorado river, but it was little compared to that which devastated Galveston. There has also been a serious flood in Wis. Heavy rains in northern India caused a rise of the rivers and the inundation of thousands of miles of country. Calcutta was half under water and many houses wrecked, but the loss of life was comparatively small. Work at Galveston, Tex, has progressed rapidly toward clearing up the city. The relief fund has reached nearly three-fourths of a million dollars.

In Cuba—The result of the elections of delegates to the forthcoming constitutional convention indicates that the nationalist, or pro-American party, is in control. In the main the delegates are capable men. Most of them, it is said, are in favor of immediate and absolute independence, without the intervention of a protectorate. Yellow fever has broken out in Havana and over 100 cases are under treatment.

Personal—Dr Lewis Albert Sayre, the famous surgeon, died at N Y, Sept 21, aged 80 years. Dr Alfred Stille, an eminent Phila physician, died at the age of 87. George D'Vys, connected with the gov't expedition which rescued Dr Kane, the American Arctic explorer, in 1855, is dead. De Wet, the Boer general, is an uneducated man, but has made a fortune from farming and speculation. Mark Twain is coming back to make Americans laugh and will live in N Y. John E. Hudson, pres of the Bell telephone company for 11 years, died suddenly of heart disease. Gen John M. Palmer, ex-gov of Ill, ex-U S senator and candidate of the gold democrats for president four years ago, is dead.

Awards at Paris were greater in number to America and American exhibitors than to any other nation except France.

DISCOVERED BY A WOMAN. I have discovered a positive cure for all female diseases and the piles. It never fails to cure the piles from any cause or in either sex, or any of the diseases peculiar to women, such as leucorrhoea, displacements, ulceration, granulation, etc. I will gladly mail a free box of the remedy to every sufferer. Address Mrs. C. A. MILLER, Box 119, Kokomo, Ind.

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SENT ON TRIAL at whole sale price. If not satisfactory money will be refunded. GUARANTEED to wash so clean as can be done on the washboard, even to the wrist and neckbands of the most soiled shirt, and with far greater ease. Does not wear out the clothes. Economical and labor saving. AGENTS WANTED. Exclusive territory given. Big money made. For terms and prices Address: Portland Mfg. Co. Box 8, Portland, Mich.



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are cheap in price, but in price only. "Take Down" guns list at \$27.00 and Solid Frame guns at \$25.00, but they will outshoot and outlast the highest priced double barreled guns, and they are as safe, reliable and handy besides. Winchester Shot Guns are made of the very best materials that can be procured, a thoroughly modern system of manufacture permitting them to be sold at buyable prices.

FREE—Send name and address on a postal card for 164 page illustrated catalogues. WINCHESTER REPEATING ARMS CO., NEW HAVEN, CT.

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THIS LANTERN is the culmination of a vast deal of experiment, and it is offered as something extra good in the Lantern line. This Lantern is made on the "Cold Blast," principle and is fed exclusively with cold air, that which comes from above, being taken in through openings between the two rings at the top. This system of air supply greatly stimulates combustion with the resultant extra volume and intense whiteness of its light. It is fitted with an entirely new and most effective device for raising and lowering the globe, which also locks the burner in position. If your dealer does not keep it, we will send one to you for \$1.50, expressage paid.

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\$250.00 A MONTH AND EXPENSES MADE.

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MAKES ITS OWN GAS.

They Pay for Themselves Gives 90 to 100 Candle-power light at a cost of only

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No danger, no risk, no trouble, no smell. The Magic Lamp is made a standard by Fire Insurance Underwriters.

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AGENTS make \$250 and upward a month selling these lamps. They sell on sight to stores and families. Over One Million Now in Use in U. S. and Canada. Write to-day for territory and sample lamp.

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Fireproof, weatherproof paint, mixed with water one-fourth cost of oil paint. Book free. J. A. & W. BIRD & CO., Boston, Mass.

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WAGONY WAREHOUSE RIVETER. The Riveter can be used in any position. Needs anything which a well dressed rivet serves the purpose. For heavy farm work. Can be carried in the neck. Agents make from \$2 to \$15 a day. Send for sample loaded with rivets, and Terms in Agents. T. B. FOSTER & CO., Fredericktown, Ohio.

AMERICAN REPAIR MACHINE.

For farmers and mechanics. Anvil, Vice, Drill, Cut-off, Pipe Clamp, Drill Bit, six tools in one. Dealers ask \$6.00; we sell direct our price \$2.75. Jaws open 8 in. Heavy enough for all purposes. Money back if not pleased. CONSOLIDATED SUPPLY CO., Bloomfield, Ind.

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Four-horse power and larger; Shingle Mills, Planers, Edgers, Lath Mills, Grinding Mills, Water Wheels, Rolling Presses, Etc. Our Saw mill cut 2,000 feet per day with 4-h. p. Variable Friction Feed, Friction Set Works and Champion "Duplex" Dogs; ahead of all others; the only Saw Mill sold all over the world. Send for large catalogue and state just what is wanted. DELOACH MILL MFG. CO., Box 250, Atlanta, Ga.

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doesn't take to make a barrel of Cider? No matter, it will take less if you use HYDRAULIC CIDER PRESS and the cider will be better, purer and will keep longer. Don't say until you get our catalogue. HYDRAULIC PRESS MFG. CO., 5 Main St., Mt. Pleasant, Ohio.

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By S. B. Reed. This useful volume meets the wants of persons of moderate means, and gives a wide range of designs, from a dwelling costing \$200 up to \$5000 and adapted to farm, village or town residents. Nearly all of these plans have been tested by practical working. It gives an estimate of the quantity of every article used in the construction, and the cost of each article at the time the building was erected, or the design made. In this new edition, just published, much new matter and nearly all new plans and illustrations are given, bringing the book up to date in every respect. Profusely illustrated. 12mo. Price, postpaid, \$1.

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Farm and Home Premium List

WITH pardonable pride we present once more our annual Premium List, which in point of attractiveness and in the liberality of our offers far surpasses our previous issues. The premiums described herein have been selected with special reference to the wants of those likely to win them. Particular attention is called to the fact that we give double the value heretofore offered, the premiums which we formerly gave for four subscribers going for two subscribers, and so on. These offers, however, are for new subscribers only, and we hope thereby to greatly increase our circulation. Every article is guaranteed to be precisely as represented and to give entire satisfaction.

Unequaled Offers to Club Raisers, and All Who Secure Subscribers to Farm and Home at the Club Rate of

35 CENTS A YEAR

Any Reader of Farm and Home Can Form a Club and Secure a Premium by Complying with the Conditions as Given Below.

Exceptional Offers to Old and New Subscribers

AMONG the many offers which appear in these pages we would call particular attention to the following, which are without doubt the most liberal we have ever made.

1. A beautiful Art Calendar free to every subscriber for 1901.
2. The Secrets of Health, Three Farm Books, or Homemade Contrivances, either one free to all sending five cents for mailing expense in addition to the club price of a year's subscription.
3. The Handy Atlas, or Wood's Natural History, with a subscription at the regular price of 50 cents.
4. A subscriber wishing more than one premium can renew for one, two or three years and receive any premium he may desire and we will extend his subscription accordingly. But one premium is allowed with a year's subscription, and extra ones can only be obtained on the very low terms made by subscribing for additional years as stated.

Please preserve this Premium List for future reference. The offers here made will hold good for One Year from this date.



SPECIAL INSTRUCTIONS

THE TERMS OF FARM AND HOME,

which is published twice a month, are 50 cents a year, or 25 cents for six months, or 35 cents a year in clubs of two or more. The premiums offered in this list are given for subscriptions taken at the club rate.

ONE YEAR FREE.

We will send Farm and Home one year free for two new yearly subscriptions at the club rate. In this case no other premium is allowed as the subscription itself is the premium.

IF DESIRING SOME PREMIUM

which requires several subscribers, and you cannot obtain them all at once, send a few at a time, that there may be no delay in the mailing of papers, and write on your list, "For Premium," on receipt of which we will send you a credit card for the number sent. These cards can be returned and a premium claimed any time before Oct 15, 1901. A two years' subscription counts two for premium, a three years' subscription three, and so on. Subscribers may be sent from any number of postoffices, and may begin with any month.

FOR NEW AND OLD SUBSCRIBERS

The premiums advertised herein are given for old as well as new subscribers, but double the number of the former are required in each case. For example: To secure any premium offered for two new subscribers you must send four old subscribers, and so on, for any article advertised.

A NEW SUBSCRIBER

is one who is not a reader of the paper at present, while an old subscriber is one whose name appears on our subscription list and receives the paper regularly.

NO PREMIUM IS ALLOWED

on one's own subscription. We give premiums, not to the subscriber, but to the person who sends in the subscriptions of others.

PREMIUMS FOR SALE.

Any of the premiums advertised in this list can be purchased by anyone, whether a subscriber or not, at the prices named, which, considering the excellence of the goods, are, as a rule, much less than what is charged for the same quality in stores.

IF THERE IS ANY ARTICLE

not included in this list which you want, and to obtain which you are willing to get up a club for Farm and Home, write us about it, and we will inform you how many subscribers will be necessary to get it.

TO CANADIAN SUBSCRIBERS.

The postal treaty between the United States and Canada enables us to fill the orders of our Canadian subscribers on equal terms with those in the States, but any matter that is subject to duty will, of course, be payable by the receiver. Nearly all the articles in this list, however, will go without duty.

WE PREPAY POSTAGE

on all premiums sent by mail. All orders sent by express or freight at receiver's expense, which in nearly every case is light. The probable cost of transportation can be ascertained at your nearest office by giving weight and distance as stated in advertisement. Give express address, if different from postoffice, when ordering. As our shipping department is located at Springfield, all orders are forwarded to this office, from which point the goods are sent to all parts of the country. Subscribers living at a distance will please bear this in mind and allow a reasonable time after sending their orders before writing us concerning them.

A CASH COMMISSION IF PREFERRED.

To such as prefer to work for cash instead of premiums, we will allow a liberal commission, which will be made known on application. We allow agents either premiums or cash, but not both.

How to Get Up a Club

BY SIMPLY SHOWING THE PAPER

many can obtain a good-sized club, but the best results are obtained by having a few sample copies, and making a thorough, systematic canvass. All should therefore send for samples, which we furnish free, together with subscription blanks, posters, addressed envelopes, etc. While waiting for sample copies you can gain time by beginning at once with your own copy of the paper. Show it to your friends and neighbors, tell them how much you think of it, and ask them to subscribe. Where Farm and Home is not known, leave a

sample copy and call again in a few days, when you will find those who have read the paper anxious to subscribe. Another good plan is to have us send a sample copy in advance of your canvass to such as you think would be interested and likely to subscribe. To this end we suggest that you send us the names of five or ten persons, or even more, and we will send papers by return mail, after which you can call and take their subscription.

WE CALL PARTICULAR ATTENTION

to our special and unparalleled offers to subscribers, among them the Handy Atlas and Book of Facts, the Secrets of Health, and the Farm and Home Art Calendar, full particulars of which will be found elsewhere. With the aid of these premiums it should be possible to secure a subscription at nearly every home, and we urge every agent to speak of them, or better still to procure such as they wish to use, which we will furnish at a very low price, the cost of which will be refunded on sending a club. This will apply to any premium you may offer in getting subscriptions. Start your club now, to-day, and you will have the advantage over all others. Remember that experience is not essential to success, and that anyone can get up a large club with little effort, if he will only try. We give agents unlimited territory, and you may therefore canvass wherever you wish.

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Small amounts, 50 cents to \$1.00, and even larger amounts, can be sent by mail with very little risk, not one letter in a thousand being lost when properly sealed and directed; but we do not hold ourselves responsible for money sent in this way.

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everything advertised in this Premium List is kept on hand throughout the year and can be obtained at any time. Should you see nothing you desire to-day, it is possible you may to-morrow; you will, therefore, do well to preserve this List and lay it away in a safe place for future reference. In ordering goods do not cut the list; merely give the number, or where the number is not given, the name of the article or articles desired. Remember we pay all charges on goods sent by mail (unless registered), putting you to no expense whatever. We also warrant everything advertised to be exactly as represented; if found otherwise, you can return the article received, and if desired, we will send something else, or if purchased, we will refund money. Be sure to always give your name and address in full, whenever you write.

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FARM AND HOME

New Orleans, La., Montreal, Can.

Farm and Home Premium List—Calendar and Pictures

No. 398—Farm and Home Art Calendar

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Weather Forecasts, Farmers' Reference and Household Guide. An entirely new departure—combining in a novel and attractive manner the highest art for household or office decoration. One of the most attractive and most useful calendars ever issued. Accurate weather forecasts for each day in the year for all sections; spaces for keeping household and farm records, ready reference features, etc. This original scheme in calendars consists of 24 large pages, each 10 by 13 inches in size, firmly bound and with staples or holes for hanging on wall or desk. It is well printed on white and durable paper that will stand much wear, and that will do to write on.

The Calendar

The days for each month are printed in large, clear figures that can be seen across the room. There is a space for memoranda under each page. The number of each day in the year is given. Calendars for three years back and three years ahead are also given. Time of sunrise and sunset in different sections, moon's phases, etc., and everything that goes to make up a complete calendar.

Weather Forecasts

for each day in the month are given in connection with the calendar for the month. These weather forecasts are based on the electro-planetary theory, established by the late Professor Tice, and since corroborated by the highest scientific testimony. The weather forecasts are prepared for this calendar by Professor Tice's sole successor and pupil, C. H. Lillingston. These are the most popular and reliable forecasts ever made. In many sections they prove to be far more reliable than the daily reports of the weather bureau.

The Art Features

of the Farm and Home calendar are unique. It contains beautiful reproductions of many of the most famous works of art in the world. These have been selected by a jury of experts, especially for this calendar. Each picture is typical of the best work of the master by whom it was executed. The selection includes not only the old masters of the various schools of ancient art, but also the work of modern painters of the new schools. The list of artists whose work is reproduced is as follows: Michael Angelo, Leonardo da Vinci, Botticelli, Titian, Guido Reni, Correggio, Praxiteles, Filippo Lippi, Rubens, Murillo, Rembrandt, Rosa Bonheur, Joshua Reynolds, Sir Edwin Landseer, Burne-Jones, Greek sculpture, a masterpiece of architecture, etc.

Another Entirely New Feature

in reproducing art masterpieces is the description of the picture and its interpretation printed immediately beneath it. These descriptions and interpretations are by Professor J. Liberty Tadd, director of the Public Industrial Art School, Philadelphia. What he says about each subject makes every one who beholds the reproduction realize fully the artist's feelings, emotions and meaning. With the text and picture before you, you grasp at once the significance of the masterpiece.

Thus the art features of the Farm and Home combination calendar are a veritable education in the highest and best art. This calendar is also offered in such a way as to bring the advantages of such art education down to the very poorest. This work of art will have a beneficent influence where it is hung up, and will be enjoyed not only by older people, but especially by the children and young folks. Each picture is of generous size—not "skimpy" little cuts, but adequate reproductions.

Practical Matter of Constant Value

Work for each month on the farm or in the household is described and interesting data and tables given that are likely to be needed for constant reference.

Records—Blank spaces are arranged for entering important records or keeping accounts of matters pertaining to the work or business indoors or out. This one feature alone is of more than ordinary value, combining as it does with all the other good things of this calendar a handy account book and household record.

The business side of farming also is another department of even greater practical and financial value than any other. It gives in a nutshell the important facts about supply, demand and prices, the course of the market, the influences that are likely to control prices each month, when to buy and sell to the best advantage, etc, etc.

How to Get It

The calendar will be ready for mailing in time to reach all parts of the United States and Canada, on or before Christmas, and would make a suitable Christmas present either alone or in connection with a year's subscription to Farm and Home. You can renew now whether your subscription has expired or not, and receive the calendar at once, and we will extend your time one year from date of expiration. Show this great offer to your neighbors and friends and get them to subscribe and thus secure one or more of the many splendid premiums advertised herein. Be sure to call for calendar when ordering subscription, as we do not send it unless requested.

The price of this remarkable work is only 50c, postpaid to any part of the world. The regular price of Farm and Home is also 50c, but in order to induce prompt renewals, and introduce our journal into every home where it is not at present taken, we will until further notice, send this beautiful calendar free, and postpaid, to every subscriber new or old for the ensuing year, at the club rate of 35c, thus giving one dollar in value for the nominal price of a year's subscription.

No. 393—Three Beautiful Colored Pictures

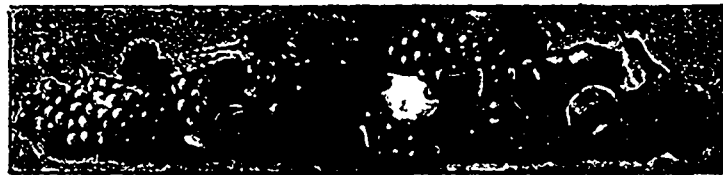
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ACHIEVEMENT
IN THE REALM OF
ART



A CHOICE OF
ONE OR ALL WITH
EVERY
SUBSCRIPTION

Among the most popular reproductions of the present day are the so-called "yard" subjects shown in the accompanying illustrations. They are entitled respectively "A Tug of War," "Snowballs and Roses," and "A Yard of Fruit." The size of each picture is 36 by 8 inches, and they are lithographed in the highest style of art in a number of beautiful colors on heavy plate paper.

While our illustrations convey an idea of the subjects, it falls far short of doing any sort of justice to the pictures, which must be seen in all the beautiful harmony of tints and colors to be appreciated. It is rarely, indeed, that the opportunity is offered of procuring such choice subjects as these upon such exceptional terms, and no one should delay or fail to obtain one or more of these beautiful works of art. They are admired by all who see them, and can be framed at a very small cost. They will prove a fitting adornment to any home.



Our Offer:

The regular club price of Farm and Home is 35 cents a year, but to all sending 5 cents extra for postage and packing, or 40 cents in all, we will send Farm and Home one year, and in addition any one of the above named pictures; or we will send all three and Farm and Home one year for only 50 cents. We will give any one of these pictures as a premium for One new yearly subscription at the club rate of 35 cents a year, or all three for Two new subscriptions.

CONTAINING Maps of Every State and Territory and the Leading Cities of this Country, and Maps Showing Every Country on the Face of the Globe.

COMPLETE HANDY

CONTAINING Statistical, Descriptive and Historical Matter of Great Value. Also Many Interesting Views of Scenic Marvels, City Views, Portraits, Naval and Military War Scenes, Diagrams, Etc.

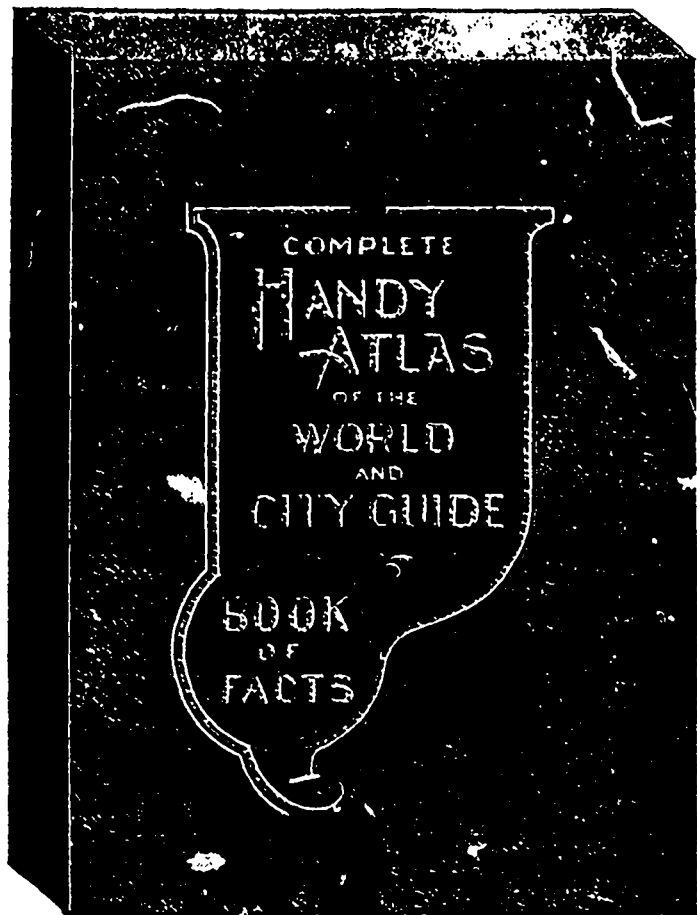
ILLUSTRATED AND DESCRIPTIVE

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312 Pages—All Maps in Three Colors



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In American cities all stations, hotels, public buildings, churches, places of amusement, parks, monuments, and nine-tenths of the business houses are found within a small portion of the entire area. No other atlas attempts city maps. In connection with the maps of the principal cities of the United States is a general description and an index showing the location of the depots and hotels, together with general instructions as to the location of the streets in each.

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A feature which is entirely new in atlas-making has been added to our Handy Atlas, and not only increases its value, but its interest. We refer to the sixteen pages devoted to beautiful half-tone reproductions of scenic marvels, city views, portraits, naval and military war scenes, etc. Over one hundred photographs have been obtained for this purpose at a great expense, artistically grouped and reproduced. One page shows five views of Niagara Falls. Another shows seven views of Boston. Eight pictures of Philadelphia take one page. Sixteen views in Chicago and the great drainage canal occupy two pages. Six views of Washington take a page. Other pages are devoted to pictures of the president, the naval and military heroes of the late war, Cuba, the Philippines, Porto Rico, Hawaii, war scenes on land and water, etc., etc.

A Book of Reference Upon Thousands of Important Subjects. A Panorama of the World

A GOOD general Atlas of the World is, next to the Dictionary, the most practical and useful work in any library. It is a modern necessity for reading as well as study. The scope of this Atlas is such as to make it a great encyclopedic work, as well as valuable for its geographical information. In addition to and in connection with the 112 pages of maps, charts and illustrations, are 200 pages of FACTS—statistical, historical, geographical, descriptive, entertaining, etc., etc. No similar work has ever been produced containing such a vast amount of information in so attractive a form, and at such a ridiculously small expense to the purchaser. Some of the topics treated are as follows:—

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A Splendid Gift to Every Subscriber

The Complete Handy Atlas of the World, City Guide and Book of Facts contains as much information as is usually included in a book costing \$2 or \$3. We, however, will send it attractively bound in imitation leather covers to everyone sending the regular price of 50 cents for one year's subscription to Farm and Home. Or we will give it as a premium to anyone sending us Two new subscriptions to Farm and Home at the club rate of 35 cents a year. Postage paid by us in each case. You can renew now whether your subscription has expired or not, and receive the Atlas at once we will extend your time one year from date of expiration. Show this great offer to your neighbors and friends, get them to subscribe and thus secure one or more of the many splendid premiums advertised herein.

NEW
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A FAMILY DOCTOR BOOK

By S. H. PLATT, A. M., M. D.

A Handy Volume for Everyday Consultation by Everyone—Especially Prepared for Young as well as Old.

512
PAGES
FULLY
ILLUSTRATED

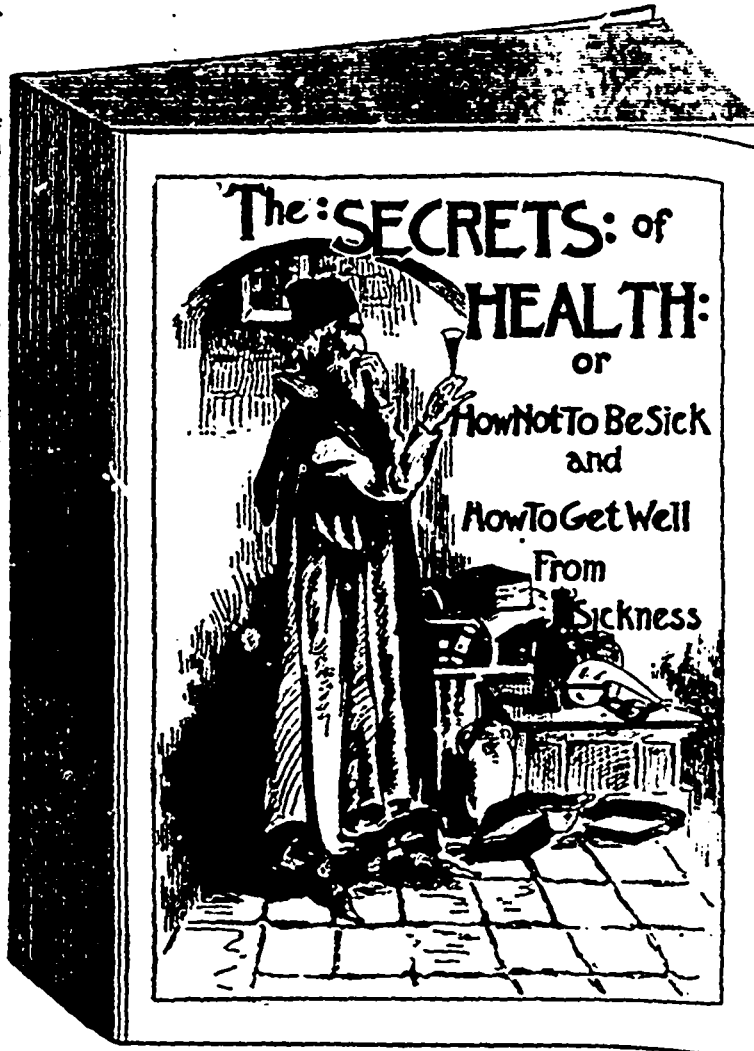
In the author's 20 years of wide experience as a family physician, and in conducting the "Talks With Our Doctor" in Farm and Home, he has learned just what the mass of people need to know, that they may not be sick, or may get well from sickness. Such knowledge is given in this book. It is so plainly stated that any person may profit thereby. Unlike all other books for the people, The Secrets of Health is not confined to any one school of healing, but includes the most successful practices of all schools. Utterly opposed to indiscriminate drug dosing, the object of the book is to show how, by simple and natural methods, health may be preserved or restored without doctors' fees or druggists' bills.

How to Live—What to Eat—Home Prevention and Treatment of Disease

THIS book comes burdened with three themes, all more or less common, yet two of the three so unlike anything heretofore published for the people that if the purpose to enlighten them upon these subjects be right, the need for it is beyond question. Diet, Hygiene, and Home Prevention and Treatment of Disease! These are the key notes of the book. Each subdivision of these topics, published as a separate treatise, would alone be worth the cost of the book. It proposes to cut down by 75 per cent. the expense for doctor and drugs. Yet it does not presume to do without the honest and competent physician, but to aid his work and lessen the necessity of calling him, and to take his place when out of reach, so far as the printed page can.

Revised Edition

The great demand for the edition of Secrets of Health in board covers which was regularly sold at \$1.50 per copy, evidences such an active interest in a book of this character, that we have been led to republish it in a form for more popular distribution. This cheaper edition, however, has been popularized by the omission of some topics which while important in themselves are essentially such as should be referred to a physician, and which also are just as well omitted from a book for general use. We consider that their omission is more than compensated for by the fact that as now published Secrets of Health need not be hid away, but can be freely consulted by every member of the family, young or old.



Cut of Book Reduced.

Actual Size 5 by 7 1/2 inches.

Knowledge of All Schools Made Available for the Common People

THIS book seeks to prevent the avoidable diseases that afflict mankind, and so to treat the unavoidable by simple, natural methods rather than by drugs, that they shall be shorn of much of their power, and recoveries be to health instead of lifelong invalidism, or to a mere exchange of diseases. The author has gleaned from all schools of healing, and for the convenience of those who might not be able to procure the preferable treatment, has added others under the different diseases.

"So many of the words employed are so unusual that the people cannot understand them," suggests somebody. But the glossary fully provides for that.

Contents in Brief

- Part I—How to live, or hygiene made practical.
- Part II—Our living machine—the body, its parts and their functions fully explained.
- Part III—The digestion—its organs and processes.
- Part IV—Diet, what, how much, and when to eat—the whole subject clearly treated.
- Part V—Foods and their preparation, their composition, amusements, how to cook them, etc., etc., very exhaustively covered.
- Part VI—Special treatments for disease, describing 31 methods, mostly based on nature, including every form of water treatment.
- Part VII—Care of the sick.
- Part VIII—Particular methods for treating certain classes of diseases, and special diets.
- Part IX—Diseases and their treatment—symptoms, cause and treatment for all diseases, forms of sickness, etc.
- Part X—Appendix, index, glossary.

"The Illustrations"—In a work of this character, illustrations are particularly necessary and valuable. However lucid an explanation or description may be, it is rendered much more practicable if accompanied with a picture. There are nearly 75 illustrations in this book, showing the framework and all the different organs of the body, together with the muscles, nerves, etc. A number of the treatments also are shown by engravings. The illustrations are educating and interesting and add not a little to the value of this most useful work.

"Right to the Point"—Every line of this book is to the point. The wheat is sifted from the chaff. It contains more actual, practicable information than any ten-dollar or twenty-dollar medical book published, for the information given is in a form to be used by every one, and is so arranged that it can be most easily consulted. It contains more points that can be made use of than are given in any other dozen books. It gives more for the money than was ever before attempted.

Given to Every Subscriber

The edition which we now offer our subscribers is an exceedingly attractive one in that it has an ILLUMINATED COVER, the design of which is shown in the accompanying illustration. It also has on the other three pages of the cover, colored plates, showing the different positions of the human anatomy in their natural colors. These features have been added at a great expense, but we know they will be fully appreciated by our readers. The price of Secrets of Health as above described, substantially bound in illuminated covers is 50 cents, but to introduce Farm and Home into new homes and insure prompt renewals we make the following special and extraordinary offer.—

To all sending us the club price of Farm and Home, namely 35 cents, and 5 cents extra for postage and packing, making 40 cents in all, we will send the paper one year and a copy of this most valuable book, postpaid. Given as a premium for One new subscription at the club rate of 35 cents. You can renew now whether your subscription has expired or not, and receive the book at once, and we will extend your time one year from date of expiration. Show this great offer to your neighbors and friends, get them to subscribe, and thus secure one or more of the many splendid premiums advertised herein.

Farm and Home Premium List—Books

No. 397—Three Great Books in One

The Best and Most Practical Books of the Kind Ever Published, Free of Charge

These three great standard works are here bound together in one volume. Thus between two covers is embraced the most practical and expert information on a wide range of subjects of interest to every farmer, gardener or household. Every page in each one of these three books gives the experience of experts who are successful with the different crops and specialties. There is no "fancy farming"; every line is practical and to the point. Every page bristles with helpful hints from experience brought right up to date. Each of the three books is well worth a dollar. In fact, upward of 100,000 copies of these books have already been sold at from 50c to \$1 each, according to style of binding. They are to-day more valuable than ever because they have been thoroughly revised during the past summer and embody the best 20th century practice. The three books bound in one make a volume 7 1/2 x 5 1/2 inches in size containing 351 pages, substantially bound in strong paper binding. Each of the books is well illustrated, there being in all 200 illustrations.

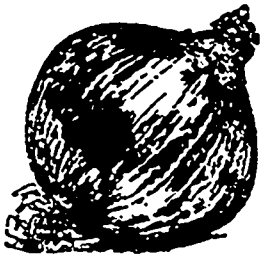
Money Crops

How to Grow and How to Sell Them

By HERBERT MYRICK

Assisted by Practical and Successful Specialists

This is a compilation of chapters, each written by a practical and successful specialist in the culture of alfalfa, asparagus, barley, beans, broom corn, buck-wheat, cabbage, cauliflower, celery, citrons, corn, cranberries, cucumbers, currants, castor oil beans, egg plant, endive, forage crops, grass, ginseng, hay, hops, kale, lettuce, melons, mushrooms, oats, onions, peas, peanuts, potatoes, rye, sage, sprouts, squash, strawberry, spinach, salsify, tomato, turnips, tobacco, vetch, wheat, and 25 or 30 other crops. These include many of the most celebrated market gardeners, special crop growers, etc., etc.



The Practical Fruit Grower

By S. T. MAYNARD, B.S.

Professor of Botany and Horticulture at the Massachusetts Agricultural College



The Practical Fruit Grower covers the field as is done in no other way. It is written by S. T. Maynard, professor of botany and horticulture at the Massachusetts agricultural college, a man who has had wide experience throughout the country.

The Practical Poultry Grower

For the Farmer, the Villager, the Amateur,

the Professional

By HERBERT MYRICK

Assisted by Practical and Successful Poulterers

This is another of Editor Myrick's valuable compilations. The fact that his name appears as author is sufficient guarantee of the value of the book. Many of the most practical and successful poultrymen throughout the United States and Canada co-operated in the preparation of this book. It not only covers the whole subject in general and in detail, but is especially strong and complete in everything pertaining to the artificial incubation and the artificial rearing of poultry



Our Great Free Offer—

The regular club price of Farm and Home is 35 cents a year, but to all sending 5 cents extra for postage and packing, or 40 cents in all, we will send Farm and Home one year, and in addition a copy of the Three Great Books in One, as above described. We will send it free as a premium to anyone sending us One new yearly subscription at the club rate of 35 cents a year.

No. 391—Fifty Popular Novels

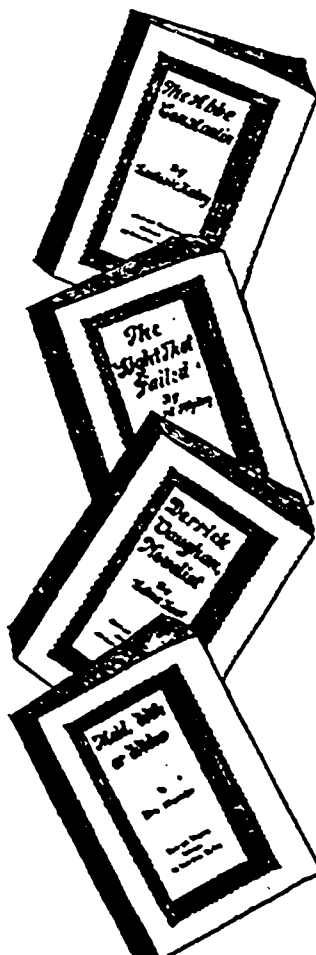
Including the Most Noted Works in English Literature

EVERY lover of good literature will be delighted with the premium offer here made, for it presents an opportunity whereby some of the finest works of fiction may be secured at a very low price. Each one of the following books contains a complete novel by a well-known and popular author. Some of the most famous works published are included in this list.

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Evangeline (A Tale of Acadia),	Henry W. Longfellow
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Frivolous Cupid,	Anthony Hope
The Handy Reliable Cook Book,	Mrs. Warren
The Haunted House,	Balwer Lytton
Hiawatha,	Henry W. Longfellow
House of Seven Gables,	Nathaniel Hawthorne
House of the Wolf,	Stanley J. Weyman
The Lady of Lyons,	Balwer Lytton
The Lady of the Lake,	Sir Walter Scott
The Light that Failed,	Rudyard Kipling
Longfellow's Poems,	H. W. Longfellow
Master of Ballantrae,	Robert Louis Stevenson
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On Her Wedding Morn,
Paul and Virginia,
Called Back,
Captain of the Pole Star,
Forging the Fetters,
Knightbridge Mystery,
Lady Grace,
A Legend of Montrose,
Man in Black,
Misadventures of John Nicholson,
My Husband and I,
The Octomom,
Oliver Twist,
Representative Men,
A Good Fight,
The Coming Race,
Cyrano de Bergerac,
The Eight Crusades,
Exiles of Siberia,
In the Midst of Paris,
Peg Woffington,
A Rogue's Life,
Soldiers Three,
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Tour of the World in 80 Days,
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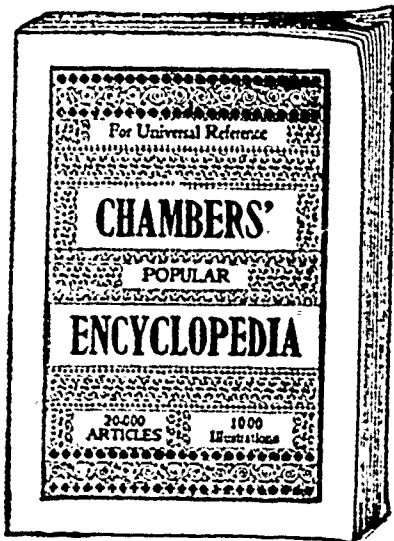
The usual price of these books in cloth binding is one dollar, but we have prepared a special edition, neatly bound in colored paper covers, which we offer on the following liberal terms, thus putting the works of the greatest authors within reach of all:

Our Offer—We will send you Four of the above books to anyone sending us One new subscription at 35 cents. Price of any four books, including Farm and Home one year, only 50 cents. Postage paid by us in each case.

No. 47—Chambers' Encyclopedia

Handy for Quick Reference and Indispensable to all. Contains 700 Pages and 1000 Illustrations.

The knowledge which Chambers' Popular Encyclopedia contains is universal because it includes articles on all divisions and sub-divisions of



Size of book 5 by 7 inches.

Agriculture, Architecture, Astronomy, Biology, Botany, Chemistry, Engineering, Geography, Geology, History, Horticulture, Law, Literature, Mechanics, Medicine, Music, Mythology, Natural History, Painting, Philosophy, Physiology, Politics, Religion, Sculpture,

with biographical sketches, of the great men of all times, and typographical descriptions of the countries, of the globe.

A comparison of this volume with the large works of a similar nature, such as the Encyclopedia Britannica and Appleton's Encyclopedia, will prove the vast amount of information in this work, and the immense variety of subjects treated. It is, in fact, the information contained in these valuable works rewritten and put into a shape convenient and available for the great mass of people. The opportunity of getting a real encyclopedia, which is a library in itself, for a price so ridiculously low as to be nominal, is one

of those modern luxuries which the public is so thoroughly appreciating and enjoying in these days.

The statements are concise and accurate, and the 20,000 articles embody such information as nine out of ten persons have occasion to use in talking or writing. For ordinary usage, the work which we offer free is as practicable as a \$20 encyclopedia.

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Given for One new subscription at 35 cents. Price, including Farm and Home one year, 50 cents, postpaid. We do not offer this book for sale and it can be secured only as a premium or in connection with the paper.

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By Josiah Allen's Wife



272 pages and over 100 illustrations.

There has been but one book written since Mark Twain's palmy days that has possessed his power to charm by wit, and fascinate by facility to nature. That book is Samantha at Saratoga, by "Josiah Allen's Wife." The book was written under the inspiration of a summer season 'mid the world of fashion at Saratoga, where are princes of the old world, with congressmen, presidents, millionaires, railroad kings and princes of commerce of our own great nation, with their wives, their beautiful daughters and all the gayest butterflies of fashion, luxuriating in balmy breezes, displaying their personal charms, costly jewels and exquisite equipages.

No humorous writer of modern times is so popular with the masses as is "Josiah Allen's Wife," and this is by far the best book she has ever written. It contains a number of funny illustrations by Oppen, of

Peck, is handsomely bound in stiff paper covers and is without doubt the funniest book of the century.

Over 150,000 copies of this great book have been sold in cloth, at \$2.50 each, but lately, to put it within the reach of everybody, it has been published in somewhat cheaper form. The new edition gives all the reading matter and all the illustrations, the same as the copies which sold at \$2.50. Over 500,000 copies of this special edition, which contains 272 pages, have already been sold. We offer this great book on remarkably liberal terms, as follows:

The regular price of Farm and Home is 50 cents a year, but for a limited time we will accept subscriptions under this offer at the club rate of 35 cents a year, and to all sending 5 cents extra for postage, making 40 cents in all, we will send Samantha at Saratoga as described above, by mail, postpaid. Given for One new subscription at 35 cents.

No. 392—International Teachers' Bible

Contains New Helps, References, Sixteen Full-Page Illustrations and Sixteen Full-Page Maps in Colors

This magnificent Bible is handsomely printed from large, clear type on fine book paper and beautifully bound in flexible morocco, Divinity circuit, silk sewn, red and gold edges with round corners. This Bible contains 1352 pages, including the Old and the New Testaments according to the authorized version, 68 pages of "Bible Readers' Aids" with 16 full-page illustrations, "A Work Book" of 292 pages, consisting of concordance, topical index, list of proper names with meaning and pronunciation, 16 full-page maps in colors, and other helps too numerous to mention. This is not an incomplete or abridged work, but the genuine, containing many features found in no other Bible of like character. It measures when open 10 by 7 inches, when closed 7 by 5 inches, thickness 1 1/4 inches, and weighs about 1 1/2 pounds. A very convenient size to carry and contains more than is usually found in much larger Bibles.



What Good Judges Say

"This Teachers' Manual, as the helps are called, is deserving of high praise. The arrangement is clear and simple, the illustrations and maps new and admirable. It marks progress toward the true ideal."—The Sunday School Times.

"Among the different desirable editions of the Bible, none holds a higher place in all particulars than the International."—The Chautauquan.

"I have examined with care and pleasure the International Teachers' Bible and am free to say it is complete, scholarly, and, to my mind, the most satisfactory of all teachers' Bibles."—Rev. J. I. Sanky.

This Bible is used and indorsed the world over by teachers and Bible students. It is invaluable to ministers, teachers and scholars, and all interested in Bible study. It has no superior, if indeed it has a rival. All wishing to secure a very fine and comprehensive Bible should take advantage of this remarkably liberal offer.

We will send the International Teachers' Bible, as described above, to anyone sending us Five new subscriptions at 35 cents each, or Two new subscriptions and 75 cents additional. Price, if purchased, \$1.25, postpaid.

No. 525—Profits in Poultry

Useful and Ornamental Breeds

This new and enlarged edition of the standard work on Useful and Ornamental Breeds and Their Profitable Management, is nearly one-third larger than any previous edition, and has been fully brought up to date. The means by which eggs or poultry can be grown at a profit are discussed in great detail. The various breeds, also diseases and their treatment, have been fully considered. The turkey department has been made as complete as possible.

The chapter on artificial incubation alone is worth many times the price of the book to anyone engaged in poultry raising as a business. Care of chicks, feeding and care for eggs, or for meat, building coops and houses, caponizing, marketing, warfare against pests, raising waterfowl and ornamental poultry, are described at length. The reference matter and tables are a special feature. Experience of breeders and poultry farmers has been drawn upon freely.

A special and entirely new feature is the beautiful colored illustrations, no less than forty-nine in number, all in the natural colors of the subject represented. It is handsomely bound in illuminated paper covers.

As indicated by the title of the book, most prominence is given to the side of poultry keeping which returns an income.

The wide range of experience here drawn upon results in a breadth of view which can be obtained only by comparison of successful methods in actual practice.

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352 pages and 154 illustrations.



Size of book 5 1/4 x 7 1/2 inches.

No. 76—Wood's Complete Natural History of the World

Over 600 Illustrations, 147 Subjects in Colors'

This handsomely illustrated 600-page work is the entire Natural History of the World, covering all divisions of animal life and including the various editions and portions issued previously in separate volumes.

The colored illustrations, prepared especially for our book at great expense, cover 147 subjects.

Over 1200 Topics

Animals, Birds, Fishes, Reptiles, Insects.

Wood's Natural History treats, with charming descriptions and delightful anecdotes, of no less than 1200 topics. It gives minutely, and in the simplest language, the habits, haunts, diseases and peculiarities of the animal kingdom.

This great work is by the world-famous naturalist, Rev. J. G. Wood, M. A., F. L. S., author of several other celebrated works on animal life. The text is embellished with 600 engravings, by such eminent artists as Wolf, Weir, Harrison and others.

Recognized Authority

No library is complete, without this famous work. It is impossible to give in this announcement more than a slight idea of the magnitude of this great history. It virtually goes into the haunts of all animals and shows them as they live. Wood's Natural History is the recognized authority all over the world.

Bound in heavy illuminated paper covers. Until this new edition was printed Wood's Natural History never has sold in cloth for less than \$1.75.



Size of book 6 by 9 inches.

A Most Timely Book

The disappearance of one species of animal after another from the face of the earth, the extinction of some of the most interesting creatures known, renders a work of this kind more valuable as time goes on. And there never was in the history of the world so much attention given to the habits of wild beasts as at present. The study of their lives, the effort to get in sympathy with them, is aided by lectures, articles, stories, etc., which make this cyclopedia of animal life indispensable to one who would keep up with the times.

Children especially, are deprived not only of unlimited pleasure but an important branch of their education if they do not have Wood's Natural History. Thousands of the descriptions of the animals, both domestic and wild, are accompanied with anecdotes relative to the species, with hundreds of vivid pictures in black and in color, illustrating them true to life. These engravings give a clear idea of what the animals of the world are, where they roam and how they live.

The author gave years of his life to the compilation of the facts contained in this great volume, and was assisted by many of the leading naturalists of the world. This mammoth cyclopedia of the animal world consists of 600 pages. The cover itself is a work of art and colors. The entire work is printed on good paper from absolutely new plates made exclusively for this edition at a great expense.

Given for Two new subscriptions to Farm and Home, at 35 cents each. Price, including Farm and Home one year, only 50 cents, postpaid. We do not offer this book for sale. It can be secured only as a premium or in connection with the paper. You can renew now whether your subscription has expired or not and receive this book at once and we will extend your time one year from date of expiration.

No. 103—Homemade Contrivances

Over One Thousand Devices for Farm and Garden, Dairy and Workshop

The volume here presented abounds in valuable hints and suggestions for the easy and rapid construction of a large number of homemade conveniences within the reach of all. It is an everyday hand book of farm work—applicable to both indoors and outdoors—and contains the best ideas gathered from scores of practical men in all departments of farm labor. The conveniences and appliances described in this work secure great comforts to both man and beast and assist in disposing of the important work on the farm.

There are chapters on appliances for the linn, pasture and dairy; for the garden and on hard; for handling hay and corn fodder; for slaughtering and curing the meat. There are descriptions and illustrations of wells, pumps, cisterns and filters; of stump-pullers, derricks and slings, of vehicles, rollers, harrows and markers. In fact, it would be difficult to find, in any one place, so much useful, valuable and practical information for any person at all interested in labor-saving appliances. It is certain that every progressive farmer, gardener and householder will find very much of interest and value in this volume. For convenience in reference, the various contrivances and labor-saving devices have been classified under three general headings, namely: Farm Conveniences, Farm Appliances, and Fences, Gates, and Bridges, with a chapter on Fence Law.

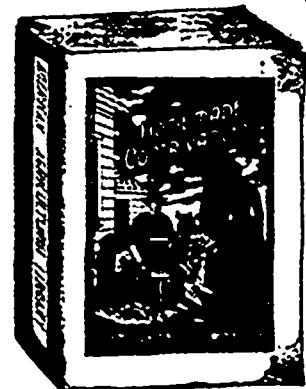
As the reader is doubtless aware, illustration of the utmost value and importance in a work of this kind. However lucid an explanation may be, for practical purposes it is rendered much more valuable if accompanied with a good picture. This is especially true of many of the devices described in this book.

In a work of this character illustrations are especially necessary and valuable. In many cases the illustration will show the construction at a glance. After looking at the engravings one will need no further instruction. In Homemade Contrivances there are some 750 illustrations, an average of more than one to each page. This mere statement of the number is an evidence of the practicality of the work. The illustrations are plainly drawn and nicely printed. The volume is handsomely bound in illuminated paper covers and is practically three books in one that formerly sold in cloth at \$4.00.

Main strength is in the use of men used to depend upon, chiefly, for getting through the daily round of work. All that is changed, and wonderfully for the better. Homemade Contrivances gives a good idea of what revolutions many inventions have wrought in the modes of farming. It tells how to make simple appliances which help one to do the work of many, which secure comfort to the animals about the farm, which supply the house with good water, which save time and are a constant help.

This book should be in the hands of every forehanded man. Many hints and suggestions will pay for it many times over. He who secures this book can quickly avail himself in a thousand ways of the inventive talent and experience of others in similar lines of work. It is certain that every progressive farmer, gardener and householder will find very much of interest and value in this volume.

It is rarely indeed that the opportunity is offered of procuring a book of such practical value on the exceptional terms here made, which puts it within reach of all, since we virtually offer it as a gift.



Size of book 5 by 7 1/2 inches.



Contains 630 Pages and 750 Illustrations.

\$4.50 in Value, for only 50 cents

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Farm and Home Premium List—Watches.

No. 389—Gentleman's Nickel Watch

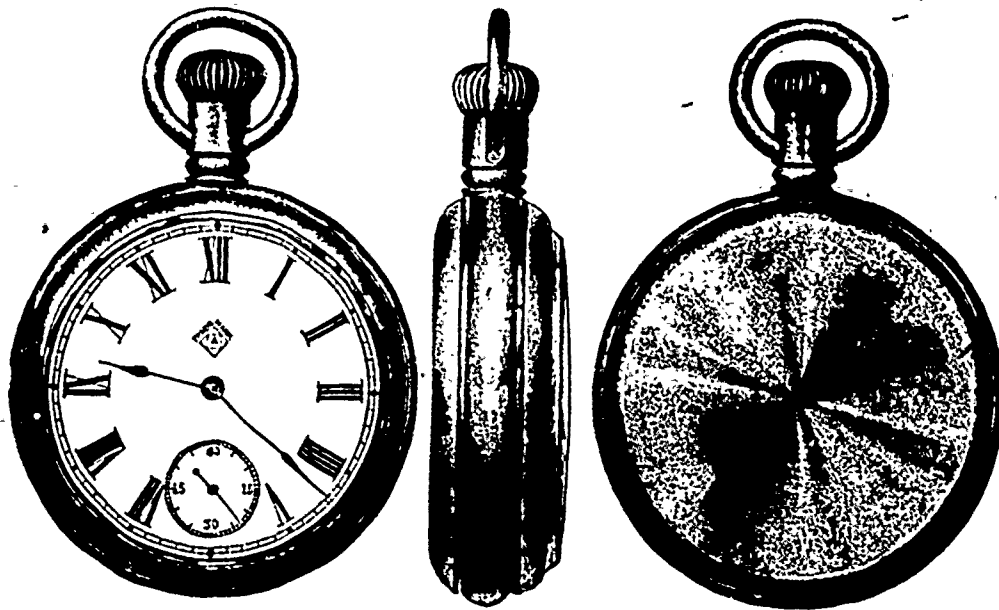
We believe this watch to be as nearly perfect as it is possible to make one at such a low price. It is in fact beyond our comprehension how the manufacturers can afford to make a watch embracing so many good qualities for so little money. We cannot speak in too high terms of this watch, as we find the manufacturers have profited by the experience of the other makers of cheap watches, and have entirely eliminated the objectionable features which have proved so disastrous to the time-keeping qualities of others.

IN SIZE it is the same as the gold watches offered below, known as 15 size.

THE CASES are superior to any we have seen, as it is almost impossible for any

THESE WATCHES ARE GUARANTEED by the manufacturers against any defect in material or manufacture, but not against abuse. A great many people think that they can subject a cheap watch to any kind of treatment and it ought to run just the same, but these watches need the same care and treatment that you would give one costing \$100, and if they are treated as a watch should be, will give excellent satisfaction and keep good time.

Given for Five new subscriptions at 35 cents each or Three new subscriptions and 50 cents additional. Price, if purchased, \$1.50, postpaid.



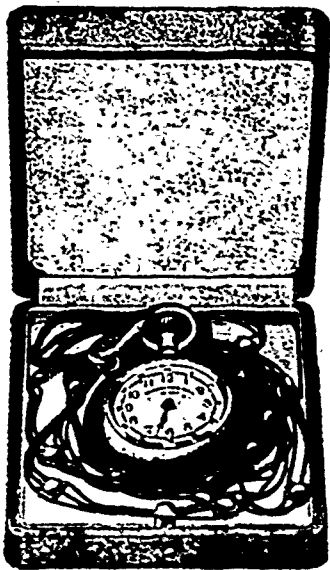
dust or dirt to get into the works. There are no hinges through which dust can sift in, as both back and front snap on so tightly as to exclude all particles, however small. As another precaution there is a second plate under the outside cover on the back. This reduces to a minimum the possibility of anything reaching the movement.

THE MOVEMENT is stem wind and set, a feature before unknown in so cheap a watch, and one which will no doubt be appreciated, as it does away with the liability of dust reaching the works by opening the back each day to wind or set. These watches are exceptionally well made, great care being used in their construction.

No. 205—Lady's Watch

If you could see this watch, chain and case you would immediately go to work and get one. This cut will give you some idea, but the watch must be seen to be fully appreciated. It is solid silverine, which is a secret composition of nickel and silver. It has an American movement which is fully guaranteed, finished in the best possible manner, carefully tested and timed before leaving the factory. The chain is silk with bead ornaments 1-2 inches apart; very neat and tasty. Each watch is in a very pretty leather-covered case, as shown in illustration.

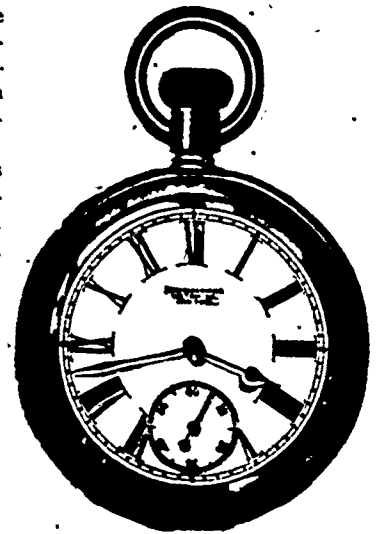
Given for Twelve new subscriptions at 35 cents or Six new subscriptions and \$1.50 additional. Price, if purchased, \$3.00, postpaid.



No. 552—Gentleman's Watch

We here offer what we consider the best watch ever sold at the price. It is a stem-winding and stem-setting watch, and the movement is the latest style put on the market by one of the largest watch companies in the country. It is nickel damaskeened, has 7 jewels with train bearings in metal settings, has safety pinion, compensation balance and superior white enamel dial. The case is solid nickel silver, or what is commonly known as silverine and guaranteed to keep its color and to be very durable.

Given for Ten new subscriptions at 35 cents each or Five new subscriptions and \$1.00 additional. Price, if purchased, \$2.00 postpaid.



Gold Watches

The cases are not solid, but gold-filled and guaranteed. When we say gold-filled we mean that the cases are not gold-plated but made from two plates of solid gold with an intervening layer of composition metal. The cases, guaranteed for ten years, have twice as much gold on them as the five-year cases, consequently will wear twice as long. We believe these cases are much superior to solid gold—as they are stiffer and less liable to be harmed.

No. 194—Lady's Standard Watch

This watch is exactly the same grade as the gentleman's, but smaller and with hunting case, which is much preferred for ladies. Cases are guaranteed for five years and fitted with New York standard movement, which is also guaranteed. Very handsome and sure to please.

Given for Twenty new subscriptions at 35 cents each or Ten new subscriptions and \$3.00 additional. Price, if purchased, \$6.50 by express, prepaid.

No. 52—Lady's Waltham Watch

Those who receive this watch will have the pleasure of knowing that while they could get a more expensive watch, a better one would be hard to find. The movement is the reliable Waltham, 7-jewel, nickel, stem-wind and set, fitted into a ten-year guaranteed gold-filled hunting case, nicely engraved. A gift that will be appreciated.

Given for Thirty new subscriptions at 35 cents each or Fifteen new subscriptions and \$4.50 additional. Price, if purchased, \$9.00 by express, prepaid.



No. 200—Gent's Standard Watch

The cases are open face, gold-filled, handsomely engraved with different designs and guaranteed for five years. The movement is the latest model New York standard, stem wind and set, seven jewel, nickeled, finely finished, timed and tested before leaving the factory and guaranteed.

Given for Twenty new subscriptions at 35 cents each or Ten new subscriptions and \$3.00 additional. Price, if purchased, \$6.50; express prepaid.

No. 51—Gent's Waltham Watch

You could not ask for a better watch than this. The cases are guaranteed for ten years, handsomely engraved, open face and fitted with the well-known 7-jewel, stem wind and set, American-Waltham movement. It is needless to add more, as when we say "10-year case" and "Waltham movement" you know it is as good as the best.

Given for Thirty new subscriptions at 35 cents each or Fifteen new subscriptions and \$4.50 additional. Price, if purchased, \$9.00 by express, prepaid.

Farin and Home Premium List—Finger Rings

Finger Rings

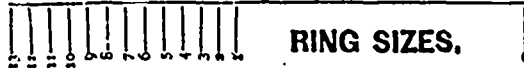
All the rings advertised in our list are guaranteed for at least one year, some a much longer time, and any ring not exactly as represented will be replaced with a new one. Our descriptions are in no way misleading or exaggerated, being as short, concise and truthful as we can possibly make them. You can work for any of these rings without danger of disappointment upon their arrival.

When ordering do not send strips showing size desired, as small slips of paper are liable to be lost, but state size in your letter, following the directions given very carefully to avoid an error.

Standard Ring Gauge

State size desired when ordering, by naming one of the following numbers: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10.























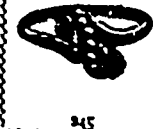





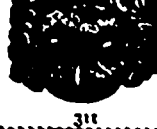
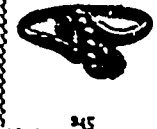
To get exact size, pass a piece of stiff cardboard or blotting-paper *very lightly* around second joint of the finger, cutting it off so that when drawn as tightly as possible the ends exactly meet. Then lay it flat upon the following diagram, one end beginning at the line marked 6, and the other end will then indicate the desired size.



Rings Exchanged

We cannot, under any circumstances, exchange a ring which has been worn, for a different size or other style. We shall be very careful to send exact size ordered and if, through any error in measuring, your ring does not fit, we will exchange for proper size upon receipt of the ring and 5 cents to pay for postage and packing. If the ring is not just what you expected and you wish some other in our list of equal value, we will exchange upon receipt of the ring and 5 cents.

If you desire a higher priced ring, we will exchange for the difference in the retail price, or upon receipt of the additional subscriptions required for ring selected.

						
	<p>Descriptions</p> <p>No. 231—Gold shell ring, set with a brilliant, guaranteed for one year.</p> <p>No. 314—Gold shell engraved ring; guaranteed for one year.</p> <p>No. 316—Gold shell baby's ring. Sizes, 1 to 4 only; guaranteed for two years.</p> <p>No. 317—Gold wire ring, set with turquoise; guaranteed for one year.</p> <p>No. 286—Gold shell ring, fancy edges; guaranteed for one year.</p> <p>No. 315—Gold shell ring, half round; guaranteed for one year.</p> <p>Either of the above rings given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.</p> <p>No. 321—Gold shell ring, set with brilliant; guaranteed for two years.</p> <p>No. 692—Taper ring, set with a brilliant; guaranteed for two years.</p> <p>No. 28—Plated ring, set with four garnets, guaranteed for two years.</p> <p>No. 320—Gold shell ring, set with garnet; guaranteed for two years.</p> <p>No. 323—Chased band ring, very wide; guaranteed for two years.</p> <p>No. 274—Heavy gent's ring, set with emerald, guaranteed for two years.</p> <p>No. 312—Very pretty sterling silver snake ring, set with garnet and emerald.</p> <p>No. 322—Half round band ring, wide; guaranteed for two years.</p> <p>Either of the above rings given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.</p> <p>No. 324—Solid gold shell ring, set with a genuine opal and two pearls. Guaranteed for two years.</p> <p>Given for Three new subscriptions at 35 cents each. Price, if purchased, 75 cents, postpaid.</p> <p>No. 225—Solid gold, set with two rubies and three onyx. Sizes, 5 to 8.</p> <p>No. 228—Solid gold, set with three pearls and two emeralds. Sizes, 5 to 8.</p>			<p>Descriptions</p> <p>No. 333—Gold shell ring, handsomely chased. Guaranteed for 10 years.</p> <p>No. 291—Solid gold, set with four pearls and a ruby. Sizes, 5 to 8.</p> <p>Either of the above rings given for Four new subscriptions at 35 cents each, or Two new subscriptions and 50 cents additional. Price, if purchased, \$1.00, postpaid.</p> <p>No. 236—Solid gold, set with four pearls and two amethysts. Sizes, 5 to 8.</p> <p>No. 237—Solid gold, set with two rubies and two pearls. Sizes, 5 to 8.</p> <p>No. 71—The famous Tiffany birthstone ring. A single large doublet. Your choice of twelve kinds, one for each month. January, garnet; February, amethyst, March, blood; April, diamond; May, emerald; June, agate; July, ruby; August, sardonyx; September, sapphire; October, opal; November, topaz; December, turquoise.</p> <p>Either of the above rings given for Five new subscriptions at 35 cents each, or Two new subscriptions and 75 cents additional. Price, if purchased, \$1.25, postpaid.</p> <p>No. 238—Solid gold, set with one large amethyst, very pretty. Sizes, 5 to 8 1-2.</p> <p>No. 240—Solid gold, set with four pearls and two emeralds. Sizes, 5 to 8.</p> <p>No. 331—Wedding ring, guaranteed for 20 years.</p> <p>No. 311—Gentleman's owl ring, sterling silver, oxidized, very heavy and unique.</p> <p>Either of the above rings given for Six new subscriptions at 35 cents each, or Three new subscriptions and 75 cents additional. Price, if purchased, \$1.50, postpaid.</p> <p>No. 245—Solid gold, set with five pearls and two amethysts. Sizes, 5 to 8.</p> <p>Given for Seven new subscriptions at 35 cents each, or Three new subscriptions and \$1.00 additional. Price, if purchased, \$1.75, postpaid.</p> <p>No. 329—Solid gold initial ring. Letter is also of solid gold. Can furnish any letter and size desired.</p> <p>Given for Eight new subscriptions at 35 cents each, or Four new subscriptions and \$1.00 additional. Price, if purchased, \$2.00, postpaid.</p>		
						
						
						

WE have taken special care to make this department up to date; buying all our goods direct from the manufacturers, thus saving the middle man's profits, and you get the benefit. We have selected these goods from thousands of samples, and each is extra good value. The day of "fake" jewelry is past, and you will find by perusing these pages that we have entirely eliminated this class from our list.

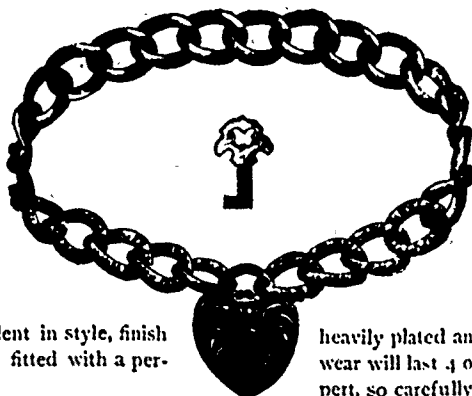
Silver Bracelets

No. 369—This bracelet (shown in the illustration) is silver filled and very serviceable. The links are a hollow shell of sterling silver, filled with a composition metal to give them strength. Cannot be distinguished from solid silver.

Given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

No. 370—Sterling silver bracelet, no composition used in its manufacture, but made entirely of silver. Excellent in style, finish and workmanship. Similar in design to the illustration and fitted with a perfect spring padlock and key. Sure to please.

Given for Four new subscriptions at 35 cents each, or Two new subscriptions and 50 cents additional. Price, if purchased, \$1.00, postpaid.



Gold Bracelets

No. 87—Gold plated over composition metal. We cannot guarantee its wearing qualities, but it is very good quality, price considered. It is superior to any before offered as it is complete with perfect-working padlock and key.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

No. 371—Fine gold-plated bracelet, very handsome, heavily plated and will give good satisfaction. These bracelets with ordinary wear will last 4 or 5 years, and cannot be told from solid gold except by an expert, so carefully are they made. Complete with padlock and key.

Given for Four new subscriptions at 35 cents each, or Two new subscriptions and 50 cents additional. Price, if purchased, \$1.00, postpaid.

No. 373—Animal Hatpins

These are very attractive pins and entirely different from any before offered. The quality is good and the pattern unique. Something every lady needs and can appreciate. The pair makes a very stylish and useful set, and thoroughly up to date.



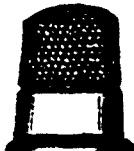
Both given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

No. 310—Elephant Charm

A very handsome, oxidized, sterling silver charm, suitable for ladies' or gentlemen's chains.

No. 230—Silver Thimble

Solid sterling silver, no engraving, very neat and useful.



Either charm or thimble given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

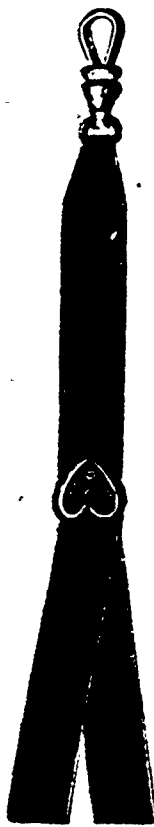
No. 298 Silk Guards

These handsome silk watch guards for ladies' wear are very popular. They are extra long in length and made to wear around the neck. The illustration shows only the lower portion.

The slides are sterling silver and come in various designs, all of which are very neat and pretty.

These guards are now all the rage, not at all flashy, but, on the contrary, very tasty. Although they are really nice, the exceptionally low price puts them within the reach of all.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.



No. 378—Three Scarf Pins

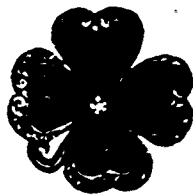


- A—Gold-plated horseshoe.
- B—Gold-plated flower, hard enamel petals, and pearl center.
- C—Sterling silver heart, very neat.
- D—Oxidized silver-plated skull and crossbones, eyes set with red stones.
- E—Gold plated with cameo setting.
- F—Elephant's head, very attractive.

Any three of these pins given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

Clover Brooch

No. 232—A four-leaf clover, edges gold plated, petals nicely enameled, and center set with a pearl. Very handsome.



Autumn Brooch

No. 384—An autumn leaf, beautifully enameled in colors and gold plated. A very attractive pin.



Either Clover or Autumn brooch given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

No. 385 Lorgnette Chain

A very handsome chain, well made and roll-gold plated. It will wear well and cannot fail to please the most fastidious. The slide has a gold front and is set with an opal. Although we show but a small section, it is full length, and plenty heavy enough for any one.

This chain is an imitation of one of the most popular styles of solid gold chains made. The links are all uniform, carefully made and heavily plated.

So dainty and neat is this chain and the workmanship so clever that even an expert would have to examine it carefully to be sure it was not solid gold. The illustration shows links full size, and although they are quite small are very strong.

Given for Five new subscriptions at 35 cents each, or Three new subscriptions and 50 cents additional. Price, if purchased, \$1.25, postpaid.



No. 387—Photo Brooch

Thousands of these brooches have been sold and the demand is ever increasing. This pin is well made with fancy edge, which is roll-gold plated and will wear for years. In the center we reproduce any photograph you may care to send. Care should be taken to send as clear a picture as possible to secure good results.

Given for Four new subscriptions at 35 cents each, or Two new subscriptions and 50 cents additional. Price, if purchased, \$1.00, postpaid.



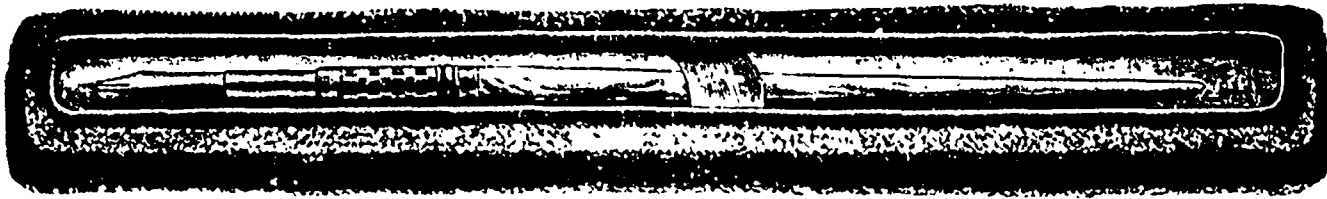
No. 18—Pearl Brooch

The illustration does not do this pin justice, as the outside ring is of pearl, which lends color and attractiveness not obtainable in a cut. The horse's head is of metal in imitation of oxidized silver. A very handsome combination and one which will be sure to please as it is neat and very stylish. For an inexpensive pin it surpasses any we have seen.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.



Farm and Home Premium List—Jewelry Novelties



No. 16—Solid Gold Pen

The beautiful gold-mounted penholder, solid gold pen and satin-lined, plush-covered case shown above would make an excellent gift to any lady. Its value is apparent at a glance.

Given for Four new subscriptions at 35 cents each, or Two new subscriptions and 50 cents additional. Price, if purchased, \$1.00 postpaid.

No. 264—Pearl Penholder

A very pretty holder similar in design to the one shown above. The handle is of pearl, the pen of composition and the mountings of brass, gold plated. Although not near as nice as No. 16, it is a very attractive article and excellent value for the money.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.



No. 95—Solid Gold Fountain Pen

Many of our subscribers have wanted a better fountain pen than we have heretofore offered. We recommend this one (shown above). It is solid gold and the barrel is hard rubber. Well made in every respect and with good usage will last for years.

Given for Four new subscriptions at 35 cents each, or Two new subscriptions and 50 cents additional. Price, if purchased, \$1.00, postpaid.

No. 185—Aluminoid Fountain Pen

For a cheap pen this is unsurpassed. The pen is made of aluminoid, a composition metal which is non-corrosive, and writes as well as steel. The barrel is hard rubber and in appearance equals more costly pens. Very similar in appearance to one shown above, except cap is straight. We send each in a neat box complete with glass filler.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

Automatic Pencils



No. 263—Sterling silver pencil, (not plated), a very useful as well as ornamental article. The lead works automatically, appearing and disappearing by simply twisting the handle. It is made in the very popular rope pattern so universally admired.



No. 8—Gold-plated pencil, very similar to one described above in its action, but the appearance is entirely different being gold plated and handsomely chased. It is well made, nicely finished and heavily plated.

Either of these pencils given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

Silver Novelties

All the articles enumerated below have sterling silver handles, same as toothbrush shown in the illustration, which is two-thirds size. They are all extraordinary values and you will make no mistake by selecting one or more of them.



- | | | |
|-----------------------|----------------------|---------------------|
| No. 120—Letter Seal. | No. 131—Buttonhook. | No. 137—Corn Knife. |
| “ 128—Ink Eraser. | “ 150—Shoe Horn. | “ 156—Hair Curler, |
| “ 146—Letter Opener. | “ 130—Cuticle Knife. | “ 164—Toothbrush |
| “ 175—Roller Blotter. | “ 132—Nail File. | “ 173—Damer. |

Any one of the above articles given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

No. 363—Bon Bon Spoon

Lovers of the unique will admire this spoon it is so different from the ordinary. The bowl is of pearl with bronze metal handle, which is

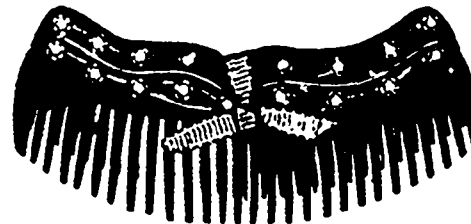


engraved as shown in illustration. A valuable addition to your souvenir spoons. Each sent in a neat satin-lined box.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

No. 278—Side Combs

Have you noticed how many combs for the hair are being worn with imitation diamonds set along the edge? Not the cheap combs, either but



real shell. We might say these are real shell, and few if any could tell the difference, but we don't. They are a very fine imitation, set with nine fine whitestones, and much superior in appearance to those offered last year.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

No. 313—Lucky Colt Brooch

The very latest craze, finished in oxidized silver and very handsome. The design is unique and thoroughly up to date. Although inexpensive, it is nicely made, extremely attractive and supposed to bring good luck to the wearer. Its size admits of its being worn as a belt pin although it was originally intended for a brooch. The illustration shows brooch full size.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.



Gentlemen's Chains

Although we show but a section of these chains, they are both full length with bar for buttonhole.

No. 364—Always fashionable and very neat. Roll gold plate and guaranteed for 5 years.

No. 306—Fancy links, roll gold plate, nicely made and serviceable.

Either of these chains given for Five new subscriptions, at 35 cents each, or Three new subscriptions and 50 cents additional. Price, if purchased, \$1.25, postpaid.

Farm and Home Premium List—Silverware

Are you looking for a nice wedding, Christmas or birthday present? If so, it will pay you to study these offers carefully. These goods are not the cheap, trashy kind so commonly used as premiums, but the kind your jeweler would want to sell you because he would know they would give you satisfaction.

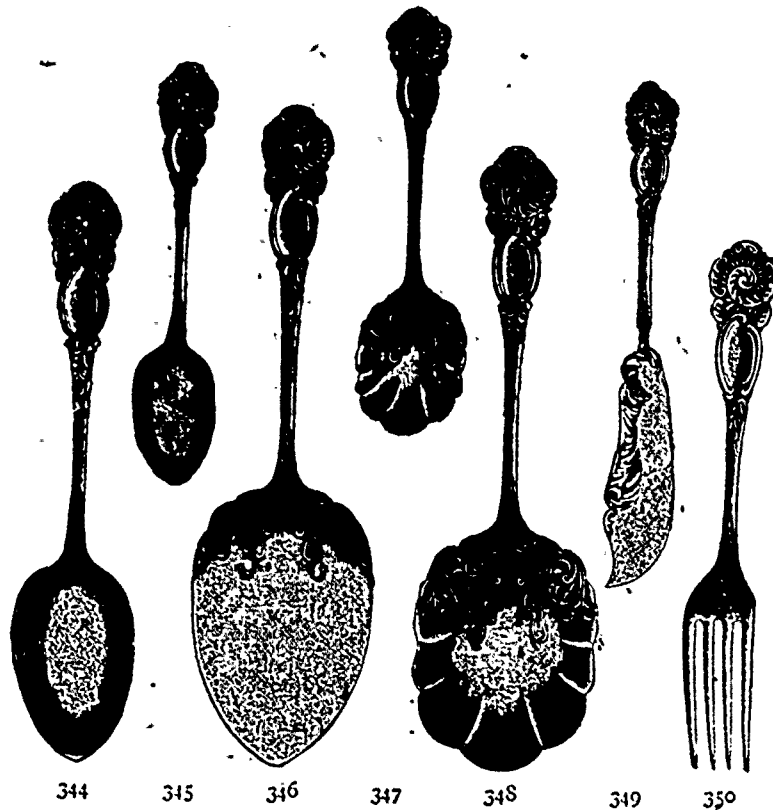
The base or body is not brass, as in the cheaper grade, but a very fine quality of nickel silver. These goods are triple-plated and hand finished, a very expensive operation as each piece is done separately and entirely by hand. We guarantee each piece to wear for at least five years, which shows you we have perfect confidence in the goods.

No. 344—Tablespoons, 8 1/8 inches long, standard size. Six in a set.

One set given for Eight new subscriptions at 35 cents each, or Four new subscriptions and \$1.00 additional. Price, if purchased, \$2.00, postpaid.

No. 345—Teaspoons, standard size. Six in a set.

One set given for Four new subscriptions at 35 cents each, or Two new subscriptions and 50 cents additional. Price, if purchased, \$1.00, postpaid.



No. 346—Pie Knife, 9 1/4 inches long, very handsome and handy for purpose designed.

Given for Three new subscriptions at 35 cents each. Price, if purchased, 75 cents, postpaid.

No. 347—Sugar Shell, 6 inches long, bowl larger than teaspoon and fancy.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

No. 348—Berry Spoon, 8 3/4 inches long, bowl very large and handsome.

Given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

No. 349—Butter Knife, 7 inches long, very neat and pretty design.

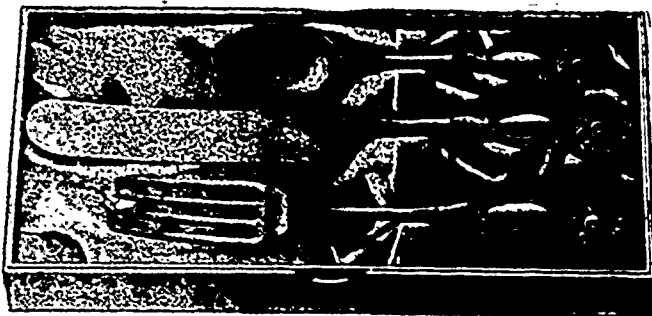
Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

No. 350—Medium Forks, 7 3/8 inches long and very strong. Six in a set.

One set given for Eight new subscriptions at 35 cents each, or Four new subscriptions and \$1.00 additional. Price, if purchased, \$2.00, postpaid.

No. 351—Child's Set

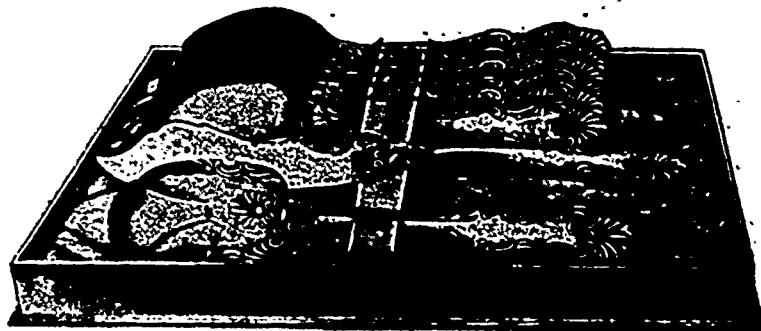
In every way, this set is equal to the articles described above. The style, workmanship and amount of silver are the same, and they will give excellent satisfaction. Each set is packed in a silk lined box which adds much to its attractiveness.



Given for Three new subscriptions at 35 cents each. Price, if purchased, 75 cents, postpaid.

No. 209—Table Set

A very little work will secure these for you. Just think what you are getting; six teaspoons, a sugar shell and a butter knife, all heavily silver-plated over white metal in a neat leatherette case. These goods are made to wear and will give good satisfaction. These are not the same as those advertised by department stores and fake houses, but are made by a good reliable company whose reputation would be at stake if they sold poor goods. They are good enough for anybody and our offer is



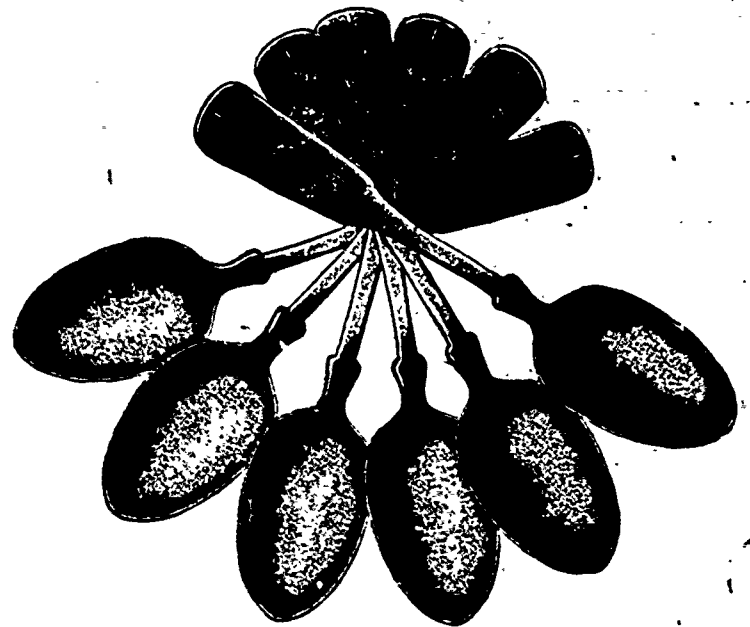
liberal enough so everyone can have them. Take time by the forelock and get up a club at once and receive a set free. They will look handsome on your sideboard and come in very handy when you have company, even if you do not wish to use them every day.

Given for Five new subscriptions at 35 cents each, or Three new subscriptions and 50 cents additional. Price, if purchased, \$1.25, postpaid.

No. 609—Initial Teaspoons

These spoons are not silver-plated, but are made of a composition metal known as nickel silver which looks very much like silver. They are superior to cheap plated ware as they are solid and consequently never wear brassy, but always retain their original color.

This illustration shows the style of spoon and initial, one-half size. They are quite heavy and will wear longer than sterling silver as the metal is harder. We can supply them engraved with any initial desired, or plain, as you prefer. Although not



nearly as expensive as first-class silver-plated spoons they answer every purpose, and as we have used thousands of sets and never received a complaint, we feel that we can more heartily recommend them this year than ever before.

When ordering be sure and state initial desired, as otherwise we shall send them plain.

Given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

No. 352—Silver Plated Knives

These knives are made of steel and very heavily silver-plated. Owing to lack of space we are unable to illustrate this set, but they are the regular size with plain handle and warranted 12 dwt. They are made for service and we guarantee every knife.

Set of six knives given for Eight new subscriptions at 35 cents each, or Four new subscriptions and \$1.00 additional. Price, if purchased, \$2.00, postpaid.

Farm and Home Premium List—Silver Goods.

No. 88—Silver Pitcher

In appearance this creamer equals the best; in fact, it is patterned after the most popular solid pitcher ever made. It is guaranteed, quadruple silver plated on a basis of hard white metal, hand finished, gold lined, and carefully made in every respect. It is 3 1-2 inches high and 4 1-4 inches wide, including the handle, as shown in the illustration. A very handy size, and well proportioned. A model of its kind, and only surpassed by solid silver.



No. 85—Silver Sugar Bowl

All we have said regarding the cream pitcher is also true of the sugar bowl. They are not the cheap kind you so often see advertised, but goods that are made to wear and give good satisfaction. The sugar bowl is 3 1-2 inches high and 5 3-4 inches wide, including the handles. Either would make an excellent wedding or Christmas gift.



Either the Cream Pitcher or Sugar Bowl described above given for Six new subscriptions at 35 cents each, or Three new subscriptions and 75 cents additional. Price, if purchased, \$1.50 each, postpaid.

No. 92—Crumb Set



This is a very useful as well as handsome set consisting of a crumb tray and scraper, both quadruple silver plated and made for hard service. An article of this sort gets considerable wear and it pays to get the best, therefore we do not offer our readers the cheap kind, as it would not prove satisfactory. This we can guarantee and know you will be more than pleased with both appearance and wearing qualities.

Given for Seven new subscriptions at 35 cents, or Three new subscriptions and \$1.00 additional. Price, if purchased, \$1.75 postpaid.

No. 246—Toothpick Holder

You wouldn't think of putting soup into the sugar bowl, then why do you keep your toothpicks in any receptacle which comes handy? Why not have one of these holders and make your table look dressy? They will wear well, as they are quadruple silver plate over white metal with gold lining; they look handsome, as the workmanship is the best and the style up to date.



Given for Three new subscriptions at 35 cents each. Price, if purchased, 75 cents, postpaid.

No. 101—Child's Cup



This cup is an exact imitation of one of the most popular solid silver cups made. It is rich and attractive in appearance, carefully finished throughout, gold lined and quadruple silver plated. The bowl is 2 5-8 inches high, and 2 1-2 inches in diameter.

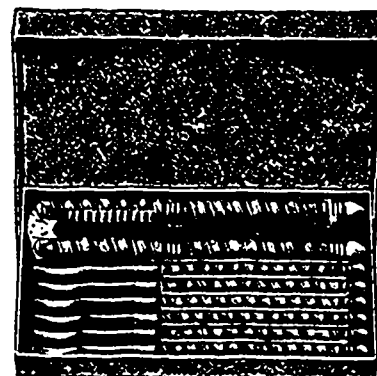
In appearance, it equals those costing many times as much, and will wear well and give excellent satisfaction. It is made by one of the best manufacturers in the country, and is offered for sale by some of the largest and most reliable silverware houses, which sell only reliable goods.

Given for Three new subscriptions at 35 cents each. Price, if purchased, 75 cents, postpaid.

No. 330—Nutpicks and Nutcrack

There are many sets of this description sold which are useless, being made of iron, brass or lead, and while they look as well, they last but a short time. This set is constructed of steel, handsomely chased, and heavily silver plated. They are first nickel plated, upon which is deposited a heavy coat of silver, a process which insures its wearing qualities. They are well made in every respect, and intended for practical use.

Each set is sent in a neat cloth-lined box, and would make a very attractive gift, sure to be appreciated.



Given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

No. 308—Dragon Chatelaine

Solid sterling silver, oxidized, and eye set with emerald. Unique and tasty. Can be worn as a brooch or chatelaine.

Given for Three new subscriptions at 35 cents each. Price, if purchased, 75 cents, postpaid.



No. 79—Scissors

Every lady likes pretty things, and why shouldn't she have them when they cost no more? These scissors have first-class steel blades with sterling silver handles. Very handsome and just as useful as those of all steel.

Given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

No. 336—Emery Bag

A lady's workbasket is not complete without an emery bag for keeping her needles bright and smooth. This one, in the shape of a strawberry with sterling silver top, is a beauty and will be found a valuable addition to every sewing outfit.

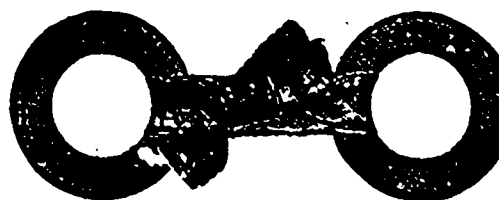
Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.



No. 257—Pulley Rings

With a ribbon belt these rings are very stylish and handsome. They are made of pearl and much superior in appearance to those made of metal. The illustration does not do justice to these beautiful rings, as the beautiful appearance is hard to realize until seen.

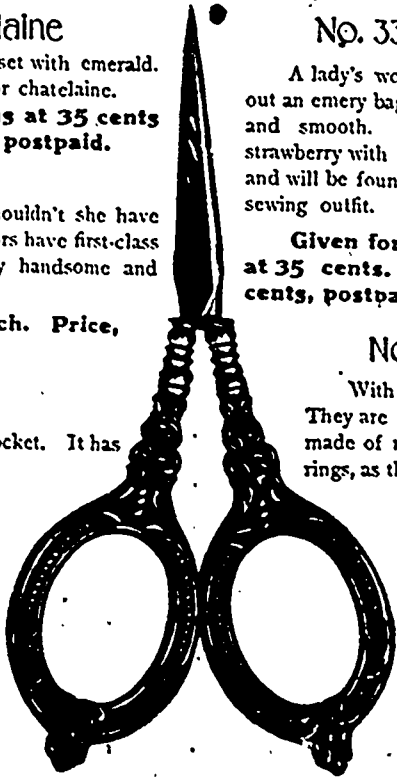
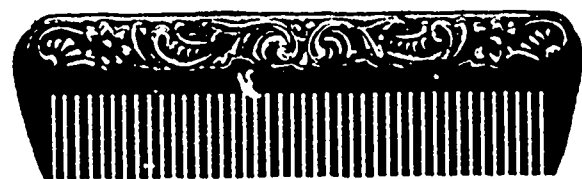
Given for One new subscription at 35 cents. Price, if purchased, 25 cents per pair, postpaid.



No. 337—Pocket Comb

A very handy article, small and convenient to carry in the pocket. It has sterling silver top, which greatly adds to its appearance.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.



WE import all our optical goods (with the exception of cameras) direct from France. We are thus enabled to give our subscribers very much better value than those who buy from jobbers or importers. In selecting optical goods, the lenses should have the first consideration. We are very careful that the lenses in every case are first-class. After we have satisfied ourselves on that point, we look to the material and finish; if these are satisfactory, we consider we have an article good enough for our subscribers, but not until then do we put an article in our list.

No. 224—Achromatic Telescope

The telescope shown in this illustration is not only beautiful in appearance, but is well made, finely finished and fitted with the very best French Achromatic lenses. The slides and mountings are of brass, highly polished and lacquered and the body is covered with fine French morocco. When looking through this glass an

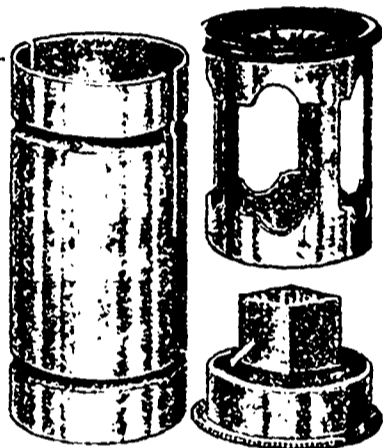


object 12 miles distant appears but one mile away. When not in use, the larger lens is protected by a brass cap and the smaller by a slide, thus excluding the dust and preserving the lenses. It measures when extended 16 1/2 inches, when closed but six inches. We include with each a neat black carrying case.

Given for Ten new subscriptions at 35 cents each, or Five new subscriptions and \$1.00 additional. Price, if purchased, \$2.50 postpaid.

No. 472—Microscope

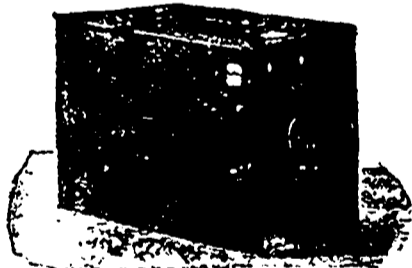
As regards power and convenient handling, good judges pronounce this microscope the best ever introduced for popular use. The cylindrical case is manufactured from highly polished brass, while there are two separate lenses—one at each end of the microscope. The larger glass is adapted for examining insects of various kinds, the surface of the skin, the hair, fur, or any small articles. The other lens is exceedingly powerful, and will clearly delineate every small object entirely invisible to the naked eye. Thousands of living animalcules can be seen in a single drop of stagnant water. Everybody should own a microscope, and to this end we have placed this within the reach of all.



Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

No. 4—Ray Camera

Here is a camera which we can heartily recommend to our subscribers, not as a toy, but a thoroughly practical camera, that will do as good work as any 4x5 camera made. It is fitted with the improved single Meniscus lens, the finest universal focus lens made, giving fine definition and depth of focus, patent rotary shutter for time and instantaneous exposures, with speed adjustment, revolving diaphragm, with three stops and patent multiplying device; vertical and



horizontal view finders; two tripod sockets, and covered with fine seal grain leather. Given for Sixteen new subscriptions at 35 cents each, or Eight new subscriptions and \$2.50 additional. Price, if purchased, \$5.00, express prepaid.

No. 5—Camera and Outfit

The cheapest camera made which uses plate-holders. Takes pictures 2 1/2 by 3 1/2 inches in size, and while not as good as a more expensive camera, is a fine camera for the beginner. It is imitation leather covered, has one view finder, time and instantaneous shutter, and is perfectly focused and thoroughly tested before leaving the factory. The outfit consists of tuning tray, developing tray, developer, hypo, plates, printing frame, self-toning paper, instruction book, one plate-holder.



Given for Four new subscriptions at 35 cents each, or Two new subscriptions and 50 cents additional. Price, if purchased, \$1.00. Sent by express at receiver's expense.

No. 73—Field Glass

In appearance this glass equals many higher-priced ones. The bodies and sun shades are morocco covered and the slides, mountings and trimmings are heavily enameled with a fine quality of black enamel. The lenses enlarge 24 times, making an object appear when looking through the glass to be 24 times as large as when seen by the naked eye. When closed it is 6 inches high and 5 inches wide; when extended, with sun shades, is 8 1/4 inches high. A fine black carrying case and strap accompany each, as shown in illustration.



Given for Ten new subscriptions at 35 cents each, or Five new subscriptions and \$1.25 additional. Price, if purchased, \$2.50. Sent by express at receiver's expense.

No. 78 Reading Glass

This glass, while not large, being but 2 inches in diameter, is very powerful as you can see from the illustration which shows you how the type used in Farm and Home would appear when using the glass. It has a metal shank and rim, heavily nickel plated and an ebonized handle. There is nothing fancy about it, but for results it is a wonder for its size. It will prove invaluable to any one whose eyesight is at all affected, and is also very handy in examining fabrics, insects, etc.



No. 2 Reading Glass

For the benefit of those desiring a larger glass than the one described above we present this one, which is 3 1/2 inches in diameter and of course covers a larger surface, requiring less moving to use. It is the same as illustration except in point of size.

Given for Three new subscriptions at 35 cents each. Price, if purchased, 75 cents, postpaid.

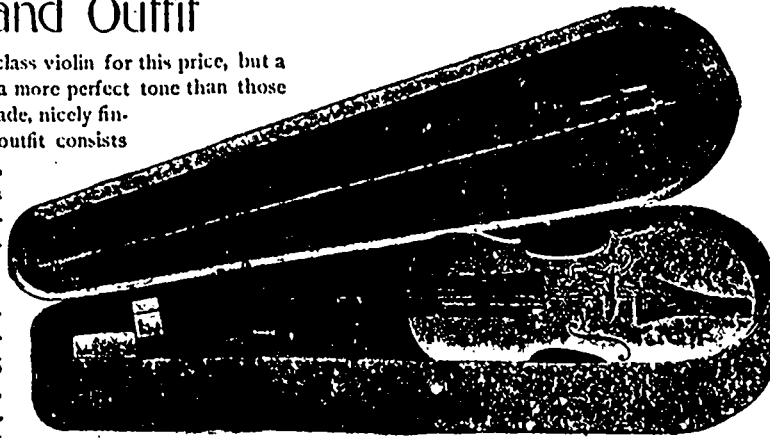
Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

Farm and Home Premium List—Musical Goods

No. 75—Violin and Outfit

You would not naturally expect a first-class violin for this price, but a professor in Minneapolis writes that it has a more perfect tone than those sold in that section for \$10. It is well made, nicely finished and exceptionally good value. The outfit consists of a good quality bow, an extra set of strings, a box of rosin, and an instruction book in a neat pasteboard case. It is an excellent outfit for the beginner, and will compare favorably with many higher-priced instruments.

Given for Fourteen new subscriptions at 35 cents each, or Seven new subscriptions and \$1.75 additional. Price, if purchased, \$3.50. Sent by express at receiver's expense. Shipping weight about 10 lbs.



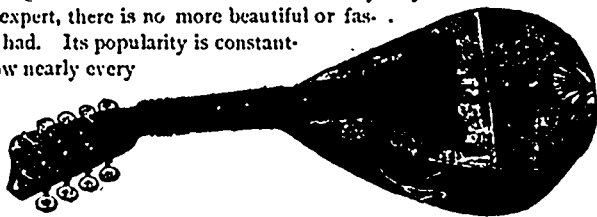
No. 356—Violin

Anyone wishing a better outfit than our No. 75 will do well to secure this one. The violin is very fine shape, nicely colored, with ebony finger board; the bow is a beauty and carefully made. We supply with this outfit a fine wooden carrying case, an extra set of strings, a box of rosin, and a fine instruction book, all first quality and sent carefully packed.

Given for Twenty new subscriptions at 35 cents each, or Ten new subscriptions and \$3.00 additional. Price, if purchased, \$6.00. Sent by express at receiver's expense. Shipping weight about 15 lbs.

No. 203—Mandolin

Unlike most stringed instruments, the mandolin is very easy to learn, and when in the hands of an expert, there is no more beautiful or fascinating music to be had. Its popularity is constantly increasing and now nearly every musically inclined person owns one. This one, although remarkably cheap, is well made and finished. It has nine ribs, light finish with green inlaying between, high varnish finish, black walnut finger board, and tortoise celluloid guard plate, ivory position dots, nickel-plated tail piece, and machine head.



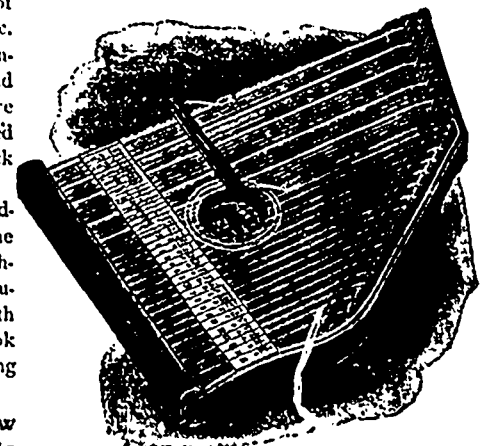
Given for Eight new subscriptions at 35 cents each, or Four new subscriptions and \$1.00 additional. Price, if purchased, \$2.00. Sent by express at receiver's expense. Shipping weight about 10 lbs.

No. 339—Columbia Zither

This instrument is in some respects similar to the autoharp, but is much larger, more complete and capable of producing most excellent music. It is 20 by 14 inches in size, finished in ebony, piano polished and handsomely decorated, has five groups of chords, and nickel-plated damper. Warranted not to crack or warp.

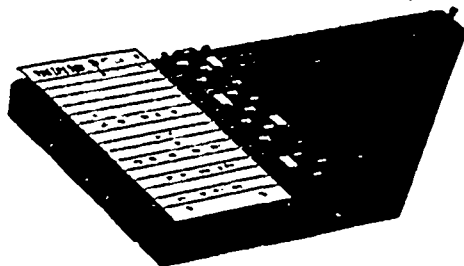
A beautiful and valuable addition to any home, taking the place of the piano at a price within the reach of all. Each instrument sent complete in a box with tuning key, picks, instruction book and beginners' charts, enabling anyone to play at sight.

Given for Twelve new subscriptions at 35 cents each, or Six new subscriptions and \$1.50 additional. Price, if purchased, \$5.00. Sent by express at receiver's expense.



No. 181—The Phonoharp

This is an improvement on the old style zither, as it is fitted with a metallic bridge, over the entire 15 strings, and by its use many and various chords can be produced with no possible chance of a discord. Although the base is solid it is capable of producing excellent music, and by following the instructions anyone can learn to play in a very short time. Each is neatly packed with instructions, music,



picks and tuning key.

Given for Four new subscriptions at 35 cents each, or two new subscriptions and 50 cents additional. Price, if purchased, \$1.00. Sent by express at receiver's expense. Shipping weight about 5 lbs.

No. 340—Sousa's Band Harmonicas

Any person acquainted with the harmonica will appreciate the ease with which this one can be played. It is first-class in every respect, being well made, with



heavy, brass nickel plated covers, open at the back, and has ten double holes, as shown in illustration. These harmonicas have the approval of John Philip Sousa, without whose signature none are genuine. If you wish a fine harp at a moderate price don't fail to take advantage of this offer.

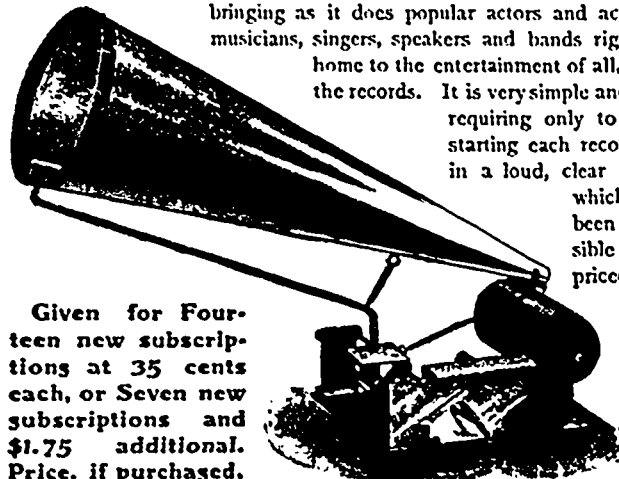
Given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

No. 341—This harmonica is identical in appearance with the one shown above, except the holes, which are single instead of double. It is somewhat smaller but is a remarkable instrument at the price.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

No. 11—Micrograph

The value of this machine can scarcely be realized until you have owned one, bringing as it does popular actors and actresses, celebrated musicians, singers, speakers and bands right into your own home to the entertainment of all, at the expense of the records. It is very simple and easy in its action, requiring only to be wound before starting each record. It reproduces in a loud, clear and distinct tone,



which has heretofore been considered impossible in any but a high-priced machine. We send one record with each machine. Any additional records desired may be secured from your local dealer.

Given for Fourteen new subscriptions at 35 cents each, or Seven new subscriptions and \$1.75 additional. Price, if purchased, \$3.50. Sent by express at receiver's expense. Shipping weight about 10 lbs.

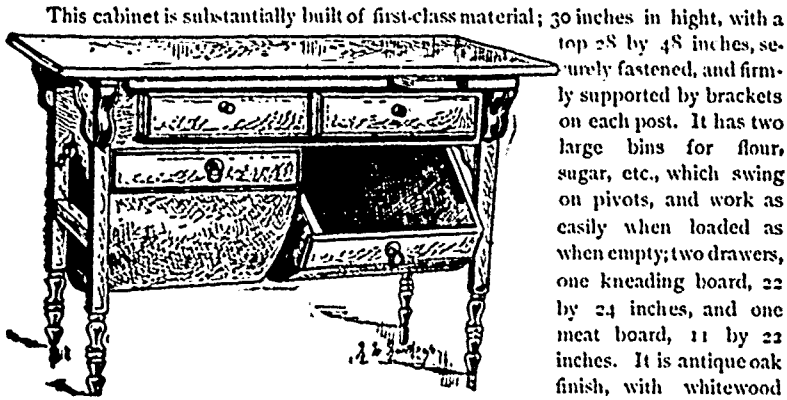
No. 165—Metalaphone

This instrument although originally intended as a toy has been found so universally accurate and sweet in its tone that it is now for sale by the leading music houses, and is proving a dangerous rival to the cheap xylophones, and has the advantage of being lower in price. It requires but little practice, and any tune can be played upon its 15 keys, which are lettered and handsomely nickel-plated.



Given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

No. 326—Kitchen Cabinet



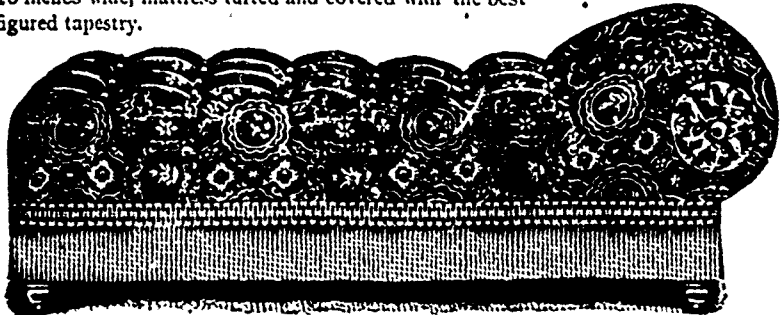
This cabinet is substantially built of first-class material; 30 inches in height, with a top 28 by 48 inches, securely fastened, and firmly supported by brackets on each post. It has two large bins for flour, sugar, etc., which swing on pivots, and work as easily when loaded as when empty; two drawers, one kneading board, 22 by 24 inches, and one meat board, 11 by 23 inches. It is antique oak finish, with whitewood

top and slides. It is shipped securely crated from Buchanan, Mich. and weighs when packed about 100 lbs.

Given for Eighteen new subscriptions at 35 cents each, or Nine new subscriptions and \$3.00 additional. Price, if purchased, \$6.00. Sent by freight at receiver's expense.

No. 174—Turkish Couch

The couch shown below has 26 springs, full spring edges and end; is 6 feet long, 26 inches wide, mattress tufted and covered with the best figured tapestry.



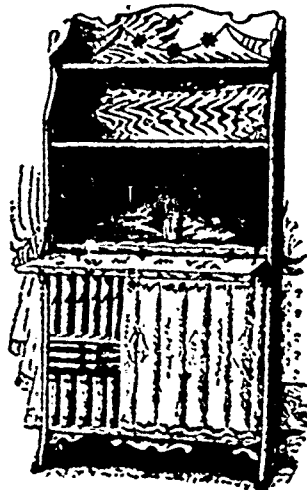
Given for Twenty new subscriptions at 35 cents each, or Ten new subscriptions and \$2.50 additional. Price, if purchased, \$5.00. Sent by freight from Chicago at receiver's expense.

No. 145—Desk and Bookcase

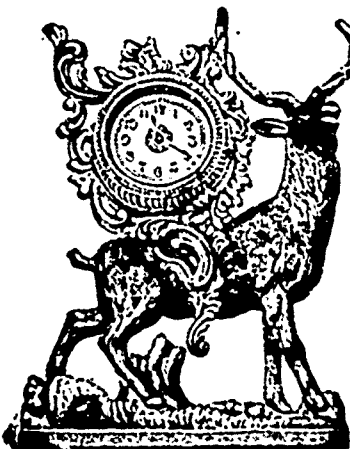
This is really two articles in one, being a complete desk and bookcase. It is constructed of solid oak, antique finish and polished. The desk is perfect in all its appointments, with pigeonholes and compartments for the various articles of stationery. The lid when down forms the writing surface, which is sufficiently large for all practical purposes.

There are four shelves, which can be used for books or other articles as you desire. It is 5 feet high, 2 1-2 feet wide, and 10 1-2 inches deep.

Given for Sixteen new subscriptions at 35 cents each, or Eight new subscriptions and \$2.50 additional. Price, if purchased, \$5.00. Sent by freight from Buchanan, Mich. at receiver's expense.



No. 69—Gold Clock

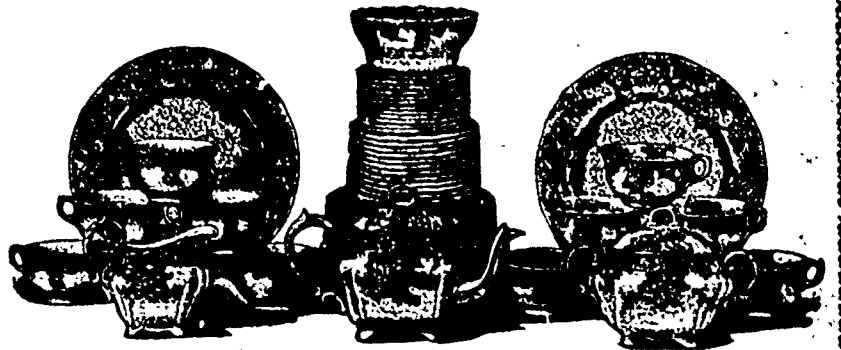


What lends more to the decoration of a room than a pretty clock? This very attractive clock is not only very handsome in appearance but is a good timekeeper as well. It is gold plated; not gilt, but genuine gold with enamel decorations. No illustration can do it justice. It stands 8 1-2 inches high and is 6 1-4 inches wide. We cannot speak too highly of this premium, as we know it will please you and more than meet your highest expectations. Shipping weight 5 pounds.

Given for Twelve new subscriptions at 35 cents each, or Six new subscriptions and \$1.50 additional. Price, if purchased, \$3.00. Sent by express at receiver's expense.

No. 113—Decorated Tea Set

There are in this set 56 pieces as shown in illustration. All decorations are "underglaze" and warranted not to rub or wear off. They are not French China but the celebrated English ware, which for ordinary purposes is considered superior and costs much less. It is a very handsome set and well worth working for.



Given for Twenty new subscriptions at 35 cents each, or Ten new subscriptions and \$2.00 additional. Price, if purchased, \$4.50. Sent by freight from Boston, Mass. at receiver's expense. Shipping weight about 30 lbs.

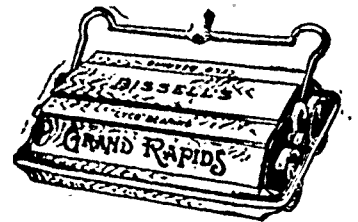
No. 30—Carpet Sweeper

Probably one of the greatest labor-saving devices ever invented for women's use is the carpet-sweeper. One sweeper will outlast 50 brooms, so it cannot be called expensive but on the contrary is extremely economical.

This is Bissell's most popular pattern. It is fitted with "Cyclo" bearings, dust-proof axle tubes and anti-raveler device, which not only give the bearings absolute freedom from dust, etc, but make it run easier and sweep much cleaner. It is well finished, with full nickel trimmings, noiseless rubber tires, dumping device, and rubber furniture protector.

We can ship these from Grand Rapids, Mich. or Springfield, Mass. as you desire.

Given for Ten new subscriptions at 35 cents each, or Five new subscriptions and \$1.00 additional. Price, if purchased, \$3.00. Sent by express at receiver's expense. Shipping weight about 10 lbs.



No. 365—Parlor Lamp

Something everyone needs, and such a one as this is a wonderful addition to any room. It is 24 inches high, with a 10 inch globe, nicely decorated with Scotch thistle and morning glory. It has rich gold base with central-draft burner, complete with chimney and wick, all ready to fill and light. It is a lamp which you would be proud of as the style is up to date, and the decorations very neat and pretty. Do not condemn it on account of its low price, for the burner is as good as the best and all extra you might pay would be for more expensive decorations.

Given for Ten new subscriptions at 35 cents each, or Five new subscriptions and \$1.25 additional. Price, if purchased, \$2.50. Sent by express or freight at receiver's expense. Shipping weight about 10 lbs.



No. 122—Celluloid Photo Album

The general appearance of this album far surpasses any we have heretofore offered. It is 10 1-2 inches long, 8 1-2 inches high and has spaces for 36 pictures, 20 cabinet and 16 card size. Both sides are covered with celluloid, and the back and corners with plush. The book is well made throughout, the leaves gilt-edged and has gilt extension clasp. The cover as shown in illustration is remarkable for its beauty, owing to its fine coloring and attractive subject.

Given for Four new subscriptions at 35 cents each, or Two new subscriptions and 50 cents additional. Price, if purchased, \$1.00. Sent by express at receiver's expense. Shipping weight about 4 lbs.



Farm and Home Premium List—Leather Goods

No. 9—Calfskin Wallet

This elegant wallet is made of genuine calfskin, soft, flexible and convenient, having four pockets for cards, memoranda and coin, and one for bills which is



fastened by an extra strap making it doubly secure. It is exceptionally well made, leather lined, and very serviceable.

Given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

No. 49—Alligator Pocketbook

Any lady wishing a really fine pocketbook will do well to consider this one. It is made of genuine alligator skin, leather lined throughout with metal clasp coin pocket, one pocket with flap, and three open pockets. A

book having plenty of room, yet small, being but 4 1-2 by 2 1-2 inches in size. A very handsome, well-made book, and although a little more expensive than some, is well worth the difference.

Given for Three new subscriptions at 35 cents each. Price, if purchased, 75 cents, postpaid.

No. 17—Finger Purse

This style purse has a decided advantage over all others, being so handy to carry and incapable of being lost. No matter how many bundles you may have, this purse is never in the way, and yet always handy and safe. You simply slip your finger through the strap, which keeps it securely closed, and does not hinder the free use of the hand.

It has two pockets, and is made of genuine alligator skin.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

No. 40—Boston Bag

The popularity which this bag has obtained is something remarkable, but when you consider its usefulness, wearing qualities, and the fact that it is probably the handiest shopping bag ever devised, it is no wonder the ladies were not slow to appreciate it. The body is of heavy cloth, lined throughout, the base and handle

are leather, and it fastens as shown in illustration by a strap.

Given for Three new subscriptions at 35 cents each. Price, if purchased, 75 cents, postpaid.



No. 187—Double Pocketbook

In reality, this is two books in one. Each side is a complete book in itself, having a metal clasp coin pocket and two bill or card pockets. Thus you have one of the most roomy books ever made and no larger than the ordinary pocketbook. It is made of seal grain leather, leather lined, and decorated with



handsome metal ornaments as shown in illustration, making a very attractive as well as a most convenient book.

Given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

No. 44—Handy Purse

This all-leather purse is probably the most convenient purse made for gentlemen's use. When open as shown in cut, is 10 1-4 inches long, when closed, but 3 1-2 by 2 5-8 inches in size. Very compact, neat

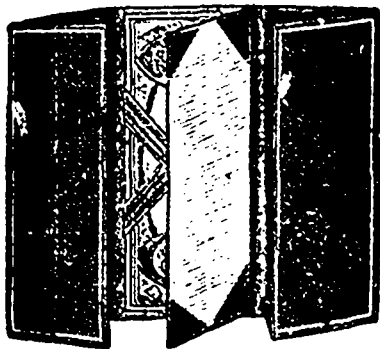


and safe. If change only is wanted, it is unnecessary to open bill pocket. It is entirely of leather and leather lined, well made and consequently will stand very hard and long service.

Given for Two new subscribers at 35 cents each. Price, if purchased, 50 cents, postpaid.

No. 41—Billbook

An excellent book for the farmer, combining as it does many novel features not found in the ordinary billbook. The two large pockets on the side are for valuable papers, memoranda, bills, etc. Your money is held by a very clever device under the pad of paper

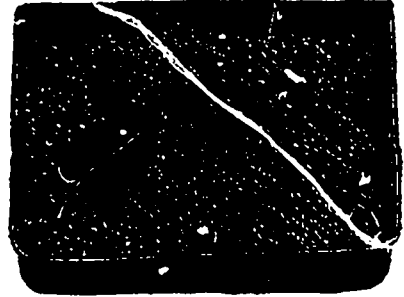


in the center. It cannot shake out as it is held in place by tapes and is entirely out of sight unless you lift the pad as shown in cut. This book is well made throughout and exceptionally good value.

Given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

No. 45—Ladies' Pocketbook

The quality of this book is very nearly as good as our 50 cent book, but it has no ornaments and only one coin, one card and two bill pockets. It is



made of seal-grain leather and leather lined. We are sure it will please.

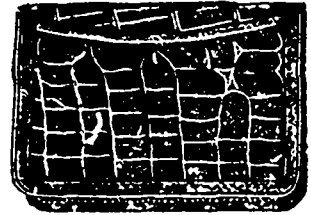
Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

No. 186—Alligator Purse

This is really a miniature pocketbook made of genuine alligator, leather lined, with three open and one metal clasp pocket inside, one card and one handkerchief pocket on outside. It is 3 1-2 by 2 1-4 inches in size, and while very small and convenient to carry, will hold considerable.

Remember they are not imitation but genuine alligator.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.



Ladies' Chatelaine Bags

A very handy and popular article and something that every lady should have. Either of the bags described below is well worth working for and exceptionally good value.

No. 46—Black seal-grain leather, leather lined, with metal clasp and rings. Well made, neat and will wear well. Size of bag 4 1-2 by 5 inches.

Given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

No. 48—Made of a very fine quality leather, soft and flexible; metal clasp and rings, nickel-plated; finely finished and strongly made, and has handkerchief pocket on outside. Size of bag 5 by 5 inches. We can unhesitatingly recommend this bag.

Given for Three new subscriptions at 35 cents each. Price, if purchased, 75 cents, postpaid.

No. 43—Ladies' Belt

This graduated pulley belt is at present very stylish, the buckle belts being very little worn now. Made of leather and fastened by ribbons which are attached to belt and brought through opposite ring and tied in



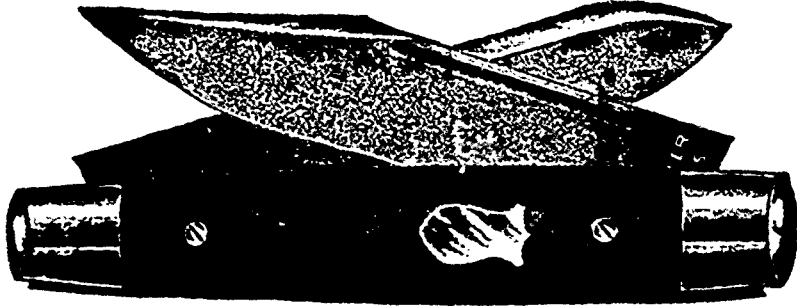
a bowknot making a very neat appearance. With this belt there is no trouble as to size, as you simply draw the ribbons as tight as you please.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

Farm and Home Premium List—Cutlery

No. 365—Jackknife

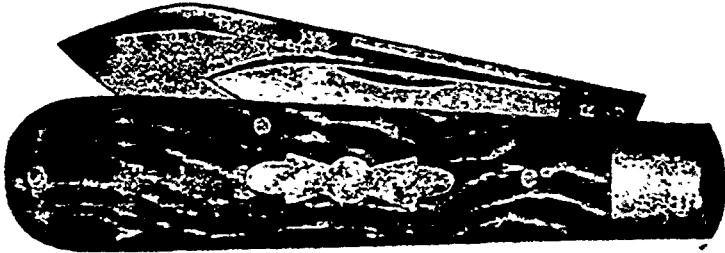
A very heavy knife, well made, fine steel blades, carefully tempered and ground; steel lining and tips and German silver shield. A knife made to stand hard usage.



Given for Four new subscriptions at 35 cents each, or Two new subscriptions and 50 cents additional. Price, if purchased, \$1.00, postpaid.

No. 162—Heavy Pocketknife

An excellent knife for service, made of fine steel, tested and fully guaranteed. Has two blades, as shown in cut, and we have no hesitation in saying that it is the best knife ever offered for the money.



Given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

No. 367—Pocketknife

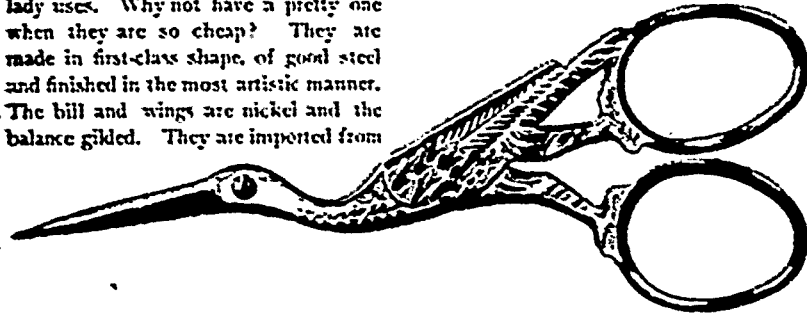
A very desirable knife, small enough for the pocket, yet heavy enough for average use. Has two fine steel blades, finely tempered and ground; brass lined, steel tips and stag handle. Illustration shows knife full size.



Given for Three new subscriptions at 35 cents each. Price, if purchased, 75 cents, postpaid.

No. 250—Stork Scissors

Here is a novelty and sure to please; not only attractive, but something every lady uses. Why not have a pretty one when they are so cheap? They are made in first-class shape, of good steel and finished in the most artistic manner. The bill and wings are nickel and the balance gilded. They are imported from



Germany. Can you think of anything that would make a better birthday or Christmas present to any lady?

Given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

No. 355—Razor

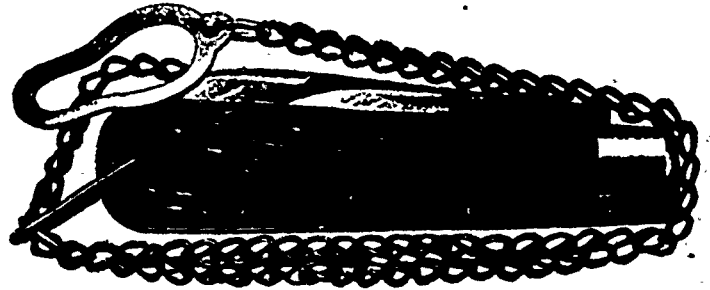
The cutting qualities of this razor could not be improved upon. The grinding is absolutely perfect and the blade is of finely tempered steel and nicely finished. It is medium size and will shave any beard.



Given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

No. 202—Boys' Chain Knife

Here's a new idea and a very popular one. Every boy wants a knife he can't lose, and this one just fills the bill. The illustration shows the knife and chain full size. These knives are imported from Germany and are strong and serviceable.



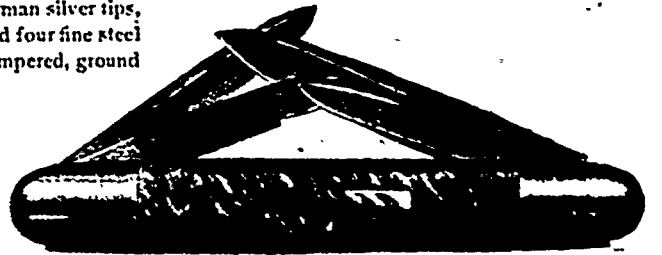
The chain, which is nickel plated, is long enough so as not to interfere with the free use of the knife. You can, of course, see the advantage this knife has over others; as one takes the place of a dozen or more lost ones.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

No. 354—Pearl Knife

A very dressy knife, suitable for all occasions. Nicely made and finished, brass lined, German silver tips, pearl handle and four fine steel blades finely tempered, ground and polished.

Given for Three new subscriptions at 35 cents each. Price, if purchased, 75 cents, postpaid.



Ladies' Shears

What is more exasperating than a pair of shears that won't hold their cutting edge? We assure you that either of the shears described below are first-class in every respect and will give perfect satisfaction.

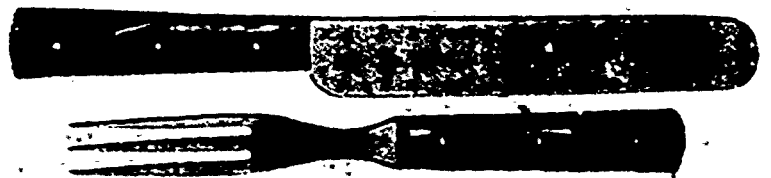


No. 6—Nickel Shears—A very handsome, finely finished, nickel-plated shears with good cutting and wearing qualities, 7 inches long, forged from the finest steel and hardened and tempered by experts.

No. 7—Enamel Shears—This is 8 inches long and all that has been said above, applies to this one except, instead of being nickel plated, the handle is enameled. Just as good, but not so pretty.

Either of the above shears given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

Steel Knives and Forks

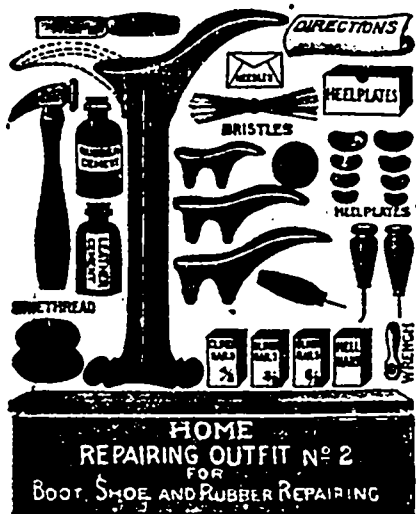


No. 247—This set of six steel knives is made of good steel, nicely ground, with wooden handles. Very strong and well made.

No. 249—Set of six steel forks made to match knives.

Either set given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

No. 332—Shoe Repairing Outfit



This is the result of years of study and experiment in the manufacture of iron lasts and repairing outfits. It consists of 33 first-class tools and materials, shown in cut, including iron lasts, iron stand, shoe hammer, knife, awls and handles, rubber and leather cement, bristles, thread, wax, clinch nails, heel nails, heel plates, harness needles and directions. In this outfit will be found everything necessary to do half-soleing, rubber boot, shoe and harness repairing. These tools if purchased separately would cost much more than we ask for the entire outfit.

Given for Five new subscriptions at 35 cents each, or Three new subscriptions and 50 cents additional.

Price, if purchased, \$1.25. Sent by freight from Portsmouth, O. at receiver's expense.

No. 334—Handy Repairing Outfit

This outfit, which is larger and more complete than the one described above, consists of 11 additional articles, especially designed to meet the requirements of those desiring tools and materials necessary to do all kinds of harness and tinware repairing. The tools and materials are all first-class, and not the cheap kind so often put in outfits of this nature.

Before ordering either of the above described outfits we would advise our subscribers to ascertain the probable freight charges and thereby save any dissatisfaction, as the freight charges to points west of the Rocky mountains are often excessive.

Given for Six new subscriptions at 35 cents each, or Three new subscriptions and 75 cents additional. Price, if purchased, \$1.50. Sent by freight from Portsmouth, O. at receiver's expense.

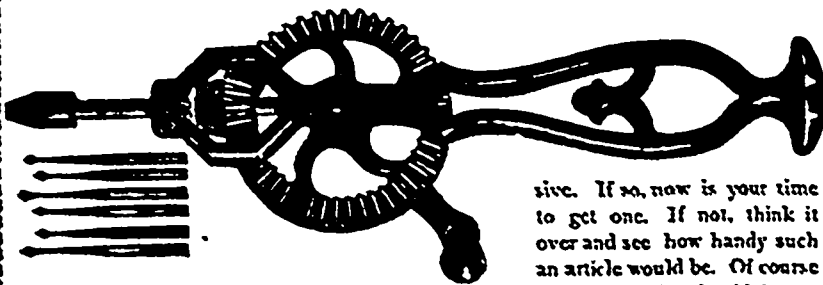
No. 429—Soldering Set

Here is a soldering outfit without a rival. In mending two or three articles the kit will more than pay for itself. It is intended for family use and everyone using tin, brass, copper ware, etc. It contains everything required for doing a job of repairing, and is accompanied by full and complete directions for use. The set consists of a fine soldering iron, scraper, box of rosin and solder, all packed in a neat box as shown in cut.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

No. 215—Hand Drill

Perhaps you have often wanted one of these tools but found them very expensive.



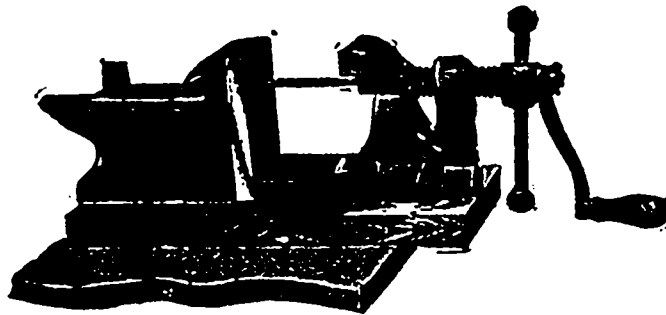
If so, now is your time to get one. If not, think it over and see how handy such an article would be. Of course

you could use one to advantage, and as this one is now so cheap, why shouldn't you have one? Six drills of different sizes accompany each tool. They are made of the best of steel and will give good satisfaction.

Given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

No. 338—The Home Mender

At first glance you would think it was a large vise. It is, but it is also more than that. It is six tools in one as follows: Vise, anvil, cut-off or hardy, pipe clamp and drill bit. Jaws of vise are three inches wide and open 9 inches. With this handy combination you can hold iron or wood up to nine inches in width in the vise, drill holes up to 1/2 inch with the drill, hammer and rivet on the anvil, cut iron with



the hardy or cut-off, hold pipe up to 2 inches for threading or cutting with the pipe clamp, and do many other handy and useful things. It will save its cost in three months to anyone in need of tools. Ordinary square shank drill bits fit this machine. To the farmer an article of this kind is indispensable, being extremely useful in almost all kinds of repair work. A more handy combination of tools would be hard to find and our very liberal offer places it within the reach of all.

Given for Ten new subscriptions at 35 cents each, or Five new subscriptions and \$1.50 additional. Price, if purchased, \$3.00. Sent by freight from Bloomfield, Ind. at receiver's expense. Shipping weight about 30 lbs.

No. 170—Crispin's Awl

A tool of this description will be found useful many times when a small repair on the harness is necessary. It is also a good thing to have with you when driving, as accidents are liable to happen, and its use once in such a

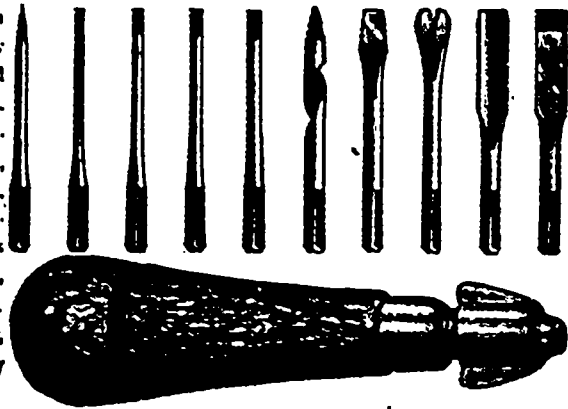


case would be worth many times its cost. The Crispin awl has a hollow ebonized handle, five inches long, and weighing but three ounces. It contains inside, on a spool, 50 feet of best waxed linen shoe thread, and the spool which is hollow, contains three awls and five needles of various shapes and sizes.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

No. 335—Tool Holder

This holder is superior in many ways to any we have before offered our readers. The tools are much larger, consequently more serviceable and made of good steel. There are four brad-awls of different sizes, a scratch awl, gimlet, screw-driver, tack puller, gouge and chisel as shown in illustration, which is one-half size. The handle is hollow, and all the tools may be kept therein.

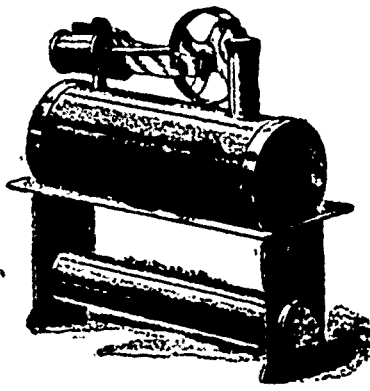


This tool holder is equipped with a very fine chuck, operated entirely by hand. This is a valuable feature, doing away with the necessity of always having a wrench handy, and saving much time and trouble.

Given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

Farm and Home Premium List—Games and Toys

No. 180—Baby Steam Engine



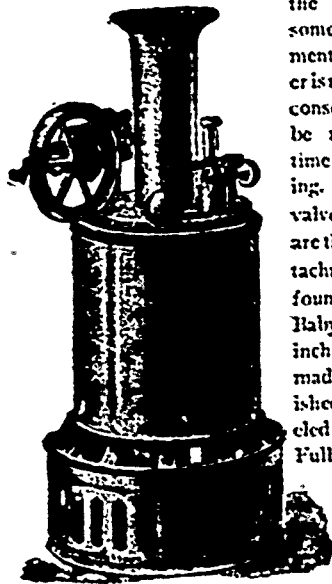
This engine although extremely simple is absolutely safe and thoroughly practical. It is small, being 4 1-2 inches high, but capable of developing considerable power, in fact enough to run any toy machinery and figures.

There are no cast lead or pewter parts to bend or get out of order, all parts being of sheet metal, consequently are very strong and slightly.

Another feature which will recommend itself is the lamp which is entirely unlike those used with engines of other makes. It is a tube filled with asbestos wicking. To light, simply saturate the wicking leaving no surplus alcohol inside, then there is no possibility of a fire if any accident occurs.

Given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

No. 211—Yankee Engine



The Yankee includes all the good points of the Baby with some improvements. The boiler is much larger, consequently can be run a longer time with one filling. A safety valve and whistle are the extra attachments not found on the Baby. It is 7 inches high, well made, nicely finished and enameled in colors. Full directions, accompany each and if they are carefully followed

these engines will be found to be superior to many which are much higher in price.

Given for Four new subscriptions at 35 cents each, or Two new subscriptions and 50 cents additional. Price, if purchased, \$1.00, postpaid.

No. 195—Printing Press and Outfit

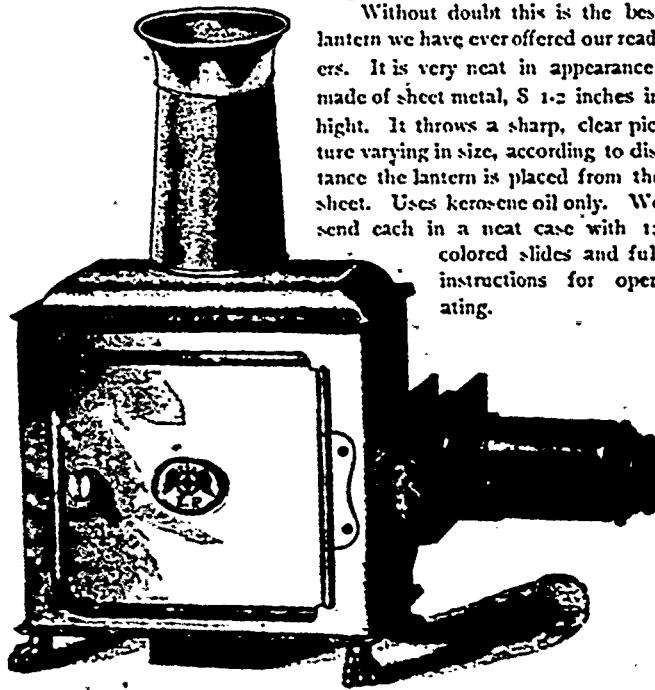
This is the best and most complete printing outfit on the market for the money. It contains as follows: One font of type in case, ink roller, type



tweezers, printing ink, gold bronze, silver bronze, bronzing cotton, wedding bristol cards, assorted colors, and a first-class press, size of chase 2 3/4 by 1 1/2 inches.

Given for Four new subscriptions at 35 cents each, or Two new subscriptions and 50 cents additional. Price, if purchased, \$1.00. Sent by express at receiver's expense.

No. 342—Magic Lantern



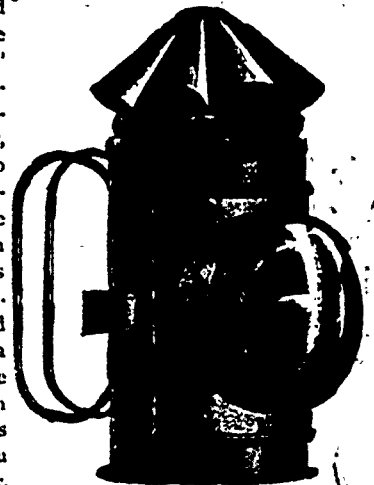
Without doubt this is the best lantern we have ever offered our readers. It is very neat in appearance; made of sheet metal, 8 1/2 inches in height. It throws a sharp, clear picture varying in size, according to distance the lantern is placed from the sheet. Uses kerosene oil only. We send each in a neat case with 12 colored slides and full instructions for operating.

Given for Four new subscriptions at 35 cents each, or Two new subscriptions and 50 cents additional. Price, if purchased, \$1.00. Sent by express at receiver's expense. Shipping weight about 5 lbs.

No. 242—Bull's Eye Lantern

The lantern is manufactured from japanned metal and is fitted with a large "Bull's Eye." Within the lantern is a revolving cylinder, fitted with two glass faces—one of red, the other of green glass. Thus when the lantern is lighted it gives a stream of white light through the "Bull's Eye." You can instantly, by turning the cylinder, make the light red or green, as you may desire. This is a very valuable improvement as it enables you to use the lantern as a signal light as well as a "bull's eye." Small enough for the pocket but throws a brilliant light.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.



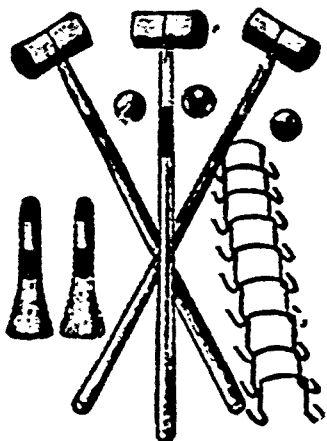
No. 229—Dressed Doll

This doll, dressed complete with underclothes, shoes, stockings, hat and dress, stands as shown in cut 15 inches high and the arms, legs and head are movable into any position. It is a very handsome doll, well made, and beautifully dressed and one that any girl would be proud to own. It is exceptionally good value and only because we import these dolls direct from Germany are we enabled to make such a liberal offer. We send these dolls very carefully packed and take special care that they shall reach our subscribers in good condition.

Given for Three new subscriptions at 35 cents each. Price, if purchased, 75 cents, postpaid.



No. 208—Parlor Croquet Set



Don't expect a large set when you order this. It's made to use on a large table or parlor floor, and must necessarily be small. It's a perfect set of croquet, made in Germany, consisting of wickets, balls, stakes and mallets. Each set contains full printed rules for playing the game. A game of this kind not only appeals to the children but interests the older members of the family as well. The balls, mallets, stakes and wickets are all well made, price considered, and we are sure this set will more than meet the expectations of our readers. During the long winter evenings you will find this fascinating game a great source of amusement.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

Fireside Games

These games are played very much like Authors, very interesting and much more instructive and entertaining than any book on these subjects can possibly be.

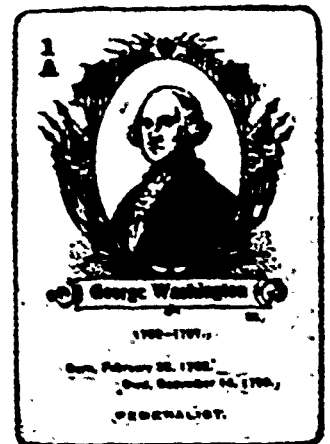
No. 359—White House, gives all the presidents and principal events during their administrations.

No. 360—Flags, showing the flags in colors of all the nations of the world.

No. 361—White Squadron, illustrating and describing all the vessels in the U. S. navy.

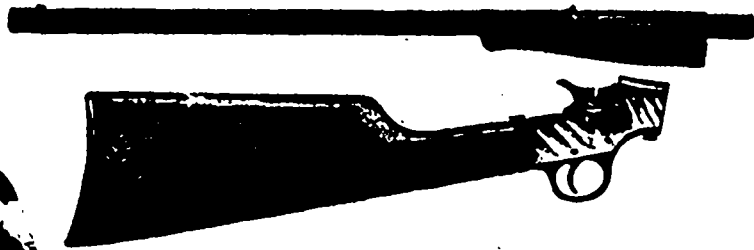
No. 362—Mayflower, illustrating and describing the old town of Plymouth, and the Puritans who settled there.

Either of these games given for One new subscription at 35 cents; Price, if purchased, 25 cents, postpaid.



No. 179—Crack Shot Rifle

This rifle has many valuable features usually found only in the most expensive

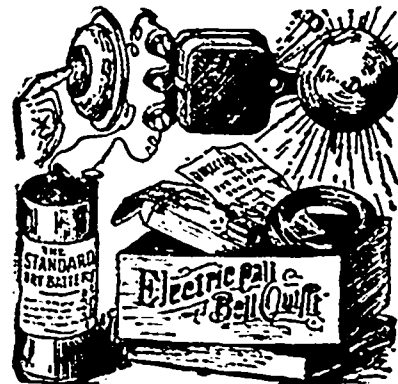


They are made by a firm making only high-grade goods and this rifle receives attention given the higher priced ones. Every barrel is perfectly rifled, and we guarantee its shooting qualities. Another feature worthy of consideration is the automatic safety catch, which allows the gun to be discharged only when the catch is down. This reduces the possibility of an accident to a minimum, making it the hands of a novice. It has a 20 1-2 blued barrel, case hardened frame and steel, and walnut stock and fore end. Perhaps the most remarkable feature is that it is a "take down," or in other words, comes apart in the center as in illustration by simply loosening the screw under the frame.

Given for Ten new subscriptions at 35 cents each, or Five new subscriptions and \$1.00 additional. Price, if purchased, \$4.00. Sent by express at receiver's expense.

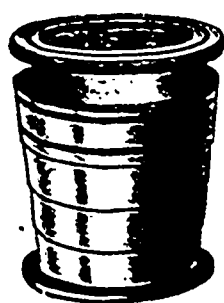
No. 183—Electric Bell Outfit

The articles in this outfit are not the cheapest that can be procured but a quality which will give satisfaction. The outfit consists of one first-class electric box vibrating bell with nickel-plated gong; one complete dry battery, which will do service with ordinary use, two years, one finely polished wooden push button, 50 feet insulated call bell wire and staples sufficient for putting up same. These articles purchased at retail would cost about \$2.50. It will not be necessary to hire an electrician to put this bell up for you as we send directions which, if followed, will enable anyone to put this outfit in working order, even though they know nothing about electricity.



Given for Four new subscriptions at 35 cents each, or Two new subscriptions and 50 cents additional. Price, if purchased, \$1.00. Sent by express at receiver's expense. Shipping weight about 3 lbs.

No. 38—Aluminum Folding Cup



There are many things in favor of this cup over others which are similar. It is light, being made of aluminum, the lightest of all metals, weighing but 1 1-2 ounces, and not easily dented. It is plenty large enough for practical purposes, measuring 2 1-2 inches high when open and 2 1-2 inches in diameter. When closed is only 7-8 of an inch high including cover. A very handy article at all times for outdoor use.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents postpaid.

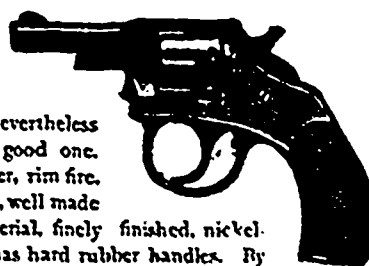
No. 39—Cigar Case



What is more provoking than to put your hand in your pocket when you are about to give your friend a cigar and find them all broken? This case will save you a good many cigars if you smoke, and will stay for itself in a short time. It weighs but one ounce and holds three cigars not over 4 3/4 inches long. It is strong, serviceable and neat in appearance.

Given for One new subscription at 35 cents. Price if purchased, 25 cents, postpaid.

No. 67—Revolver

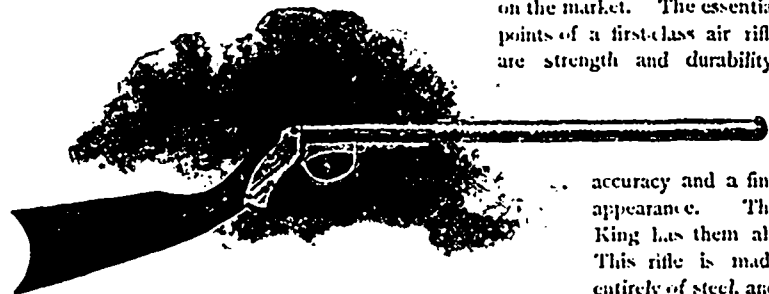


Although this revolver is not as expensive as some, it is nevertheless a thoroughly good one. It is .22 caliber, rim fire, double action, well made of good material, finely finished, nickel-plated and has hard rubber handles. By double action we mean it is unnecessary to pull back the hammer each time before firing as this is done automatically by simply pulling the trigger as fast as you wish to fire. This will be found a great convenience in rapid firing.

Given for Eight new subscriptions at 35 cents each, or Four new subscriptions and \$1.00 additional. Price, if purchased, \$2.00, postpaid.

No. 615—King Air Rifle

The King is without doubt the best and handsomest air rifle ever placed on the market. The essential points of a first-class air rifle are strength and durability,



accuracy and a fine appearance. The King has them all. This rifle is made entirely of steel, and

all parts are interchangeable. The barrel is handsomely nickel-plated and highly polished. The stock is oval shaped with pistol grip, made of hard wood, cherry finished. Shoots common BB shot with great force and accuracy.

Given for Six new subscriptions at 35 cents each, or Three new subscriptions and 50 cents additional. Price, if purchased, \$1.00, postpaid.

No. 114—Shaving Outfit

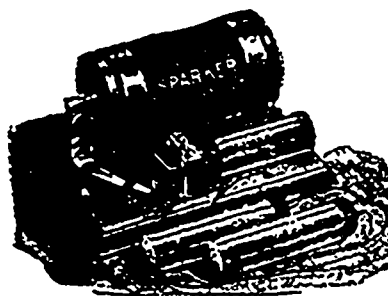
In this outfit will be found a razor, made of the best steel, carefully tempered and ground; genuine horse-hide razor strop, cake of good shaving soap, cup, brush, magnesia and cosmetic. The articles are all good quality and will enable any man to shave himself and thus save many dollars now paid the barber.

Given for Six new subscriptions at 35 cents each, or Three new subscriptions and 75 cents additional. Price, if purchased, \$1.50, postpaid.



No. 206—Medical Battery

We have used numerous forms of batteries in past years with varying success.



We think this one is superior in every respect to the others. It has no gears to get out of order, you have no wheels to turn, simply push the lever over the screw head on the base and take hold of the handles. To regulate the electricity, move metal cylinder forward or back as you desire the current strong or weak. The large cylinder contains a dry battery which can be replaced when exhausted. It is without doubt the neatest in appearance, most carefully constructed and strongest battery we have ever offered.

Given for Six new subscriptions at 35 cents each, or Three new subscriptions and 75 cents additional. Price, if purchased, \$1.50 postpaid.

No. 201—Safety Razor

All parts of this razor are of the best steel, holder has patent roller attachment which greatly facilitates quick movement of razor, adjustment is by screw at back of blade and very accurate. Blade is concave, ground, polished, and is ready for immediate use. Handle of two pieces, is detachable from holder, and can be used to hold blade when honing or sharpening. Only part of handle is shown in cut.



Given for Four new subscriptions at 35 cents each, or Two new subscriptions and 45 cents. Price, if purchased, \$1.00, postpaid.

Farm and Home Premium List—Miscellaneous

No. 375—Medallion Portrait

No doubt you have a photograph of some dear friend or relative which you prize very highly. Wouldn't you like to have that picture reproduced on one of these beautiful medallions? They are 9 inches high and 6 3/4 inches wide, prettily framed in aluminum with metal decorations, nicely finished, and mounted with an easel standard.



The pictures are practically indestructible, will not fade, and a trifle larger than cabinet size, being 5 1/2 inches high and 3 3/4 inches wide.

The photograph which you send us will be exactly reproduced on the medallion and returned to you uninjured with the medallion, in about two weeks. Be careful to send a good, clear picture, cabinet size preferred, not one that is faded or soiled, or the reproduction will be defective like the photograph.

Given for Three new subscriptions at 35 cents each. Price, if purchased, 75 cents, postpaid.

No. 390—Calculating Pencil

A few samples of what this wonderful little contrivance will do with a simple twist of the wrist will perhaps convince you that you need one. For instance, how much is 9 times 19? Turn the barrel so as to bring 19 over 9 and follow the dotted line down. You find the result registered as 171. Try 12 times 24 in the same way, and it registers 288. Always accurate, and performs examples in the twinkling of an eye.



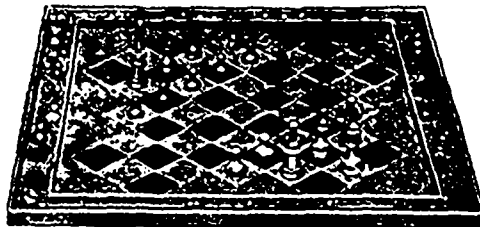
The calculator, which fits on the top of a pencil, is of aluminum with an eraser inserted in the end. We supply with each, 1 dozen pencils of good quality, made to fit. This pencil saves time and errors and everyone should have one.

This lightning calculator is the greatest educational novelty of the day, a marvel of ingenuity, capable of producing absolutely accurate results of innumerable combinations in less time than it would take you to set the figures down on paper.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

No. 217—Eclipse Combination Box of Games

Here is a splendid assortment of 15 old and new games at a price which would not ordinarily cover the cost of one good one. The Eclipse combination box, combines some of the old games with those more modern, in an attractive form, making such a variety in the game line as to prove of equal interest to young and old. There are 15 separate and distinct games in this combination, as follows:



1—Chessetta (new). 2—Spider and flies. 3—Crado (new). 4—Cherkerette. 5—Fox and geese. 6—Cats and mice (new). 7—Weda. 8—Gobang. 9—Twelve

men Morris. 10—Cycle race (new). 11—Tit tat toe. 12—Star puzzle (new). 13—Chess. 14—Checkers. 15—Backgammon.

Each of these games has full directions for playing, except chess, checkers and backgammon, which are so well known as to need no directions.

Given for Four new subscriptions at 35 cents each, or Two new subscriptions and 50 cents additional. Price, if purchased, \$1.00, postpaid.

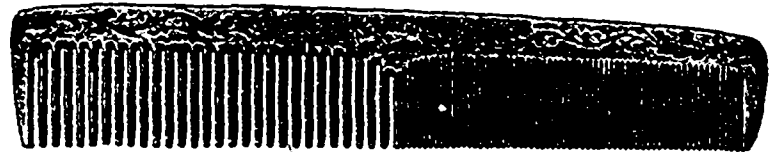
No. 353—Hair Brush



Very attractive, always useful, of good quality. The bristles are white, strong and stiff. The back and handle are of solid ebony, making a very pretty combination and extremely neat. This brush is well made and will stand long and hard usage.

Given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

No. 33—Ladies' Aluminum Comb

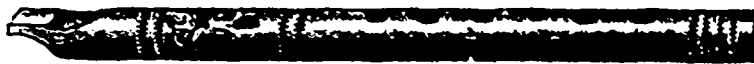


A very annoying feature with combs in general is the breaking out of the teeth at every little pull. You won't have that trouble with this comb, as it is next to impossible to break one. Very neat in appearance and weighs less than an ounce.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

No. 357—United States Flageolet

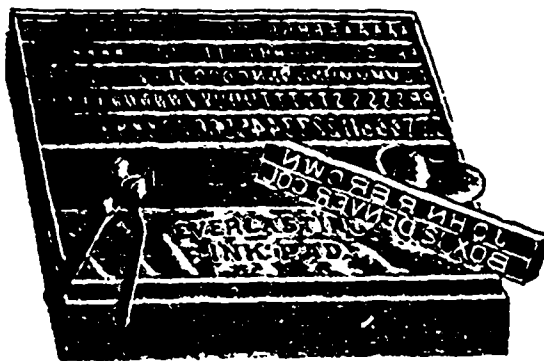
The difference between this instrument and similar ones is apparent at a glance. It is much heavier, better finished, nickel plated



and perfect in tone. With each we send a self instructor enabling anyone to play the selections contained therein at sight.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

No. 110—Everybody's Printer



This outfit is in every way complete, containing a nickel plated metal type holder, a pair of steel type tweezers, a set of rubber type; two sets of figures, spaces, an inexhaustible self-inking pad and full directions for use, all packed in a neat box as shown in illustration. It will write to mark books,

linen, print envelopes or cards and will be found useful in many ways

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

No. 94—Ladies' Shopping Bag

While this bag is not leather, it is such a fine imitation as to deceive most people. Our illustration shows the style of bag, which is large and made with a serge sateen top, which by means of a drawing tape can be contracted or enlarged to meet the requirements of the user. This bag will, we are sure, more than please in both wearing qualities and appearance. It is an exceptional opportunity which we are sure our readers will appreciate.



Given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

No. 414—Work Box Package

All of the articles contained in this package are needed by every lady, as will



be seen by the following list: Stamped linen tidy, sewing silk, hooks and eyes, black pins, embroidery silk, embroidery cotton, worsted, cotton thread, "rickrack" braid, white feather edge braid, novelty braid, hairpins, tape measure, embroidery needles, trim-

pin, lace pins, needles, buttonhook, crochet needles, thimble, steel pearl buttons, shoe buttons and shawl pins.

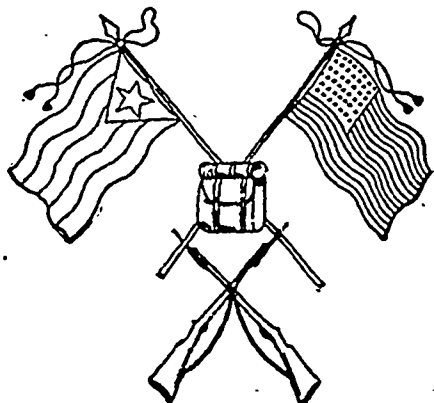
About three dozen separate and distinct articles in this outfit, all of which should have at all times in her workbasket.

Given for Three new subscriptions at 35 cents each. Price, if purchased, 75 cents, postpaid.

No. 177

American Stamping Outfit

Although this outfit is not as large as the New Empire, it is nevertheless excellent value.

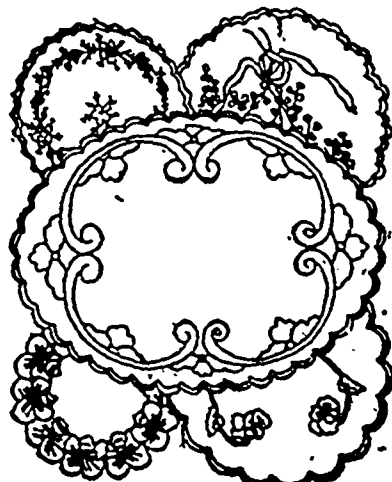


and even though you may possess the other, you will find this a valuable addition to your collection. There are about 50 patterns, besides two sets of alphabets, making a total of over 100. They are made of linen bond paper, and consist of 9 sheets of patterns, each sheet 14 by 22 inches in size. With each outfit we send full instructions for doing the stamping, and one piece of Eureka Compound.

Given for One new subscription at 35 cents. Price, if purchased, 25 cents, postpaid.

No. 178—New Empire Stamping Outfit

Without doubt this is the most magnificent low-priced outfit ever offered. It contains



large, fine and handsome patterns, and is strictly up to date in every particular, embracing all the latest and most fashionable ideas in the fascinating art of embroidery. In beauty and artistic merit the designs are unsurpassed.

In this outfit there are 127 beautiful patterns, and two complete alphabets, all of which are perforated in the finest manner on fifteen sheets of linen bond paper, each sheet 14 by 22 inches in size. With each outfit is sent one cake of black Eureka compound, which enables anyone to do indelible stamping instantly, without heat or trouble, and without the use of powder, paint or turpentine, also full instructions for doing all kinds of stamping successfully.

Given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

No. 273—The Pearl Rug Maker

The Pearl Rug Maker is a set of steel forks and tines, on which the material is

wound, then sewed through the center to a cloth foundation, with any sewing machine or by hand, forming loops which are readily cut open, making a soft, close pile or tuft a half inch thick, all on the upper side.

Every lady has enough material in her ragbag to make several handsome, desirable

rugs. Any cloth, old or new, yarn, carpet waste, etc., can be used. Rags, when used, do not have to be sewed together. Small pieces are cut in strips on the bias. Turkish designs, conventional flowers, etc., are readily made from the printed directions, and a handsome rug, 2 by 3 feet, with a border, can be made in a day.

Given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.



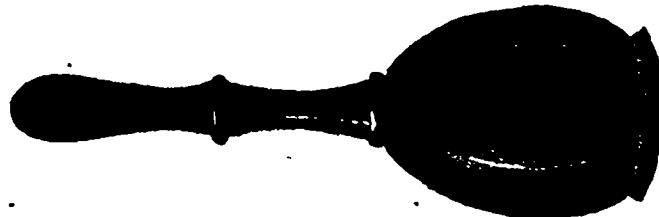
No. 218—Automatic Knife



The superiority of this knife over all others lies in the fact that it can be opened with one hand, and, when open, cannot close unless the user desires. When open the blade is held by a vice-like clamp which when released allows the blade to drop back into the handle. The blade does not fold into the handle, but slides out and in the end, being operated by the thumb or finger. It is made of brass with fine steel blade and hard rubber handle.

Given for Two new subscriptions at 35 cents each. Price, if purchased, 50 cents, postpaid.

No. 328—Universal Darners



Perhaps it is hard to see the superiority of this darning tool over all others from our description, but we assure you, you will not be slow to appreciate its advantages after having once used it. With it, every one can do the work better in at least one-half the time. Instead of being solid, it has a brush inserted in the end, therefore the work can be held tight, as there is no hard substance to obstruct the needle and it is impossible for the needle to catch in the brush.

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No. 528

Silk Remnant Package

These remnants come from the factories where silk goods are made up and are the odds



and ends ordinarily wasted in cutting. They are therefore all shapes and sizes, but extremely useful for fancy and ornamental work of every kind. Silks of every kind, quality, color and shade are included; thus the collection is much more varied and useful than any you would be liable to secure from any other source. The sale of these pieces has increased to such an extent that the dressmakers and factories can scarcely supply the demand. We supply a much larger and better package than is usually offered in this way.

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No. 396—"Ideal" Dress-Cutting System

This is the most practical dress-cutting system ever invented; simple in operation and satisfactory in results. It will teach her to take measures, draft, cut and make garments for ladies and children in any style and to any measure, with fit guaranteed absolutely perfect.

"Ideal System" has all the different measurements calculated and lined out, so that no drafting is required, thus dispensing with the old tiresome and tedious way of measuring and remeasuring.

Only one measurement—that of the bust—is necessary. All others are plainly marked in the chart, requiring no experience or previous knowledge of dressmaking to make a perfect fit. The system is indorsed by thousands of dressmakers and ladies' tailors, and is guaranteed as represented.

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E72

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