

Scientific and Useful.

AMONG the latest uses to which sawdust has been applied, is in the manufacture of car-wheels. A writer states that sawdust car-wheels, sawdust bricks, sawdust teleposts, railroad ties, and even sawdust window and door frames, wainscoting and moulding, begin to appear among the possibilities of the immediate future.

CHOCOLATE CAKE—Two cups sugar, two cups butter, three and one half cups flour, five eggs, one teaspoonful cream tartar, half a teaspoonful soda, leave out the whites of two eggs for the frosting. Make this of the whites with one and one half cups sugar, and six large spoonfuls grated chocolate. Spread it on while the cake is hot.

APPLE DUMPLINGS.—Pare and core fine, juicy apples that will cook quickly; then take light bread dough, cut into round pieces half an inch thick and fold round each apple until well covered. Put them into a steamer, let them rise, then set the steamer over a pot of boiling water, and steam until done. Try them with a fork. Eat with cream and sugar, or butter and sugar, or maple syrup.

CHESHIRE SOUP.—The following is a very old Cheshire recipe for a good and an expensive soup. It dates back as far as the sixteenth century: Put a hock of beef into a gallon of cold water, simmer it gently for six hours, taking care that it is well skimmed. Put in some thyme, sweet marjoram and celery, all tied in a bunch, as also a couple of onions cut fine. Skim off all the fat, and season with pepper and salt and a little ketchup. By omitting the above seasoning this soup may be turned into all kinds of soup by adding the vegetables to give the flavour required.

SICKNESS AMONG FARMERS.—There is undoubtedly as much sickness among farmers and their families as among any other class of people. We would hardly expect this, with their advantages of fresh air and good food, rarely obtained in a large city. Why are they sick? What are the causes? Among others, a physician gives the following: 1. Farmers, as a rule, resume their labours too soon after meals. 2. Farmers generally do not pay enough attention to bathing. 3. Kitchen and other drainage is often disposed of too near the house. 4. Unclean cellars and untrapped cellar-drains are often sources of disease in the farmer's family. 5. There is a disposition on the part of some farmers to plant too many trees around the house. 6. The location of a dwelling on a malarious site is often the cause of periodical fevers.

VIRGINIA MUFFINS.—One quart flour, one teaspoon salt, one tablespoon sugar, one tablespoon butter and lard mixed, one tablespoon well mashed Irish potato, three well-beaten eggs, one-half teacup home-made yeast. Rub the butter and lard into the flour, then the mashed potato; salt and sugar should be sifted with the flour. Pour into this the eggs and yeast, and make into a soft dough with warm water in winter and cold in summer, and knead thirty minutes by the clock. If wanted for an eight o'clock winter breakfast, make up at eight the night before. At six o'clock the next morning make the dough into twelve round balls without kneading, and drop into well-greased tin baking cups. These cups should be smaller at bottom than at top, and must be three and one-half inches deep. Grease the hands and pass them over the top of each muffin; set them in a warm place for full two hours, and then bake. The depth of the cup is important, because, if properly made, they rise to the top, or nearly so, and would be heavy if baked in the shallow cups commonly used.

THE GASTROSCOPE.—Dr. Mikulicz, of Vienna, has invented an instrument for illuminating and inspecting the inside of the living human stomach. Recently he exhibited his apparatus, upon which he has bestowed the title of "gastroscope," to the leading professors of the medical faculty at the Polyklinik, and performed some interesting experiments with it upon a female hospital patient suffering from chronic dyspepsia. It consists of a tube fitted with a set of minute but powerful reflectors at one end, and connected at the other with an electric battery, by which a brilliant light is projected into the stomach requiring inspection. This tube was passed down the subject's throat, and remained there for fully twenty minutes, during which time the Viennese professors were enabled to diagnose the condition of every part of the mucous membrane thus lighted up and revealed to their gaze. The gastroscope is considered likely to render invaluable services to the cause of electro-endoscopic investigation, which for some time past has been prosecuted with ardour by eminent Austrian pathologists.



Lamb Knitting Machine,

For Family or Manufacturers' use.
KNITS SOCK OR STOCKING complete from top to toe without seam, with regular hand-made heel. Also knits **CARDIGAN JACKETS, SCARFS, CLOVES, NOBIAS, &c.** Sets up its own work, narrows and widens the same, and is the most complete and perfect Knitting Machine made.
J. M. STATTON
44 Church Street, Toronto,
Sole Agent for the Dominion.

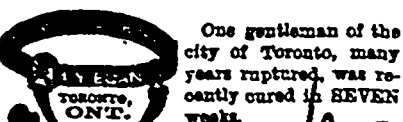
BOOKS, PAMPHLETS, CATALOGUES,

And every description of
PRINTING

Promptly executed at fair prices.
Eight Modern Steam Presses
and a full supply of
NEW TYPE

Orders from a distance will have careful attention; and estimates furnished on application.
C. BLACKETT ROBINSON,
5 Jordan Street, Toronto.

RUPTURE CURED.



One gentleman of the city of Toronto, many years ruptured, was recently cured in SEVEN weeks.
EGAN'S IMPERIAL TRUSSES
With or without Under Straps, as the case requires.

New and Perfect Remedy for Hernia.

The results of this new discovery for the certain relief and cure of Hernia are most astonishing and gratifying. This new Truss is worn with great comfort, even by an infant, night and day. It yields to every motion of the body, always retaining the Rupture during the hardest exercise or severest strain.
SUFFER NO LONGER.

This new Truss is entirely different from all others ever made, and the only one in the world made on anatomical principles. It possesses one advantage over all others, it never moves from position.
Descriptive Circular (containing full information) sent free on application.
We have cured cases over 40 years standing.
Call or address—
J. WRIGHT & CO.,
Central Pharmacy,
Queen St. West, Toronto, Ont.

Choice Farms for Sale

In the following counties: Bruce, Essex, Grey, Hastings, Huron, Halton, Kent, Lincoln, Missisquoi District, Norfolk, Northumberland, Ontario, Perth, Peterborough, Simcoe, Victoria, Wellington and York. Terms liberal.
G. W. BANKS, Real Estate Agent,
80 Church Street, Toronto.

SPECIAL OFFER.

The subscriber offers for a limited period, prepaid by mail,
SCHAFF'S BIBLE DICTIONARY
(new edition),
REVISED NEW TESTAMENT
(a good copy),
Biblical Revision, its Necessity and Purpose.
Three books, worth \$4,
FOR \$3 NET CASH WITH ORDER.

JOHN YOUNG,
Upper Canada Tract Society, 102 Yonge Street, Toronto.



WILL CERTAINLY CURE
Coughs, Colds, Hoarseness, Sore Throat, Bronchitis, Influenza, Asthma, Whooping Cough, Croup, and every Affection of the Throat, Lungs and Chest, including Consumption. Sold by all Druggists.

A. W. HARRISON,
Financial and Real Estate Agent,
30 Adelaide St. East,
TORONTO.

Money to Lend at lowest rates of interest. Mortgage Loans.

Farms Bought, Sold, Rented or Exchanged. Charges Moderate.

I have a large quantity of MANITOBA and UNITED STATES LANDS for sale. As investments or speculations these are worth looking at.

A. W. HARRISON,
30 Adelaide St. East,
TORONTO, ONT.

JUST PUBLISHED.

44 pp. Price 20 Cents.
DOCTRINES OF THE PLYMOUTH BRETHREN.

By Rev. Professor Craswell, M.A., Magee College, London, Ont.

A comprehensive and very complete exposition in short space of the Errors of Plymouthism.

Mailed to any address, postage prepaid, on receipt of price.

Wherever Plymouthism is trying to get a foot-hold within the bounds of Presbyterian congregations, parties would do well to circulate copies of this pamphlet.

In quantities, \$8 per 100.
C. BLACKETT ROBINSON,
Jordan Street, Toronto. Publisher.

WHAT'S WANTED!

S. S. PAPERS.
S. S. PAPERS.
S. S. PAPERS.
S. S. PAPERS.
S. S. PAPERS.

Just what is required in Canadian Sunday Schools. Three different papers. Pronounced by the Press to be superior to anything published in the Dominion.

Golden Hours and Early Days, bright, beautifully illustrated, wholesome, national papers, are suited to any School; while the **Sabbath School Progressives**, as its name indicates, is adapted to the Protestant schools.

It is claimed for the above publications that they are as cheap as imported papers of the same class, and altogether better suited to young Canadian readers.

SPECIMEN COPIES forwarded to any address free of charge on application.

C. BLACKETT ROBINSON,
5 Jordan Street, Toronto. Publisher.

WEST END HARDWARE HOUSE,

313 Queen Street West, Toronto.

JOHN L. BIRD,
Builders' and General Hardware, Paints, Oils, Dry Colours, Varnishes, etc. House Furnishings, Plated Ware, Cutlery, Woodware.

EVERYTHING IN THE LINE.

Call and see him.

Standard Fertilizers.

GILL, ALLAN & CO.,
MANUFACTURERS OF

LAND PLASTER,

DEALERS IN

Brockville Superphosphate of Lime

the most reliable fertilizer because the richest in plant food, for Fall Wheat and all other Crops.

BONE DUST for Turnips, Wheat, etc.

CHLORATUM, the new fertilizer, for Barley, Grasses, Root Crops, etc.

Land Plaster is sold in bulk, barrels or bags. Superphosphate, Bone Dust, and Chloratum in 250 lb Barrels.

Car lots of twelve Tons made up of Land Plaster and any of the other fertilizers as desired, and shipped from Paris, by Great Western or Grand Trunk, at lowest rates of freight.

Address **GILL, ALLAN & CO.,** Paris, Ont.

J. F. MUIR & CO.,

Manufacturers of

HATS, CAPS,

and

FURS.

51 King St. West, Marshall Buildings, TORONTO.

Russells' Watches



Direct from the MANUFACTURERS to the WEARER, warranted by the firm.

Russells' Canadian House
No. 9 KING STREET WEST,
TORONTO.

MARRIAGE CERTIFICATES,

Suitable for any Province, and may be used by the clergyman of any denomination. Beautifully printed on fine blue paper in carmine, blue and gold, constantly on hand, 50 cts. per dozen. Twenty-five copies mailed to any address, free of postage, for ONE DOLLAR.

C. BLACKETT ROBINSON,
P. O. Drawer 2602, Toronto,
Ont. — 5 Jordan Street.

T. C. L. ARMSTRONG, M.A., LL.B.,
BARRISTER & S.O.

OFFICES, 50 CHURCH STREET,
MONEY TO LOAN. TORONTO.

FRANKLIN STRUP has cured thousands who were suffering from Dyspepsia, Debility, Liver Complaint, Bile, Humours, Female Complaints, etc. Pamphlets free to any address. Sent W. Fowle & Son, Boston. Sold by dealers generally.