

THE RACE FOR THE GREAT SILVER TREASURE OF THE CANADIAN NORTH—The above illustrations depict certain phases of life in one of Canada's foremost silver districts. No. 1 shows a stopping place on the road to Gowganda where the miners' supplies are transferred to sleds for their conveyance through the woods. No. 2 shows a trio of boilers on their way to a mine. No. 3 portrays the Silver Lake Mine. No. 4 shows a group of men in a snowy landscape. No. 5 shows a group of men in a snowy landscape. No. 6 shows a group of men in a snowy landscape. No. 7 shows a group of men in a snowy landscape. This team holds the record of being the highest salaried aggregation of hockey players in the world.

The Standard.

ILLUSTRATED SUPPLEMENT

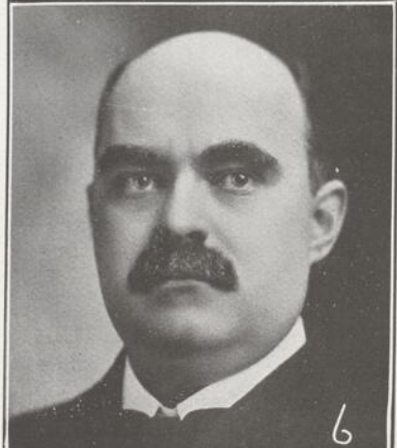
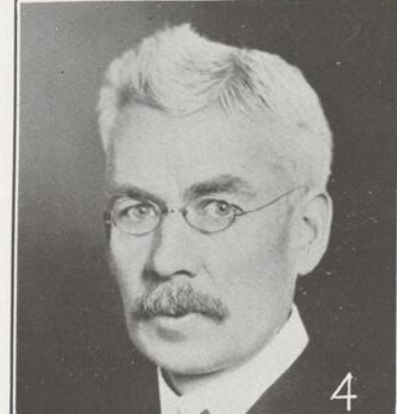
VOL. V. No. 18.

MONTREAL, CANADA, MAY 1, 1909.

171 ST. JAMES STREET.



THE RACE FOR THE SILVER TREASURE OF THE CANADIAN NORTH—The above illustrations portray scenes connected with the rapidly becoming famous silver district of Montreal River in New Ontario. The first consists of a view of Elk Lake, Ont.; the second shows the manner of transporting supplies from the Montreal River to Elk Lake. In the third one of the large warehouses is shown. This is stocked with provisions and kits for the miners.



RAILWAY PROMOTIONS.

To provide for the proper organization of every branch of the passenger service of the Grand Trunk Pacific, which will shortly have in operation west of Lake Superior about 1,200 miles of track, important changes in the official staff have been made.

"You Old-Time Bicyclist"



YOU old-time bicyclist, married now and much domesticated. Don't you think that your children are considerably stronger and healthier for the exercise and fresh air you received in the good old-days of wheeling?

Now, what are you going to do about these boys and girls of yours? Don't you think it is your duty to see that they get the exercise necessary for their growing bodies? Doctors will tell you there is nothing so good as bicycling--**you** realize that from experience. Now it's up to you.

There's the new wheel that puts one hundred per cent. more comfort and pleasure into wheeling. It's the Pullman of bicycling, the **SILVER-RIBBON MASSEY BICYCLE**.

Ask about this new wheel ---test it---it will surprise the old-time bicyclist.

The Hercules Coaster Brake is the latest and greatest of coaster brakes. It has no side arms---can be taken out and replaced in any bicycle in one-third the time required by the other kind.

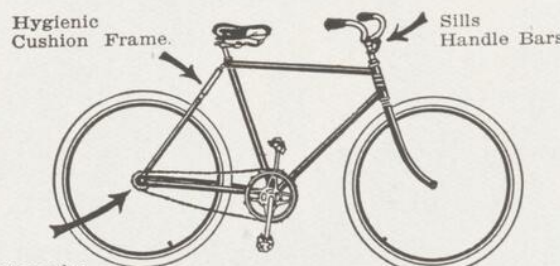
Canada Cycle and Motor Company, Limited,
Toronto. Montreal Retail Salesroom, 17 University Street.

Mr. W. E. Davis continues as Passenger Traffic Manager of both the Grand Trunk Railway System and Grand Trunk Pacific Railway, and the changes are as follows (the portraits of the new officials appearing above):
(1) Mr. Geo. T. Bell, the present General Passenger and Ticket Agent, becomes Assistant Passenger Traffic Manager of both railways. The title of General Passenger and Ticket Agent is abolished.

(2) Mr. Geo. W. Vaux, now principal Assistant General Passenger and Ticket Agent at Chicago, becomes General Passenger Agent, Grand Trunk Railway System, at Montreal.
(3) Mr. W. P. Hinton, now Assistant General Passenger and Ticket Agent at Montreal, becomes General Passenger Agent, Grand Trunk Pacific Railway at Winnipeg.
(4) Mr. H. G. Elliott, now Assistant

General Passenger and Ticket Agent, becomes First Assistant General Passenger Agent, Grand Trunk System, at Montreal.
(5) Mr. H. R. Charlton, Advertising Agent, becomes General Advertising Agent of both Grand Trunk System and Grand Trunk Pacific at Montreal.
(6) Mr. W. S. Cookson, now chief in Mr. Vaux's office, Chicago, becomes Assistant General Passenger Agent, Grand Trunk System, Chicago.

THE NEW WHEEL



"Silver-Ribbon Massey"



THE SILVER RICHES OF THE GOWGANDA DISTRICT—The block of ore standing erect in the above illustration is a matte of practically pure silver from the Bartlett Mine. Leaning against it is a silver nugget, one of many that may be taken from the vein for a distance of 300 feet, where it dips to the swamp.

Minerva International Book Co.
Cor. Church & Adelaide, Toronto, Ont.

Books in all modern languages: German, French, Italian, Spanish; Fiction, Science, Grammars; all kinds of Dictionaries.
Technical books of all kinds for Electricians, Carpenters, Builders, Engineers, etc. Great assortment in French, German and Spanish magazines.
Specialty: Artistic Cards and Pictures; Magazines of Art.
Translation Bureau. Catalogue free.

THE NEW FRENCH MENACE.

The events of the last few days have shown that the Third Republic is menaced by the greatest danger that has threatened France since the Commune. Sooner or later a protracted struggle with the social revolution, in the form of a general strike, will have to be faced with ruthless decision. And it is just possible that the peril may mature within the next few weeks.—World, London.

MAKES FAT VANISH

Obesity Quickly and Safely Cured. No Charge to Try the **NEW KRESSLIN TREATMENT**.

JUST SEND YOUR ADDRESS AND A SUPPLY WILL BE SENT YOU FREE—DO IT TO-DAY.

Fat people need no longer despair, for there is a home remedy to be had that will quickly and safely reduce their weight, and in order to prove that it does take off superfluous flesh rapidly and without harm, a trial treatment will be sent, free of charge, to those who apply for it by simply sending name and address. It is called the Kresslin Treatment, and many people who have used it have been reduced as much as a pound a day, often forty pounds a month when large quantities of fat



This represents the effect the Kresslin Treatment has had in hundreds of cases. were to be taken off. No person is so fat but what it will have the desired effect, and no matter where the excess fat is located—stomach, bust, hips, cheeks, neck—it will quickly vanish without exercising, dieting or in any way interfering with your customary habits. Rheumatism, Asthma, Kidney and Heart Troubles leave as fat is reduced. It does it in an absolutely harmless way, for there is not an atom in the treatment that is not beneficial to all the organs. So send name and address to Dr. J. Spillenger, Dept. 630E, 41 West 25th St., New York City, and you will receive a large trial treatment free, together with an illustrated book on the subject and letters of indorsement from those who have taken the treatment at home and reduced themselves to normal. All this will be sent without one cent to pay in any shape or form. Let them hear from you promptly.

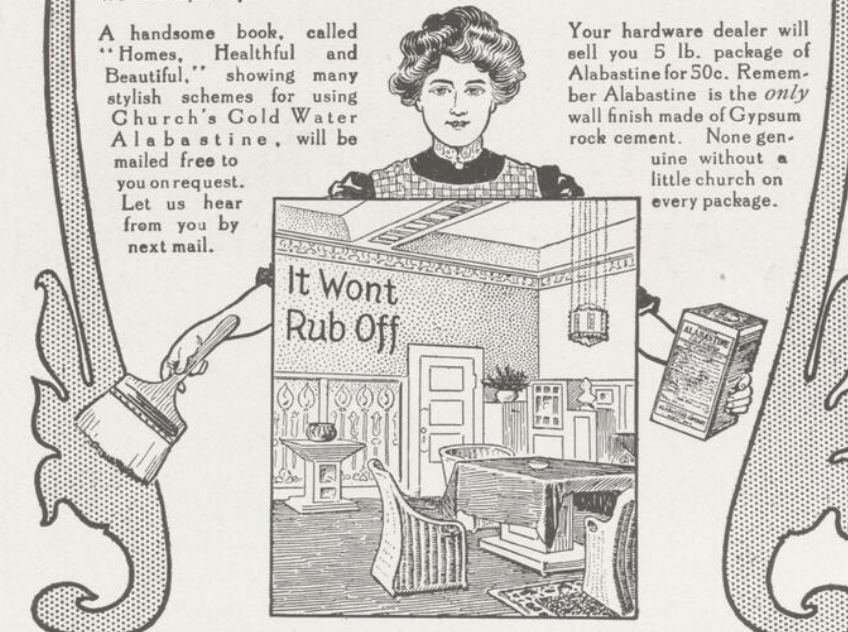
CHURCH'S COLD WATER Alabastine

MAKES ARTISTIC WALLS

The best decorators discourage the use of "old fashioned" wall paper, and recommend Alabastine. Because, with the use of the dainty Alabastine tints much more beautiful and artistic effects can be obtained. You can be your own decorator, too. By following the simple directions we send, anyone can use Alabastine with complete success.

A handsome book, called "Homes," showing many stylish schemes for using Church's Cold Water Alabastine, will be mailed free to you on request. Let us hear from you by next mail.

Your hardware dealer will sell you 5 lb. package of Alabastine for 50c. Remember Alabastine is the only wall finish made of Gypsum rock cement. None genuine without a little church on every package.



The Alabastine Co., Limited, 44 Willow Street, Paris, Ontario

"The Standard"

Quotations given on application for any of The Standard's exclusive Engravings that appear weekly. Address the Publishers.

Do You Need Furniture

And Do You Want to Save From 15 to 35 Per Cent on the Cost?

You should send at once for our large illustrated

CATALOGUE "S"

containing nearly 500 illustrations of the newest designs in Furniture and Furnishings for the home. Sent free for the asking.

Kitchen Cabinets

Our display of these handy pieces of Furniture is positively unsurpassed. Every thrifty housewife should have one of these time and labor-saving contrivances.



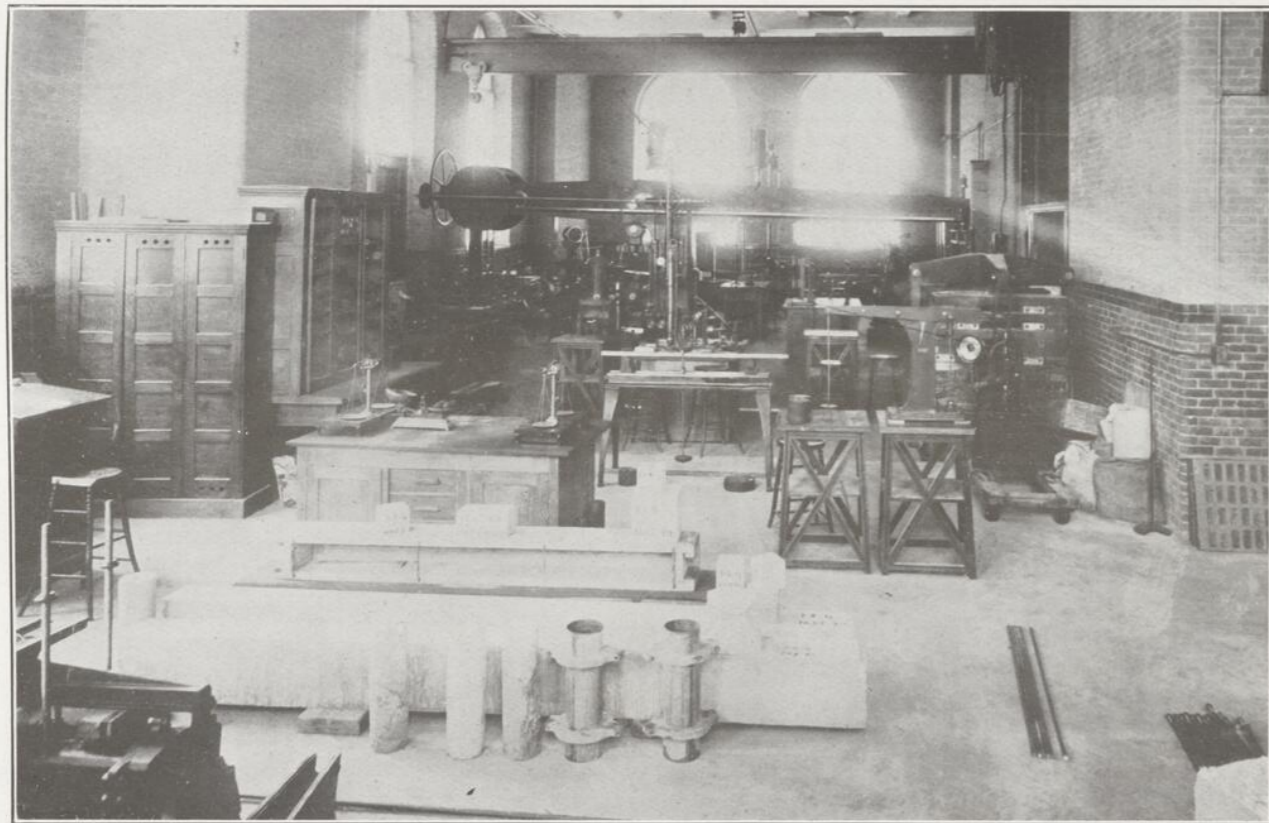
A neat illustrated booklet, with prices and other good information, will be sent on request.

THE ADAMS FURNITURE CO., Limited
CITY HALL SQUARE. TORONTO, ONT.

HOLBROOK'S

Adds a delicious zest and piquancy to **SOUPS, FISH, MEATS, SAUCE POULTRY, GAME.**

MADE AND BOTTLED IN ENGLAND—SOLD BY ALL GROCERS



THE TESTING LABORATORY IN THE NEW ENGINEERING BUILDING AT McGill—This Laboratory is provided with all types of machines for the purpose of testing the strength of materials. The large testing-machine in the middle of the Laboratory is a 100-ton Wicksteed machine. (See pages 4 & 5.)

SIZE OF AMERICAN FAMILIES DECREASING.

From 1790, when the first United States census was taken, to 1900, the year of the latest census, the size of the average American family dropped from 5.8 to 4.6 persons. Had the average size of families remained the same in 1900 as in 1790 the country today would have a native population greater by 20,000,000 persons.

The increasing movement toward the cities is responsible in large measure, in the opinion of the census officials, for the decreasing size of families.

Apartment-house and flat life does not encourage rearing of large families, while the struggle for existence in cities is more exhausting than under the conditions usually prevailing in rural districts.

MANNERS AND MONEY.

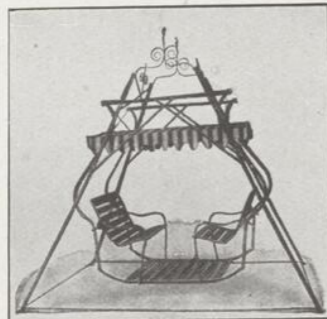
That manners make money is incidentally illustrated by the history of the motor trade in one of the largest cities of India. It started conclusively in the hands of British firms. Then

a Frenchman who was engaged in the business of selling precious stones be thought him that there was scope for development, so he invited his brother to join him, the latter being a man with experience in the trade of France. They would not sell any make of car exclusively, but undertook to supply any types desired, and to-day the bulk of the motor trade in the Indian city in question is done by them. They attribute their success to one thing—politeness. Manners and business methods cost nothing—yet they account for 50 per cent. of success.—Morning Post, London.



MR. F. P. BRADY, who was recently appointed to the Board of Management of the I.C.R. Mr. Brady has had 30 years' experience in rail-roading.

SUMMER PLEASURE



is just what you get with our STEEL LAWN SWINGS. Swing as light as a feather. Absolutely Safe, Beautiful Design. Won't Rot. ELEGANT APPEARANCE. Can be folded and put away for winter. Sold on its merits. Money back if not as represented. Send for Catalogue M.

Ont. Wind Engine & Pump Co., Ltd. TORONTO.



The Original and only Genuine

BEWARE OF IMITATIONS SOLD ON THE MERITS OF MINARD'S LINIMENT



W.G.P. Coat Shirt

Just slip it on like a coat—not a rumple to the bosom. Fits snugly over the shoulders. Comfortably roomy under the arms. Correctly proportioned sleeves—general length.

Made to look well, wear well, fit well. Dress and business styles, white and colored. W.G.P. Makers, Berlin, Canada

The fastest racehorse travels at the rate of forty miles an hour.

1,520,150,000 is estimated to be the world's population.

Ask Your Grocer FOR

"SALADA" TEA

For quality and flavor it has no equal. Lead packets only. At all grocers

Are You Amongst Those Who Say Wool Is Too Hot?

If so, why doesn't nature provide animals with a cotton covering for summer and a woollen one for winter?

Animals even in tropical countries do not feel oppressively hot in summer, nor do those in the temperate zone take chills by becoming wet, or on account of the changeable seasons. The reason is, they are covered with wool (hair or fur) summer and winter alike.

You can enjoy the same immunity from the heat by wearing wool throughout. Woollen underwear, shirts and clothing keep the skin pores working freely, removing the feeling of oppressive heat and all fear of chills, and giving you a lightness and freedom unknown to those who have not tried it.

The Jaeger System provides absolutely pure undyed woollen underwear of gauze texture; and the smartest and most up-to-date styles in shirtings for men, who value health and comfort during business hours in the hot weather.

The needs of Ladies and Children are equally well provided for. We shall be pleased to mail catalogue or to show the goods at our own store.

A full range of latest styles in Knitted Coats and Golfers for ladies, and Coat-Sweaters and Sweaters of all kinds for men and boys.

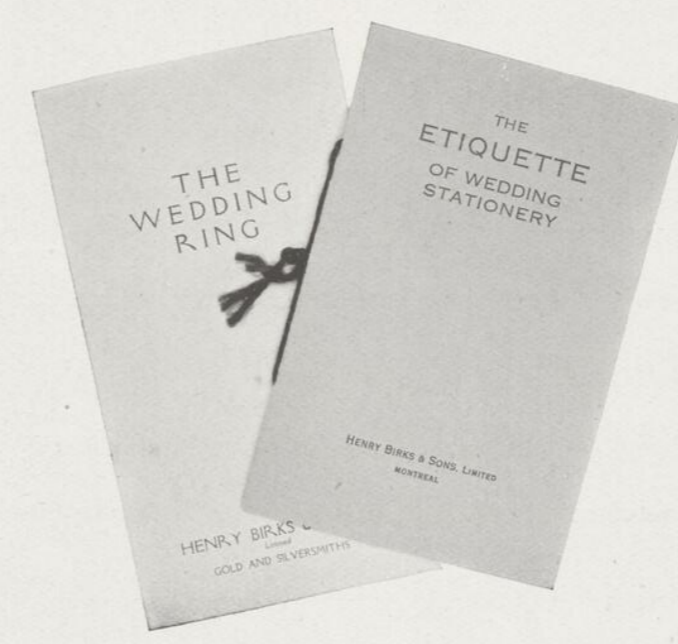


WINNERS OF THE T. L. PATON CHALLENGE TROPHY—Members of the Intermediate Division Team, Mount St. Louis College, who recently captured the Championship Trophy donated by the M.A.A.A. for efficiency in physical training. Reading from left to right, the names are:—Back row: P. Grenier, H. Clavette, G. DeVarenes, V. Brodeur, R. Robitaille, F. Cavanagh, L. Lavallee, E. Grace. In centre: Mr. C. J. Charlton, instructor; Major J. Ostel, representative. Middle row: M. Dubuc, G. Lajoie, Y. Adam, P. Gravel, A. McCallum, L. Belanger, F. Dufresne, J. B. Racette, H. Vallee, H. Dupuis. Front row: L. Limoges, P. Racette, L. Dufresne, A. Morin, E. Paquette, S. Pitt. In foreground: J. Normandin, L. Champagne. (Photo by Lapres & Lavergne, St. Denis street, corner Ontario.)

Winners of the T. L. Paton Trophy.

The Mount St. Louis College Team were the winners in the first contest for the T. L. Paton Trophy, donated by the M.A.A.A. for the Championship of Montreal in physical training. Eight teams entered for the competition, all of which were representative of the leading athletic and educational establishments of the city and district. The work done by the teams was exceedingly good, and evoked considerable enthusiasm amongst those who were privileged to witness it. While the exercises of all teams were of a very high order, it would seem that the judges, in giving their verdict in favor of Mount St. Louis, were struck by the happy combination of health-giving exercises and well-executed recreative gymnastics.

Those who witnessed the final test before Colonel Sir John Hambury-Williams at the Arena were particularly impressed by the absolute precision and the poetry of motion displayed by the team in their club-swinging exercises. It is recognized by those responsible for the physical training of the students of this Institution that mere "pretty exercises" are not of much value in themselves, but when combined with the more serious body-building movements for both external and internal development, such recreative gymnastics as club-swinging are of much value in training the young pupils to become physically well-balanced men, and the sound body is generally a sure sign of a sound mind.



About Weddings. Two instructive little booklets have just been issued by the Advertising Department of Henry Birks & Sons, Ltd., Montreal. One entitled "The Wedding Ring," giving an historical sketch of this interesting little band of gold as it has come to us through the early ages. The other entitled "The Etiquette of

Wedding Stationery," giving concise and accurate information as to Fashion's correct form of wording the invitation and announcement, how they should be sent, who should send them, the correct form of addressing and much other information that one directly interested in a wedding should know. These booklets are well worth sending for and are free for the asking.

The Economy of St. Lawrence "Crystal Diamonds"

A 5 pound box of St. Lawrence "Crystal Diamonds" may cost a few cents more than 5 pounds of ordinary sugar.

But ordinary sugar won't sweeten as many cups of tea or coffee as will the same amount of St. Lawrence "Crystal Diamonds."

Using these dainty squares of sweetness, means no sugar spilt on the table—no sugar wasted—cleanliness and tidiness.

Sold in attractive 5 pound cartons or by the pound—but be sure that you ask for "Crystal Diamonds."

The St. Lawrence Sugar Refining Co. Limited MONTREAL.

For regular home use, St. Lawrence GRANULATED SUGAR is the standby. Get the 20 pound cotton bags. Full weight—no waste—clean—convenient.

SHREDDED

A Food for the Invalid and the Athlete—On the Training Table of every University.

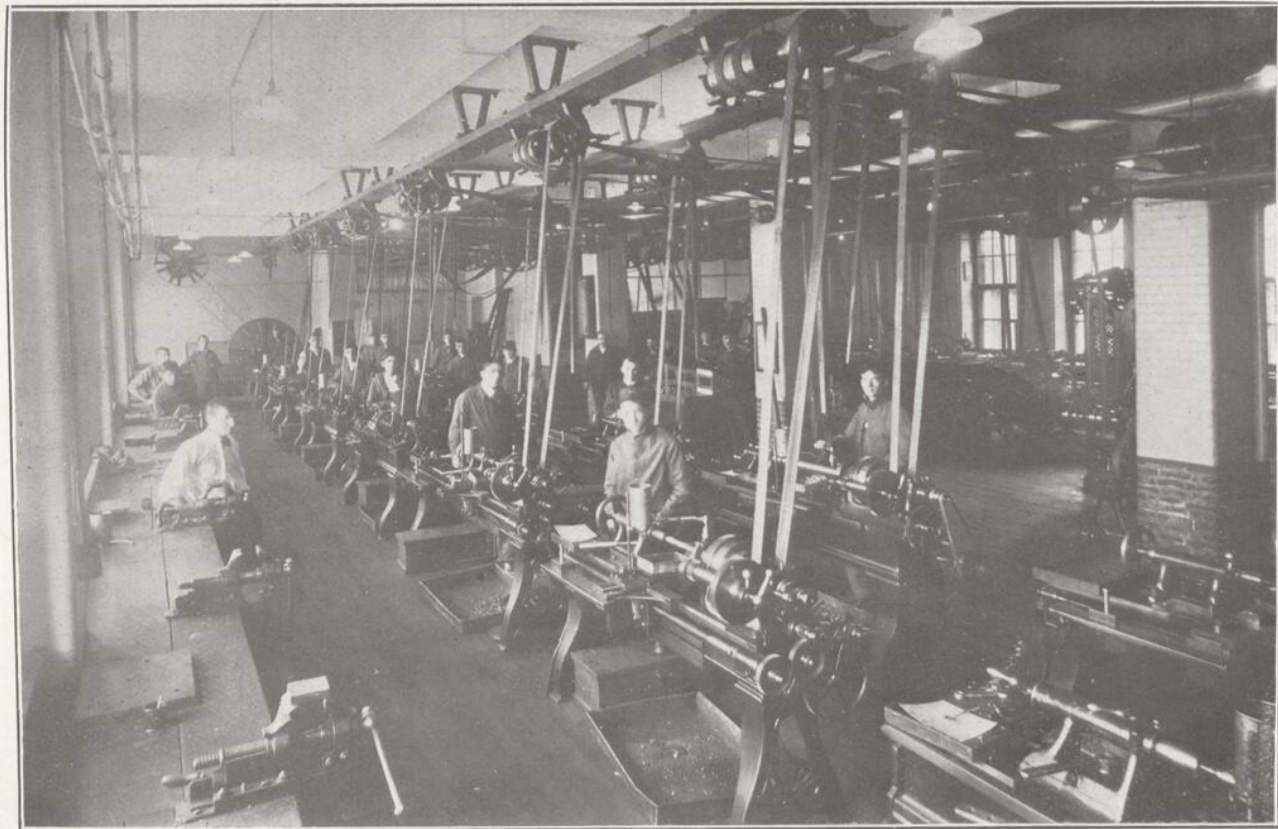
To serve—simply heat in oven, pour hot milk over it and salt to taste. Sold by all grocers, 13c. a carton; two for 25c.

WHEAT

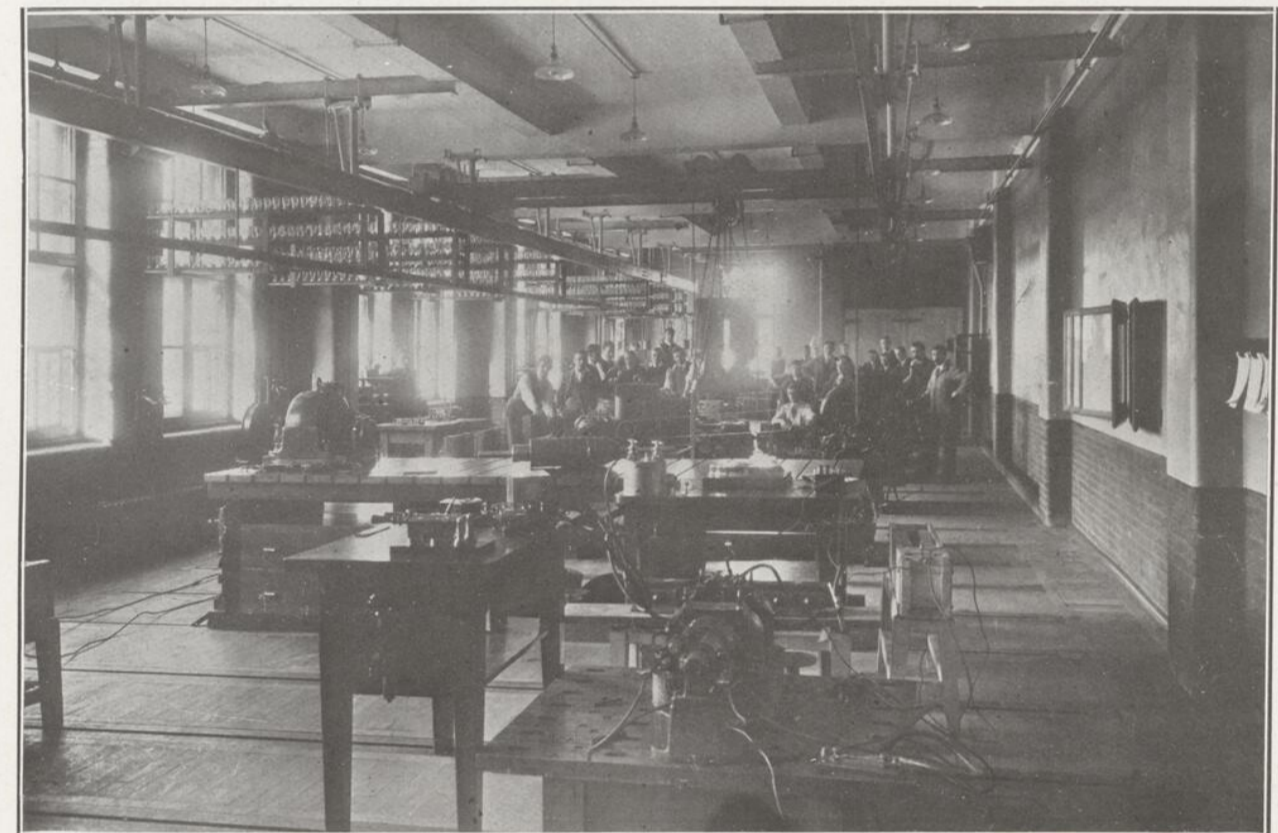
GEMS FROM ENGLAND FOR THE JUNE BRIDE

Send for our beautiful Free Catalogue containing 7,000 illustrations of the most suitable articles for June Wedding Gifts. We sell direct to the purchaser, thus saving you the retailer's profit and giving you a greater variety of choice than can be obtained in the ordinary way. These few suggestions of design and price: No. 5480: Best Diamond and real pearl pendant \$103. No. 4287: Fine rose diamond star, with double cut clusters and centres; forms brooch, pendant or hair ornament. Price \$168.50. Write at once for beautifully illustrated 6,000-page Catalogue.

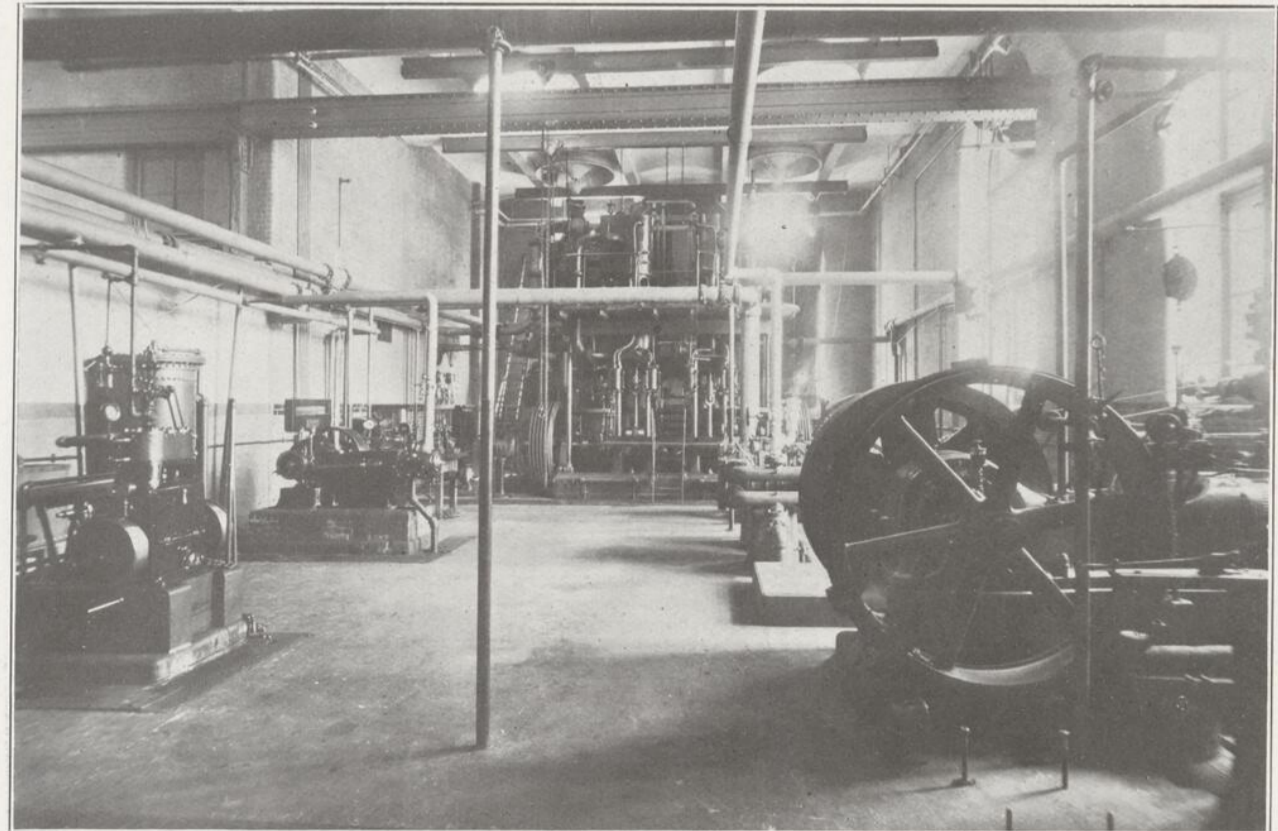
The Association of Diamond Merchants LIMITED 6 Grand Hotel Bldg., Trafalgar Square, London, E.C., England A limited number of these Catalogues can be obtained from No. 5480 1544 Room 107, Mail Bldg., Toronto. No. 4287.



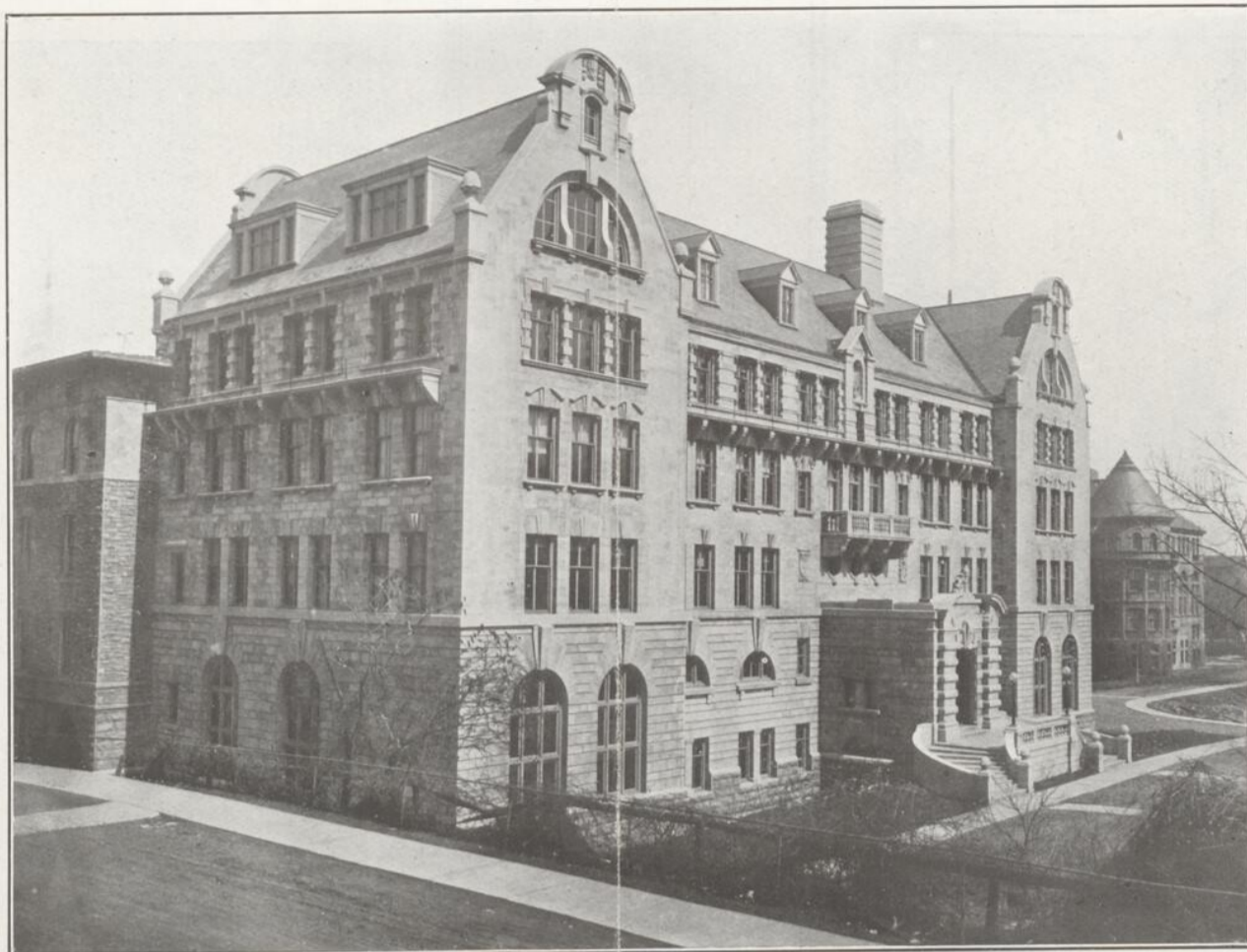
ONE OF THE MACHINE SHOPS.—The photograph shows a class of Second Year men working at the lathes. All the machinery in the workshops is driven electrically by motors taking power from the generating station in the Macdonald Building.



DIRECT CURRENT LABORATORY.—All engineering students work in this Laboratory, where instruction is given in the operation of various types of motors and generators as well as in the control and standardizing of electrical instruments. The photograph shows some students of the Third Year at work.



THERMODYNAMIC LABORATORY.—This Laboratory contains steam engines of various types, compressors, etc.—that at the end of the room is a 120-horse-power engine arranged so that it may be worked as a simple, compound, triple or quadruple expansion engine, either condensing or non-condensing.



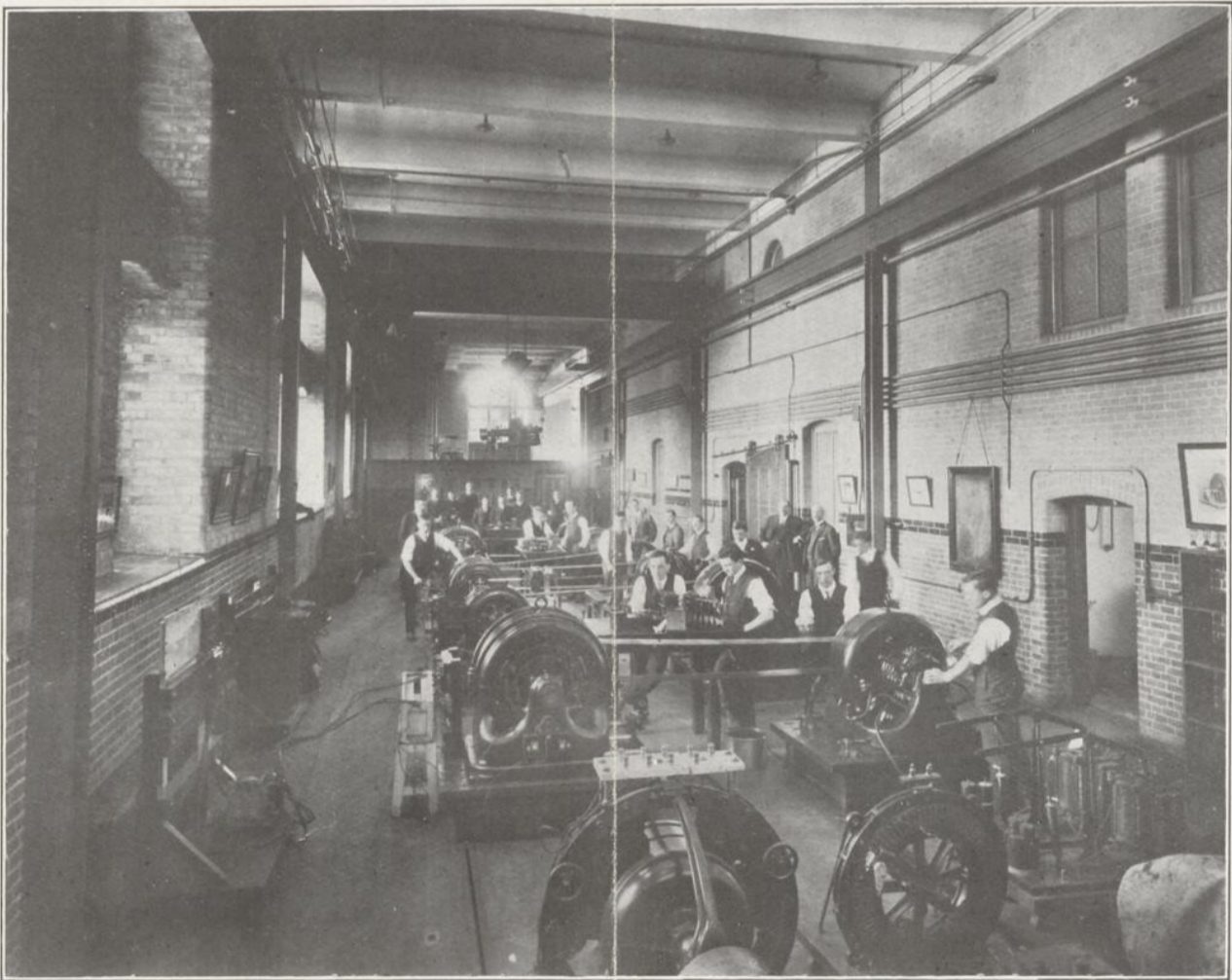
THE NEW MACDONALD ENGINEERING BUILDING AT MCGILL UNIVERSITY.—In this building are to be found the laboratories, class-rooms, and work-shops illustrated on this page. The building is the largest on the University Campus, and is considered to be so fire-proof that not a cent of insurance is carried on it.

CONVOCATION YESTERDAY SHOWED MCGILL TO HAVE THE BEST EQUIPPED ENGINEERING BUILDING IN AMERICA.

THE new Engineering Building at McGill (illustrated on this page) has about 4,500 square feet more floor space than the old one, and is somewhat higher; the increased height affording improved facilities in the laboratories. The construction throughout is fire-proof. The floors and stairways are of reinforced concrete. The interior is thoroughly divided by fire-walls, the openings in which are closed by automatic fire-doors. Indeed, all the doors are practically fire-proof, while the more exposed windows are glazed with wire-glass. The elevators run in fire-proof shafts. Combustible material in the furniture is reduced to the lowest lim-

it. All lockers, for instance, are steel, while the drawing-desks have steel frames and the drawers are lined with zinc and asbestos. Noteworthy features of the building are a commodious Students' Common Room, and a lecture-theatre seating 200 students. A modern ventilating and heating system has been installed. For the former a large fan supplies 55,000 cubic feet of air per minute, which, after being heated, washed and suitably moistened, is conveyed by means of ducts to all parts of the building, while the hot water system, controlled by separate thermostats on the east and west sides of the building, gives a practically constant temperature under all weather conditions.

The scheme of artificial lighting is also a feature of this building. It is worthy of note that this building, which is without doubt the finest of its kind on the continent is a "home-made" product. It was designed and the construction supervised by Professor Nobbs, of the Architectural Department, and his assistants; while the heating, ventilating, electrical and structural features were supervised by Professors McLeod, Durley and Owens. Commodious as it is, the rapidly increasing number of students already taxes the accommodation to the utmost, and if the expansion of the Faculty continues, a second Engineering Building will be required in the near future.



THE ALTERNATING CURRENT LABORATORY.—The Laboratory is fitted with alternating current generators of different makes, driven by direct current motors. Sixteen alternating current machines, including single, two and three phase generators, synchronous motors, synchronous converters, together with stationary and rotary induction apparatus are provided. The machines are so arranged that they can readily be moved by means of the electric travelling overhead crane, which is seen in the picture to be bringing a machine up the Laboratory. Dean Adams and Professor Herdt are standing on the right.



THE FOUNDRY.—This room has benches and apparatus for moulding and core-making. On the right a gas-fired brass melting-furnace is shown, and at the back a cupola for melting iron. A class of First Year students is shown at work.



ONE OF THE GEODETIC LABORATORIES.—This room contains instruments for measuring the constants and determining the errors of surveying instruments. The instrument in the foreground is a circular comparator. This is one of the most important scientific laboratories at McGill.



THE SMITH SHOP.—This room is provided with 16 Sturtevant forges, each power driven and connected with an exhaust-fan. There is a power-hammer and the necessary equipment of anvils and tools. (All photographs on this page by A. I. Rice, St. Catherine Street West.)