

## TO SUPPLY PUREST OF DAIRY PRODUCTS

Farmers' Dairy in New Sanitary Building, Has Fine Plant.

## BATHED IN SUNSHINE

Twentieth Century Sanitation and Hygiene in Use Here.

Bathed in sunshine, flooded with light, no dark corner to be found anywhere on the premises, the new headquarters of the Farmers' Dairy Company, Limited, on Palmer road, presents one of the finest illustrations conceivable of twentieth century sanitation and hygiene. Situated on the height of land just south of Chas. Loma, the great gray building, with its tall chimney and immense stretches of windows, forms an interesting feature in the landscape. Entering one is at once fascinated by the evidence on every hand of the expert methods in progress for the purpose of supplying Toronto citizens with the finest products of the dairy in the most palatable and healthful manner known to modern science.

The building itself is remarkable for its absolute cleanliness, its white enameled walls, hardwood or cement floorings, with alcove corners, its great glass surfaces, all defying dust collecting, and forming an impenetrable barrier against the all-detracting microbe.

Plant is Unequaled.

Established six years ago, the concern has far outgrown its earlier quarters and equipment, and the decision to develop in order to meet the demands of the present day has resulted in the erection of a dairy plant unequalled on the continent of North America in up-to-dateness of machinery and method. This is all apparent on examination from the basement, where the heavier machinery and heating plant are situated, on thru the different rooms, where the milk is in process of different operations; up to the general offices, where the attractive outlook, restful walls and furniture in light oak form an inviting environment.

To follow the milk from the time it is taken into the receiving-room on the first floor until it again emerges all bottled and capped ready for the consumer is an object lesson which would benefit every farmer and citizen in the Dominion could they but have the opportunity to profit by it. When the cans are unloaded from their wagons they are taken into the receiving-room, where they are examined, and if they pass the test the milk is then poured into a tank, from which the lacto fluid ascends into the pasteurizing-room, while the cans are run on carriers into the washroom, where they are placed in large boilers, from which they emerge scoured, pasteurized and dry.

All is Pasteurized.

When the milk reaches the vats above it goes into the heaters, where the temperature is at 142 degrees Fahrenheit, and in the big white and gold receptacles it is kept for three minutes for pasteurizing is in progress. From this the milk travels thru the pipes into the cooling-room, where it is acted upon by fresh water and brine until it remains at 35 degrees when it continues its circuit into the bottling-room where the shining bottles stand ready to receive it. Here the bottles are placed on a revolving machine, which moves in such a manner that the milk descends from taps until the bottles are filled, then moves on, the caps meantime being placed, fitted and sealed—all thru the medium of one single piece of machinery.

The churning-room is another interesting department, the activities of the butter-making operation affording one of the most convincing proofs of the march of science and its improvement on the more or less haphazard home methods of unskilled production. Like every other spot in the building the churning-room is a model of neatness and cleanliness. The operators are in white and with constant companions are rubber hose, from which they are continually emitting streams of seething water upon the appliances used in the evolution of the sweet-smelling golden product. The large vats in which the milk is churned hold from 30 to 400 pounds and they revolve by means of great electric motors for about forty-five minutes before the transition from milk to butter is complete.

Near the churning room is the laboratory, where the milk is tested by an expert for butter-fats, bacteria and the rest.

The cold storage room in which everything is kept from the time it is ready for shipment until it is placed on the wagons, is kept at a temperature of 34 degrees by means of the blast system, the cold air being drawn into the apartment by large fans and the warm air drawn out. As in every other department the system here is the very latest and best.

In the Workshop.

The basement exhibits another form of industry. Here is the workshop, in which repairs of cans and carriers is done. Here, too, are the motors by which all the important work above is made possible. One of the most novel sights is the machinery in one of these departments already widely known as official frost manufactured on the premises. In the boiler room two great boilers extend from floor to ceiling, the feed pumps and indicators all forming part of the equipment. The delivering department, where the drivers come in with their returns is reached by a stairway which separates this from the other departments. On the same floor is the office of the plant superintendent and the stock room for supplies. Stables are in course of erection, which, when completed, will afford accommodation for 150 horses.

In arranging for the best care of the products which are already widely known for the excellence of their quality, the management have not forgotten the welfare of those who help to materially in their evolution, and for the employees there are lunch and dressing room, lavatories, bath and shower, all destined for their health and comfort. In keeping with the same high standard of the concern the committee room and head offices are finished in mahogany with handsome furniture of the same quality upholstered in leather. The opaque white shades on electric bulbs afford a softening artificial light.

While endeavoring to send out their milk by swift methods, the dairy gains for their firm the name of handling the best to be found on the American continent with regard to quality, cleanliness and the things that go to the making up of perfect nutrition, the Farmers' Dairy also strives to give a good price to those from whom it purchases and the best possible to the consumer at a reasonable cost.

## BRITAIN NOW READY FOR BALKAN CRISIS

Bulgaria's Intention Believed to Be Amicable Towards Entente.

## WILL DEFEND RIGHTS

Mr. Asquith Appeals for Cessation of National Controversy.

LONDON, Sept. 28.—Premier Asquith appealed in parliament today for a united nation, without factional disputes. A number of questions had been put to the premier relative to recruiting and national service, but he declared he could give no answers at this time.

It was then that the prime minister made this appeal: "I ask all sections of the house to abstain from pressing questions. The government's service cannot be hindered more at the present moment than by suggestions of a division of opinion upon this matter." Mr. Asquith was referring to conscription.

No Aggressive Intentions.

"Our official information from the Bulgarian Government," said Sir Edward Grey, "is that they have taken up a position of armed neutrality to defend their rights and independence, and that they have no aggressive intentions whatever against their Balkan neighbors. Not only is there no hostility in this country against Bulgaria, but there is a traditional warm feeling of sympathy with the Bulgarian people. So long, therefore, as Bulgaria does not side with the enemies of Great Britain or her allies, there can be no question of British influence or forces being used in any sense hostile to Bulgarian interests, and so long as the Bulgarian attitude is unaggressive there can be no disturbance of the friendly relations."

Britain Fully Ready.

After making the categorical announcement that if Bulgaria should assume an aggressive attitude towards the allies, the government would take action, Sir Edward continued:

"We are, of course, in consultation with our allies on the situation, and I believe the view I express is theirs also; our policy being to secure an agreement in respect to the Balkan States which will ensure each of them not only independence, but a brilliant future, based as a general principle of territorial and political union and kindred nationality."

To secure this agreement we recognized that the legitimate aspirations of the Balkan States must find satisfaction. The policy of Germany, on the other hand, has been to create for her own purposes disunion and war among the Balkan States. She made use of Austria-Hungary to precipitate the European war, with the result that that empire is completely subordinated to Germany and dependent upon her.

Turkey Subordinated.

"Turkey, whose interests would have been preserved if she had remained neutral, has been unfortunately forced by Germany into this war and is now being subordinated and made dependent on Germany in order to realize Germany's aspirations and influence from Berlin to Bagdad."

In the same way, it would naturally be Germany's policy to use any of the Balkan States, with the inevitable result that that state eventually would be subordinated to her and that, the territorial gains might be promised, she would lose her independence.

This is directly contrary to the policy of the allies, which is to further the national aspirations of the Balkan States without sacrificing the independence of any of them."

## FRENCH HAMMER AT SECOND DEFENCES

Terrible Artillery Fire Directed on German Lines in Champagne.

## CROWN PRINCE BEATEN

Serious Check Administered to Attacks of Enemies in Argonne.

PARIS, Sept. 28.—The French are now battering the second line of German defences in Champagne, while the British to the north apparently have been able to crush all German counter-attacks. The situation on the western front as created by the allied offensive of Saturday and Sunday seems to be about where it was. The diversion initiated by the German crown prince in the Argonne at some places reached the first French line, but nowhere did the Germans break thru, tho they have suffered heavy losses.

Official Statement.

Today's Paris communiqué reads: "In the Argonne district we made advances yesterday evening, and last night we gained ground step by step in the directions of the hills to the east and to the southeast of Souchez. In the Champagne district the Germans are offering resistance from certain of their positions, where they are protected by concealed barbed wire entanglements. We have made further progress in the direction of Hill No. 185, which is to the west of the Navarin farm, and in the direction of La Justice, which is to the north of Massiges."

Foe Checked in Argonne.

"In the Argonne the obstinate attacks delivered yesterday by the enemy with six or eight battalions against our first line trenches at La Fille resulted in the capture of the counter-attacks and a serious check. The counter-attacks made by us in the course of the night made it possible for us to expel the German infantry from almost all the positions they had succeeded in penetrating. The ground in

## These Firms Use Daltons

Acme Glove Works  
American Radiator Company  
Baillie, Wood & Croft  
Bank of British North America  
Barber, Ellis, Limited  
Walter H. Barry & Co., Limited  
Berliner Gramophone Company  
Henry Birks & Sons, Limited  
Boston Insulated Wire & Cable Co.  
Bovril, Limited, Beef Extract  
W. R. Brock Company, Limited  
Campbell Flour Mills Company  
Canadian Bag Company, Limited  
Canadian General Electric Company  
Canadian Vickers, Limited  
Carswell Company, Limited  
L. Chaput, Fils et Cie, Limited  
Cheese & Debbage  
City of Montreal, Treasurer's Office  
Conduits Company, Limited  
Darling Bros., Limited  
Debenhams Canada, Limited  
Department of Public Works,  
Ontario Government  
Dominion Coal Company, Limited  
Dominion Express Company  
Dominion Paper Box Company  
Duchesneau & Duchesneau  
Foundation Company, Limited  
Fowles Brothers & Co.  
Frankel Bros.  
The Fraser Brace Company, Limited  
General Supply Company, Limited  
Gillette Safety Razor Company  
Grand Trunk Railway  
Gray-Harvey, Limited  
Gurney, Massey Company, Limited  
Hamilton Importing Company  
Harbor Commissioners, City of Montreal  
Harbor Commission, City of Toronto  
Hupfield, Ludecking & Co.  
Hydro-Electric Power Commission  
J. J. Joubert, Limited  
William T. Joy  
Kennedy Construction Company, Limited  
Lamontagne, Limited  
Lands, Forests and Mines Department, Ontario Government  
Laurentide Paper Company, Limited  
A. C. Leslie & Co., Limited  
London Mutual Fire Insurance Co.  
Walter Lowey Company, Limited  
MacDonald Manufacturing Co.  
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Mackenzie, Limited  
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Maple Leaf Milling Company  
Jno. S. Metcalfe Company, Limited  
Malcolm & Souter Furniture Co.  
Montreal Biscuit Company  
Montreal Daily Mail  
Montreal & Southern County Ry.  
Montreal Tramways Co., Street Ry.  
McArthur, Irwin, Limited  
T. McAvity & Sons, Limited  
North-West Novelty Company  
Northern Electric Company, Limited  
Ogilvie Flour Mills, Limited  
Ontario Furniture Company  
Jno. W. Peck & Co., Limited  
Phoenix Insurance Company of Hartford  
Preston Car & Coach Co.  
Provincial Life Assurance Company  
Pugsley, Dingman & Co.  
Geo. W. Reed & Co., Limited  
R. A. Ross & Co.  
Royal Distillery Company  
Rumley Products Company  
Saskatchewan & Western Elevator Co., Limited  
Smarndon Shoe Company, Limited  
Standard Fashion Company  
Chas. Tilley & Sons  
Toilet Laundry Company, Limited  
Toronto Hydro-Electric System  
Vineberg's, Limited  
Wayagamac Pulp & Paper Co.  
Western Insurance Company  
Westmount School Commissioners  
York Press

And practically every department of the Dominion Government at Ottawa.

# The Dalton

THE Dalton Adding Machine, with only ten keys, does more than the old style machines with eighty or one hundred keys--and does it quicker. In fact, it is the fastest adding machine ever touched by the fingers of an operator.

In its operation there is no jumping from column to column—you simply depress the keys in the order in which the figures occur in the amount. The machine automatically places units under units, tens under tens, etc., without the operator giving the matter a thought.

The Dalton adds, subtracts, multiplies, divides, figures fractions as well as whole numbers, cross-foots, computes interest; figures costs, payrolls, charge sheets; pro-rates, verifies invoices, foots trial balances, checks postings, figures percentages and discounts, makes out monthly statements. In fact, the Dalton takes care of anything that comes under the head of figure work with ease, accuracy and dispatch, rendering a physical audit slip of the work performed.

The W. R. Brock Company, Limited, bought their first Dalton in 1912. They say: "We have had no trouble of any kind, although, owing to its adaptability, we make more use of the Dalton than we did of the machine which it replaced."

The Laurentide Paper Company, Limited, bought their first Dalton in 1912—several since then. They say: "Mechanically, it is a wonderful piece of work, and most reliable. The Dalton is the best machine we have ever used."

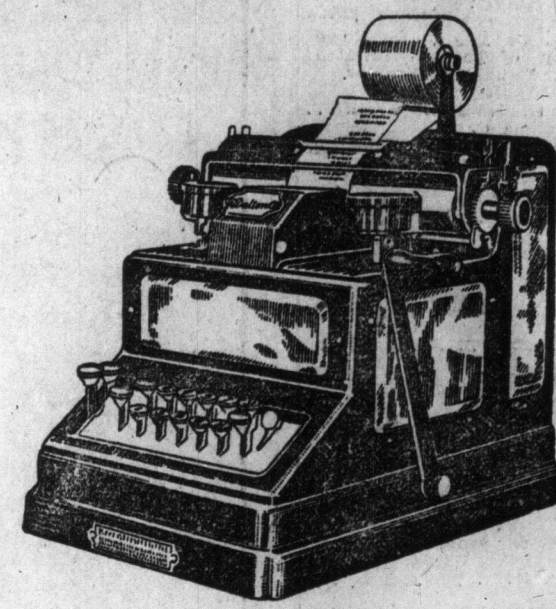
The Hydro-Electric Power Commission say: "The Dalton is all you claim it to be, and has never given the slightest trouble. The touch method of operation makes the work very fast, and relieves the strain due to the constant shifting of the eyes from paper to keyboard necessary on other machines."

THE Dalton is sold through our offices in all Canadian cities. Dalton users anywhere in the Dominion are assured of the same efficient service that goes with the Underwood typewriter.

IF YOU are interested in an adding and calculating machine—simpler, faster, of broader scope, and more efficient than any other you have seen—we are ready to show it to you in your own office. A request for a demonstration, or for literature, will receive prompt attention.

## United Typewriter Company, Limited

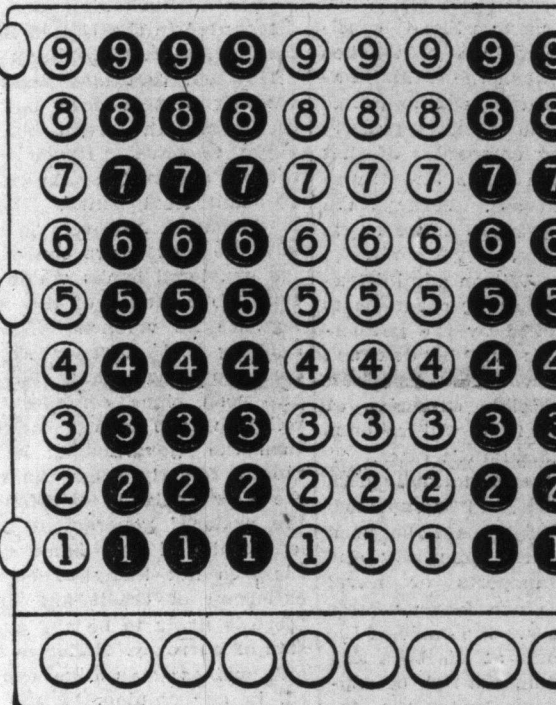
### Underwood Building 135 Victoria Street, Toronto. Main 7834



## The Dalton With Only Ten Keys



## The Dalton Keyboard



## The Old-style Keyboard

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## BRITISH SUBMARINES EMPLOYED IN BALTIC

Commander Noel Lawrence Decorated by Russian Government for Exploit.

LONDON, Sept. 28.—The silence of the admiralty in regard to the work of British submarines in the Baltic was explained in the house of commons today by Thomas MacNamara, financial secretary of the admiralty. Mr. MacNamara said, in response to a question, that these submarines were under the orders of the Russian commander-in-chief.

"The house will realize that much gallant and successful work is being done by these vessels," Mr. MacNamara said, "but the responsibility of deciding what shall be made public of their proceedings in the Baltic must rest with the Russian admiralty."

Commander Noel Lawrence is the officer who was decorated by the Russian Government for the successful torpedo attack on the Moltke.

The Moltke, it will be recalled, was reported sunk in a naval engagement in the Gulf of Riga some weeks ago.

## COMMISSION WILL STUDY SOLDIERS FOR SETTLERS

Bonar Law Will Have Scheme Prepared for Settling Men in Dominions.

Canadian Associated Press Cable.

LONDON, Sept. 28.—Bonar Law has appointed a commission, of which Sir Rider Haggard is chairman, to visit the dominions with a view to drawing up a scheme for settling returned soldiers after the war.

The colonial secretary has received promises of co-operation from the Canadian and Australian governments.

A well-known medical writer says: "I always first prescribe Bisurated Magnesia in every case of hyperacidity (sour acid stomach) that comes to me." A teaspoonful in a fourth of a glass of hot water usually gives INSTANT RELIEF. Sold by all druggists in either powder or tablet form at 75 cents per bottle.

## PASSENGERS SHIVER, BUT NOBODY CAN BE BLAMED

No Waiting Room at Sunnyside While Deal Waits Completion.

Chairman D. M. McIntyre of the railway board said yesterday that it was scandalous that the patrons of the Mimico division of the York Radial Railway should have to stand out in the cold waiting for the haphazard service offered by the company. The chairman pointed out that because that portion of the line between the Humber and Sunnyside has been purchased by the city, the company cannot be compelled to give waiting room accommodation. The city has not yet completed the purchase, in that it has not paid for the road, and there the matter stands with responsibility resting nowhere.

WRIST WATCH FOR RECRUIT.

Mr. F. Allen Ashford, 287 Brunswick avenue, Toronto, who has joined the Divisional Signal Corps for overseas service, was presented with a handsome military wristwatch by Mr. J. H. Woods, vice-president of the Fancy Goods Co. of Canada, with which firm he has been connected for nine years.

## ALL BRITISH OFFICERS ON LEAVE RECALLED

Under Secretary of War Tennant States No Further Leave to Be Granted.

LONDON, Sept. 28.—All officers of the British army now on leave have been recalled.

Under-Secretary of War Tennant stated in the house of commons this afternoon that no further leaves would be granted at present.

