

EMBARGO STRIKE ENDS

ent by Munition Ministry, But declined.

SPREADING

nd Allied Trades but Tuesday if Not Removed.

5.—The ministry of... resolution from the... committee, repeat... offer to recommen... assumption of work if... ended the embargo... resolution says:

5.—The ministry of... resolution from the... committee, repeat... offer to recommen... assumption of work if... ended the embargo... resolution says:

5.—The ministry of... resolution from the... committee, repeat... offer to recommen... assumption of work if... ended the embargo... resolution says:

ED THE STRIKE.

25.—In view of the... well to restate the... deficiency of skilled... ed the government... distribution of labor... firms by attractive... to secure an... of skilled workers... government embargo... vention firms, who... an excess of skill... allowed. One of... was thereupon issued... at the government... to apply to men... district rate and... for the future to... skilled workers, it... men misunderstood... the embargo, which... interpreted as an... of skilled workers... the army by means... art from this the... embargo is a restric... it to dispose of their... best terms.

the Mover

lished Branch in Toronto.

ELIABLE MOVER

Hamilton, Phone 8661

HAMILTON

RY HOTEL, 193 James St.

TYPE WRITER

OR OLD BAGS GET MY PRICES

At Yarn, Green and James Street Doors are boxes where orders or instructions may be placed. These boxes are supplied every hour until 1 p.m., and twice in the afternoon.

EATON'S DAILY STORE NEWS

HAVE YOU A "D. A."? A deposit account is one of the greatest conveniences in ordering goods by telephone. Apply for particulars at the "D. A." Office on the Fourth Floor.

Chiefly in the Interests of Motorists and Campers

In Motor Rugs There is Wide Choice Heavy Woollen Rugs to Keep Out the Cold, Light-weight Dusters and Waterproofs; also Ground Sheets for Tourists

Even in July and August there are many days when a rug is more than welcome in a motor, and since 'tis wise to be prepared against all contingencies, the collection of rugs in the Blanket Department should prove extremely interesting.

The prices of the wool rugs are very moderate now when the wool shortage is so very apparent. For instance, there are heavy English woollen rugs in dark plaids and tartans, mostly greens and blues and browns, with on one side fine red, white or gold lines, and fringed on two sides. These are \$9.50.

Very good-looking rugs, plain on one side—grey, navy or green, and with dark plaid designs on the other side, are \$10.00 each.

A group of heavier rugs in all manner of Scotch tartans and English plaids, also certain plain brown, grey and green rugs, may be seen in soft weaves at prices ranging from \$13.50 to \$25.00.

Dusters of grey checked material finished with stitched edges are procurable at \$5.75.

Very good dust rugs of sand-colored whipcord finished in the same manner are \$8.50, and with checked material on one side and whipcord on the other, \$12.50.

A rug with showerproof checked cloth on one side and a heavy dark green cloth on the other is \$14.00.

For campers, or even for the ordinary picnic party, is a most useful waterproof canvas ground sheet, with a brass-bound hole at each corner. Price, \$2.50.

—Second Floor, James St.

Planned a Motoring Tour? Then Here is an Eaton-made, Collapsible, Portable Tent That Should Interest You

It Can Be Erected in 15 Minutes, Has a Heavy Khaki Duck Cover, and Folds Into a Bundle About 8 x 8 Inches x 7 Feet, and is Provided With Beds.



AUGUST IS WELL NIGH HERE, and it's hey for the merry green woods and the outdoor life! So, whether the gypsy life by motor attracts you, or whether your plan for a holiday or your work, necessitates a more permanent abiding-place, you'll find this tent worthy of more than passing attention.

The sketch gives you an idea of its appearance, with the curtains turned back to show the three beds arranged ship-fashion, one above the other. These canvas bunks can be easily rolled back to serve as bags for the clothing, or removed altogether, when the entire space under the canopy is available as dining or living room, a mosquito bar netting ensuring freedom from all such troublesome little pests.

The curtains can be dropped and buttoned, transforming it into a storm-proof shelter. Hooks and wall pockets for clothes, and a collapsible table one foot six inches wide and seven feet long, add very much to its comfort and convenience, while the lower berth can be used as a seat. It is very well constructed, too, with strong, collapsible framework of cypress wood and iron, and covering of a heavy khaki duck. A carrier is furnished with each tent, which swings it to the side of your car—a neat-looking bundle—dimensions as above and weight about 100 pounds.

One of its greatest charms in the eyes of the tourist is the speed with which it can be erected and taken down, and the ease with which it is manipulated. No tools or instruments whatever are needed to adjust it perfectly, and it is so built that it can stand anywhere. The price of the tent, complete, is \$75.00.

—Fourth Floor, Yonge St.

City and Suburban Orders

If you cannot conveniently come to the Store or telephone, have your orders ready and give them to the drivers or drop them in the boxes situated at the entrances to the Store (8 collections daily), and your orders will receive immediate attention.



—Basement.

T. EATON CO LIMITED

GREATER EFFICIENCY IN CANADIAN INDUSTRY

The whole fabric of industry is based on science, and governments are now recognizing it as a duty to embark on a more enlightened policy by promoting scientific research.

Canada will soon have a national research institute, which will be located at Ottawa.

Just what is signified by a research institute, and just what is the economic or industrial value of a research institute, will be better perceived by references to some research institutes already in existence. First of all, some account can be given of the National Physical Laboratory of Great Britain, located at Teddington, near London.

The British Research Institute. The National Physical Laboratory of Great Britain is a well-established institution, and has fully demonstrated its value to industry and to the national welfare. This in pre-war years, and very much more so during these present war days. In brief the object of the National Physical Laboratory is to bring scientific knowledge to bear practically on the nation's everyday industries and commercial life.

The foundation of the National Physical Laboratory dates back to the first year in the current century. Its initial staff consisted of three assistant workers. The laboratory was then housed in the Kew Observatory. Today the laboratory has its own buildings at Teddington, is organized in eight different departments and has a staff numbering well over 500 superintendents, scientific assistants and observers, of whom 130 are women.

At this laboratory every sort of scientific problem in its relation to industry or war may be submitted for solution. In addition, the laboratory is the national standardizing and testing institution. As illustrations of the nature of the problems submitted for solution the following may be named:

An investigation into the causes of lubricating properties in oils with a view to framing a specification for such oils.

An investigation into rules for esti-

States of America, and note the work of the famous Mellon Institute in connection with the University of Pittsburgh. This institute was erected by the Brothers Mellon, bankers, to provide manufacturers with the use and facilities of a well-equipped laboratory and trained staff at less cost than the establishment of works laboratories. Any manufacturer requiring a subject investigated can endow a fellowship for one or more years, paying from \$2000, and also the cost of any special apparatus.

Work of the most varied character is done. Recently 42 industrial fellowships were in operation, and their investigations ranged from the coking of coal to the baking of bread, from the washing of clothes to the filling of teeth. The Canadian Government endowed a fellowship to solve the problem of separating asphalt from fine sand that there might be made available for commercial use—certain large deposit in Canada.

Outside the institute proper are a number of small shacks where test-tube results can be carried out on a commercial scale, for it always remains to be proved whether the test-tube discoveries can be applied commercially. In these shacks—unit plants, they have been called—commercial conditions are reproduced on a scale sufficiently large to prove success or failure.

As indicating the commercial results derived from a Mellon Institute investigation, research work for a large bakery in New York City resulted in improvements that are said to have saved the bakery a million dollars a year.

Beyond a doubt the industrial and commercial eminence of the United States is linked up with its numerous research laboratories. These laboratories are of three general classes: (1) those belonging to, and maintained and directed by the state, (2) those affiliated with universities and technical colleges, and (3) those allied to industrial plants. These types of laboratories are found in all countries where industry and education are well developed. In the United States are The Bureau of Standards at Washington, the Forest Products Laboratory at Madison, Wisconsin, and the laboratory in connection with the department of agriculture. Outstanding university and college laboratories are those of the Universities of Harvard, Columbia, Kansas, Cornell, Pittsburgh, Wisconsin, Chicago and Leland Stanford Junior, and the laboratory of the Massachusetts School of Technology. In addition may be named the labora-

ories in connection with the Carnegie Institution and the Smithsonian Institution, and the laboratory of the National Fire Prevention Association of the United States.

The laboratories connected with industrial plants are very numerous, and are often of magnitude, carrying on research work in the realm of pure, as well as of applied science. Prominent among these private or corporate works laboratories are those of the Bell Telephone Company, the Pennsylvania Railroad, The General Electric Company, The Eastman Kodak Company, to name no more. These companies or corporations spend large sums on research work—ranging from \$25,000 per annum to \$500,000, and do this year after year, for the one good reason that it pays them to do so.

Research Work in Canada. In Canada there are the three types of laboratories—state, collegiate and industrial. State laboratories comprise the Dominion Department of Agriculture, and the inland revenue laboratory which corresponds with the bureau of standards at Washington, giving its attention mainly to tests and measurements. While all Canadian universities have laboratories, yet perhaps only two profess to have well-equipped and well-staffed laboratories—McGill and Toronto, and these two universities should have their research work and facilities made much more extensive. Ultimately the objective will be to have laboratories of all the chief Canadian universities equipped and staffed to perform their proper function, which is more to train research workers than to do extensive research work, which can be better done in state and works laboratories with their larger equipments and facilities and available funds for the application of scientific discoveries to industry and commerce.

The industrial or works laboratories in Canada—those operated by private or corporate interests—are not very numerous, and are chiefly chemical, nor are they very extensive. As a rule they are connected with chemical and allied industries, and supply companies, wood products companies, iron and steel companies, and makers of agricultural implements and fertilizers.

One explanation why Canada has not more and larger works laboratories is that industry in this country has not attained the dimensions that warrant the establishment of extensive private laboratories. It is this situation that has led the Canadian Government to decide to erect at Ottawa a national research institute, which will resemble in its functions and ser-

TEACHERS ARE TAKING COURSE IN AGRICULTURE

Over 500 school teachers and inspectors are now engaged on the short course in agriculture at the Ontario College at Guelph. According to W. B. Roadhouse, deputy minister of agriculture, this season has been the busiest in its history. The impetus given to agriculture by the war has created a deeper interest in the subject among the teaching profession than ever before.

The crops on the college farm are all in splendid condition and all along the same hour, they decided it was the condition of the crops is very gratifying. Corn which had been somewhat slow in growth is now coming on well under the influence of the warm weather.

SUPPLY WHOLE CATCH TO HOTEL KITCHEN

Pessimists have said that fishing was dead in Muskoka, but visitors at the Wawa Hotel, Lake of Bays, know that this is not a fact. Last week, Mr. F. W. Leach, of Toronto, and a party of friends, armed with fishing tackle and bait, paid a flying visit to Hollow Lake, a small lake five miles from the Wawa Hotel, and there made a record catch of mountain lake trout. Isaak Walton, at his best, had nothing on these fishermen.

Arriving at the fishing camp at noon, they unpacked their tackle and started in to business. The following day, at the same hour, they decided it was time to pull in their lines and, like the Arabs, "steal away" back to the hotel, there to show their guests their remarkable catch, for truly remarkable it was—eighty of the finest trout, averaging three pounds each—was the reward these fishermen received for making the trip to little Hollow Lake.

NEW ZEALAND EXPENDITURE.

A statement issued by the Canadian Defence League yesterday concerning New Zealand inadvertently put their expenditure to the date of a recent royal commission report as \$100,000, whereas it should have read \$200,000, for which they have furnished 100,000 men from their population of one million.

DID NOT REPORT WHEN CALLED FOR

Names of Fifteen Defaulters Made Public by the Authorities.

Names of 15 more men who have been listed by the authorities as Military Service Act defaulters have been released for publication by the department of Major T. F. Grubbe, Toronto military headquarters. The lists contain the names of eight men who are listed as failing to report to the Garrison Regiment in Toronto on June 28 and seven failing to report to the Central Ontario Regiment at Niagara Camp on July 2. The lists are as follows:

Nominal roll of men who failed to report June 28 under M.S.A., 2nd Battalion, Canadian Garrison Regiment, Exhibition Camp, Toronto:

Russell James Anderson, Steamer Parpoigne, Baile St. Marie; Charles Boudreau, Jackboro; Frank Ormond Cooper, Sudbury; Zenon Deschamps, Neillville; Arthur Montgomery, McIntosh Springs; David G. McQueen, R. R. No. 1, Atherley; John George, 76 Berkeley street, Toronto; James Robert Wilson, 25 Grant street, Toronto.

Nominal roll of men who failed to report July 2 under M.S.A. to 1st Depot Battalion, 2nd C.O.R., Niagara-on-the-Lake:

Richard Donson Carmichael, 405 Spruce street, Sudbury; T. Herbert Costello Costello P.O., New Ontario; Joseph Courtemanche, Bizard Valley; Vital Elion, Fauquier; Joseph Guy, Montville; Ovide St. George, 4025 James Du Lac; Edward Trespant, 402 West Bloor street, Toronto.

SPEAKS WELL OF SURGEONS.

Capt. Len Morrison, who returned to Toronto this week, after thrilling experiences as a prisoner of war for a long period in Germany, in telling of the treatment he received at a German civilian hospital, spoke well of the attention he was accorded. The treatment resulted in the successful healing of a compound fracture of the leg. He states that some X-ray pictures he sent home were declared by Toronto surgeons to show remarkable surgical work.

ENLARGEMENT GRANTED.

Justice Mulock yesterday granted a week's enlargement in the application made by Peter White, K.C., for the enforcement of the award of \$27,500 by the City of Toronto to the Purity Springs Company.