

based on a new combustion principle. Instead of pushing the oil and compressed air or steam into the burner chamber together, the two are brought into the chamber from opposite ends, creating a head-on collision between air and oil, which completely atomizes the oil. Valuable contacts have been made by this firm with business visitors from the United Kingdom, France, Switzerland, Sweden, Mexico and the United States... A new type of street light shade, displayed by Beaconsing Optical and Precision Materials Co. Ltd., made of metal, but without a reflector. The shade is placed on a very high post, and the light cast directly down without glaring in the eyes of motorists. Many of these shades are used in France, and particularly in Paris. As a result of the interest created by these shades at the Canadian International Trade Fair, the exhibitors have received orders to install them on an experimental basis in a number of Canadian cities."

WILDLIFE OFFICER: The appointment of J.S. Tener to the position of Wildlife Management Officer in the Dominion Wildlife Service at Ottawa has been announced by the Minister of Mines and Resources, Mr. Gibson.

Mr. Tener's appointment to the Dominion Wildlife Service will shortly be followed by others of a similar nature, as wildlife scientists become available.

IRON AND STEEL: Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 262,513 net tons in March compared with 216,862 net tons in February. The March total included 10,532 tons of semi-finished shapes, 14,788 tons of structurals, 19,668 tons of plates, 27,332 tons of rails, 6,867 tons of tie plates and track material, 64,572 tons of hot rolled bars, 20,757 tons of pipes and tubes, 26,241 tons of wire rods, 26,990 tons of black sheets, 9,961 tons of galvanized sheets, 10,147 tons of castings, 4,332 tons of miscellaneous hot rolled products, and 20,326 tons of all other products. The amount of producers' interchange was 106,199 tons in March and 76,465 tons in February, according to the Bureau of Statistics.

RAILWAY FREIGHT: Revenue freight carried by Canadian railways during February declined slightly to 10,990,657 tons compared with 11,113,742 tons in January and 11,288,311 tons in February last year. Since the latter month had an extra day, however, the daily average tonnage was higher in February this year than last, amounting to 392,523 as against 389,252 tons, according to the monthly railway traffic report of the Bureau of Statistics.

Loadings at Canadian stations advanced to 8,185,958 tons in February as compared with 8,060,175 tons a year earlier, but receipts from foreign connections declined to 2,804,699 tons as against 3,228,136 tons. Imports to Canadian points dropped from 1,686,823 tons to 1,404,481 and the intratransit movement across Canada between American points declined 141,095 tons to 1,400,218 tons.

AWARD FOR ARMY BOOK: For the first time a government publication has received one of the Governor General's literary awards. Col. C.P. Stacey, Director of the Canadian Army Historical Section, has been awarded top honours in Academic Non-Fiction for his book, "The Canadian Army 1939-45".

To date the book has sold 7,239 copies. An additional 700 copies were sold to His Majesty's Stationery office in London for sale in England. A second edition is now being produced and will reach the bookshelves across the country later this month. A French edition is to appear this month as well.

Meanwhile, Col. Stacey's staff is busily preparing a new history in four official volumes. They will deal with the Sicilian-Italian Campaign, the Campaign in Northwest Europe, the Army in Canada, Britain and the Pacific, and Canadian defence policy from a tri-service point of view. Two volumes are expected to be ready for publication early in 1950.

Also in the course of preparation is a two-volume medical history covering all armed forces and civilian services. The writing for this work is under the direction of Dr. W.R. Feasby of Toronto. Preliminary narrative is being prepared by the historical section while sections dealing with other services are to be prepared and provided by those services.

One volume deals with clinical and professional aspects; the other with organization and campaigns. Dr. Feasby has made considerable progress in collecting special studies written by experts in various fields. Work on the second volume is well advanced.

DIEPPE CEREMONIES: Twenty-eight veterans representing Canadian Army units which participated in the Dieppe Raid of 1942 will take part in this year's memorial ceremonies at Dieppe on August 19, Army Headquarters announced on June 13.

The party will be flown by the RCAF from Montreal to Northolt, England, on August 14, and will then go on by train and boat to the continent. They will return to Canada on August 22.

The group will include warrant and non-commissioned officers and commissioned officers up to the rank of major and will be selected

from units which took part in the Dieppe Raid or which perpetuate participating units.

Candidates for the trip are now being nominated by the various Reserve Force units through their respective Command Headquarters. Quebec Command will send three officers and two other ranks; Central Command, four officers and 11 other ranks; Prairie Command, three officers and two other ranks; and Western Command, one officer and two other ranks.

Major-General A.E. Walford, CB, CBE, MM, ED, former adjutant-general and now a Montreal business man, will join the party in Europe and will be in command during the ceremonies on August 19.

CARLOADINGS: Railway carloadings in Canada for the week ending June 4 advanced to 73,967 cars compared with the revised total of 66,157 cars in the preceding holiday week, but were down nearly five per cent from 77,695 cars in the corresponding week last year. Loadings in the eastern division dropped to 50,665 cars compared with 54,936 cars a year earlier, and in the western division increased to 23,302 compared with 22,759 cars.

TOBACCO STOCKS: Stocks of unmanufactured tobacco at the end of March amounted to 171,201,500 pounds, sharply up from 120,842,000 pounds at the end of last December, and nearly 12 per cent above the 152,883,700 pounds held at March 31 last year, according to the quarterly report of the Bureau of Statistics.

Stocks of Canadian tobacco rose to 167,731,300 pounds at March 31 this year as compared with 149,683,200 on the same date in 1948, accounting for most of the total increase. Imported tobacco amounted to 3,470,200 against 3,200,500 pounds.

Of the stocks of Canadian tobacco, flue-cured Bright Virginia totalled 136,359,000 pounds, burley 18,397,000, cigar leaf 7,889,000, and dark air or fire-cured 2,262,000 pounds.

During the quarter, 11,183,000 pounds of unmanufactured Canadian and imported tobacco were taken for the production of cigarettes, 6,714,000 for pipe tobacco and snuff, and 1,090,500 pounds for cigars.

DEPARTMENT STORE SALES: Department store sales advanced seven per cent during the week ending June 4 over the corresponding period last year, according to preliminary figures released by the Bureau of Statistics. Largest gain of 18 per cent was shown in the Maritime Provinces, followed by British Columbia with a rise of 16 per cent, Alberta 13 per cent, Manitoba seven per cent, Saskatchewan five per cent, and Quebec and Ontario each three per cent.

ARCTIC AIR DISPLAY: Residents of Aklavik, near the Arctic coast at the mouth of the Mackenzie river, were treated to an Air Force Day display on Saturday (June 11) when three photo survey Dakotas did a fly past in formation over the settlement. The display set a "farthest north" record for Air Force Day activities before the public.

The three aircraft, from 414 Photo Survey Squadron, Rockcliffe, were returning to their temporary base at Norman Wells, NWT, after a photo flight, and their route took them over the Mackenzie delta. Deciding that the people there should see at least something to remind them it was Air Force Day, they put on the formation fly past over Aklavik, and repeated it at several other points, including Fort McPherson, Arctic Red River and Fort Good Hope.

ANTI-SUB. EXERCISES: The Minister of National Defence, Mr. Claxton, announced on June 15 that a Royal Air Force Squadron of Coastal Command is to visit Canada in mid-July, to take part in anti-submarine exercises off the East Coast. The RAF aircraft, general reconnaissance Lancasters, will work together with RCN anti-submarine vessels and RCAF aircraft in the exercises. A modern submarine on loan to the RCN from the Royal Navy will take part.

Both naval vessels and aircraft will practice anti-submarine searches and attacks, using methods developed to cope with post-war submarine improvements, including the snorkel, a device allowing submarines to remain submerged for a lengthy period of time.

Similar trials were held last November, when exercises were carried out with United States submarines. Detailed reports on the exercises compiled by Canadian and US authorities indicate that both RCAF and RCN aircraft scored numerous successes. A total of 35 air attacks was noted during the first two days of the exercises, and the American report states that "all submarines expressed high regard for the Canadian aircraft. Air Operations appeared to be of very high order".

SAULT STE. MARIE ARMOURY: The first post-war armoury to be built in Canada will go to the city of Sault Ste. Marie, Ont., for the use of its 49th Heavy Anti-Aircraft Regiment, the Minister of National Defence, Mr. Claxton, has announced. Construction is expected to start early this Fall, and will take about one year to complete at a cost of more than \$750,000,000.

The strategic importance of the area together with the inadequate accommodation at present available to the Reserve Force there, dictated the choice of Sault Ste. Marie.

The armoury will also serve as a community centre, Mr. Claxton said.