

Canada Opens Optical Plant For War Work

By HUGH NEWTON
TORONTO, Ont., (AP)—The world's finest optical glass is being produced in Toronto as Canada, for the first time in its history, has engaged in the manufacture of this product.

This month a \$6,800,000 plant of Research Enterprises, Ltd., at Leaside, a suburb of Toronto, went into production.

When asked about the comparable quality of the present German product, a plant official declared that there was no German glass of recent vintage immediately available for comparison, but that recent examination of captured Nazi military optical equipment had shown that the German product had noticeably fallen off in recent months.

The five-acre plant in which the glass is being produced as recently as last autumn was nothing more than a dream of a handful of Canadian industrialists and scientists.

For many months, before and since the start of the war, Canada's top scientists had been working together secretly. The University of Toronto's famous Canadian Research Institute, at one time headed by Lieut.-Gen. Andrew McNaughton, now commander of the Canadian Corps in Britain, was the center of this work, and when the war broke all efforts and thought were directed toward experiments which would aid the defense of Canada.

At first this work was centered upon the development of secret British devices, such as those used for submarine and aircraft defense.

Last fall, however, Britain and American plants were becoming taxed to the limit with war orders and Britain's position was precarious under heavy bombing.

The manufacture of secret devices had to be transplanted to a large extent and Canada began its third great industrial expansion since the start of the war. One of the plants planned by the government was Research Enterprises, Ltd.

The heavy industrialized suburb of Leaside was selected as the site and building was started in September, 1940. By the middle of May, 1941, there stood on that ground a modern, streamlined five-acre war factory.

According to the Canadian munitions ministry, this is the only plant in the world built expressly for production of scientific war instruments.

The raw materials go through a complicated process of manufacture to the production of as fine a lens as clear as a piece of optical glass as can be obtained anywhere.

Here, cloistered from the outer world is Britain's greatest defensive weapon—the hush-hush radio-locator. Here, day and night the country's electrical geniuses are cloistered with a \$40,000,000 order for the fog-piercing range-finder.



FROLICKING royalty, Princesses Desiree (left) and Birgitta of Sweden have summer fun at a south Sweden beach.

AT WALTERVILLE

WALTERVILLE, Aug. 6.—(Special)—Guests who have visited recently in the Ed Schwering home at Walterville are Mr. and Mrs. John Vedder, out from Minnesota to make their home in the northwest. They have been interested in property in the Mohawk valley. Messrs Schwering and Vedder are boyhood friends and have not seen each other for a number of years. They knew each other when living in Nebraska.

Mr. and Mrs. Roy Brake and family left the first of the week for Missouri where they expect to visit their daughter and family. Clifford Knox drove for them and plans to return before the opening of school next month. Mr. and Mrs. Brake and family came to Oregon in May of last year and have made their home in Walterville taking part in community and church affairs while here. This move will take one from the grade school and two from the high school.

Mr. and Mrs. Willis Glenn were hosts Sunday noon for a dinner honoring Mrs. C. A. Jensen on her birthday anniversary. Guests for the dinner included Mr. and Mrs. C. A. Jensen and Mr. and Mrs. Carl Jensen of Goshen. Mr. and Mrs. Carl Jensen have just returned from a 10-day vacation trip through Oregon and California and as far south as Tia Juana, Mexico.

Mr. and Mrs. Fred Alexander, Mr. and Mrs. Ralph Skerritt and daughter, Catherine, all of Malvern, Iowa, have arrived for a visit at the home of Mr. Alexander's brother and family, Mr. and Mrs. Frank Alexander and other relatives. They plan a visit here and in the northwest. On their way out they stopped at Yellowstone park for a day.

FROM BELLFOUNTAIN

BELLFOUNTAIN, Aug. 6.—(Special)—Mrs. Floyd Blackburn and children Fayne and Billy of Bunker Hill community and Mr. and Mrs. Lew Wallace of Monroe have returned home from a visit with relatives in Minneapolis. The ladies were called to Minneapolis by the illness of their brother, whom they reported to be improved in health.

Miss Louise Davis has returned home from a six weeks stay in San Jose, California while attending the San Jose Teachers College. Mrs. Evadna Stahl, Bellfountain primary teacher who also attended the college has gone to Los Angeles to spend a month with her son and daughter-in-law, Mr. and Mrs. Myron Stahl and family.

Mr. and Mrs. I. J. Rickard and Mrs. Rickard's father, H. T. Bristow, who has been staying with them for some time, have moved from the Rickard home in the Bunker Hill community to Mr. Bristow's home one mile north of Bellfountain.

Mr. and Mrs. Graves of Wren have moved to the W. A. Christensen house adjoining the Bellfountain store. Mr. Graves has employment at the Ross Miller logging woods at Dawson.

Cotton tire fabrics produced in U. S. cotton mills in the last 20 years have amounted, in terms of weight, to the equivalent of over six million 500-pound bales of cotton, census bureau statistics show.

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Cattle Entries In Fair

No grade cattle will be allowed to compete for Lane county fair premiums this year, Manager Fred Knox disclosed today, announcing that all cattle entered must be registered. This year's fair will be September 17 to 20.

In addition Mr. Knox said that only first prize animals would be eligible to compete for championship awards, and furthermore that only these champions could compete for the grand championship award.

Animals shown must be from herds accredited as free from abortion or certificates signifying the passing of a negative reaction to blood tests within 60 days prior to the date of the show must be

produced. Officially recognized tests will only be those approved by the state department of agriculture.

This certificate must be shown before the cattle can enter the fairgrounds, Manager Knox declared. Base dates for all breeds is Jan. 1 and July 1.

Test Required
All animals over one year must also be tuberculin tested the year in which shown, and a certificate of health filed with the secretary. No animal may compete in more than one class or division except as one of a herd or group, or cows for milk or championship, even if it conforms to all health specifications, Mr. Knox said.

There are ten classes for entry, including: Shorthorn, Hereford, Aberdeen-Angus, Milking Shorthorns, Red Polled, Holsteins, Guernseys, Jerseys, Ayrshires, and Brown Swiss.

First, second and third premiums will be awarded in the

following lot numbers:
Bull, three years or over; bull, two years and under three; bull, senior yearling; bull, junior yearling; bull, four months and under one year; senior champion bull; junior champion bull, grand champion bull.

Other lot numbers list cows, three years or over; cows, two years and under three; heifers, senior, not in milk; heifer, junior yearling, not in milk; heifer, senior calf; heifer, junior calf; senior champion female; junior champion female; grand champion female.

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yearling or over, cow three years old or over heifer, two years and under three; heifer one year old and under two; heifer under one year old; produce or dam, two animals, either sex, any age, out of one cow, not necessarily owned by exhibitor.

DRAIN NOTES

DRAIN, Aug. 6.—(Special)—Mrs. Madge Johnson of Puyallup, Wash., has arrived to visit her father, J. W. Beasley. Mrs. Johnson and Mr. and Mrs. Beasley have left for Crater Lake to spend a few days.

Mr. and Mrs. Glen Speck of Portland have come for a visit with her sister, Mrs. D. C. Davis

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and family, and brother, Moore and wife.
Mr. and Mrs. Melvin Dren and family have moved to Mrs. Dennis Lovelace's home where Mr. Lovelace is employed. Mrs. Lovelace's daughter, Sallie Farley, and family move into the Lovelace home.

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IF RENT IS \$40 Your LOSS is \$1.34 PER DAY	IF RENT IS \$50 Your LOSS is \$1.66 PER DAY	IF RENT IS \$60 Your LOSS is \$2.00 PER DAY	IF RENT IS \$70 Your LOSS is \$2.33 PER DAY	IF RENT IS \$80 Your LOSS is \$2.67 PER DAY

By making it possible for readers to locate vacancies quickly, Register-Guard want ads eliminate much of this loss.

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NORKENZIE NOTES

NORKENZIE, Aug. 6.—(Special)—Miss Catherine Leavenworth of The Dalles is house guest of Mrs. Hobart Stout.

Mrs. Hugh McCormick and daughter, Harriett, are visiting with Mrs. McCormick's mother, Mrs. John Walls.

Clarence Rutherford is visiting at the home of his parents for a few days. He is U. S. forest guard located at Hardisty lookout.

The Norkenzie Home Arts club will meet this coming Thursday afternoon with Mrs. John S. Walls. They will work on Red Cross sewing.

Clergymen outnumber physicians 22 to 1 in American Samoa, according to the census bureau. There are 89 clergymen and 4 physicians. In addition to the 89 clergymen, 12 persons gave their occupation as "religious workers."

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