

# Aussie Brains Yield Many Inventions

By MURLIN SPENCER

SOMEWHERE IN AUSTRALIA—New and sometimes strange proposals for winning the war are coming from the minds of Australia's embryo Edisons as a result of Japan's march to the commonwealth's very doorstep.

One Australian has proposed that colossal weights be lifted by means of magnets, towed to Germany and dropped on Berlin—and Hitler.

Another suggested a sort of "kite barrage," with hundreds of kites floating in the air over a given area. If an enemy plane struck the kite and severed the string, the contact would discharge a rocket to rise up and blast the plane.

Each new threat to Australia or the appearance of Japanese submarines offshore has been followed by the submission of an increased number of inventions. The Australian army inventions directorate is encouraging them.

The directorate, created to investigate and encourage inventions which might aid the war effort, told newsmen that it hopes in every mail there will be a revolutionary idea which might be a factor in winning the war.

Thus far in the war no country has produced a revolutionary war machine, such as the tank, the airplane or machine gun. The tank has been put to increased use and the airplane is playing a new role in the conflict, but they are products of other times.

The flow of inventions, which now average about 150 a week, comes from persons in every kind of business, from refugees who have just reached the commonwealth and even from children. An 11-year old boy sent in elaborate plans for tank modifications.

Successful inventions are military secrets and are not disclosed. But the directorate revealed that it has one invention for an entirely novel method of ship propulsion. A Polish engineer submitted highly promising inventions and a Hungarian refugee suggested aircraft textile improvements which may be of great value.

Besides its search for the improvement of equipment, the directorate is investigating the manufacture of substitute materials to help Australia meet its war shortages. The poinsettia, which grows in profusion, is being examined as a possible substitute for rubber.

The appearance of Japanese submarines in Sydney harbor was followed by a flood of inventions for detection devices, some of them worthy of close investigation. One man appeared who claimed to be a human detector, able to locate submarines from the shore with no more equipment than a diving rod.

He would wave the rod and point seaward with the assertion, "There is a submarine to the northeast about 40 miles."

The directorate investigated the human detector and concluded that while it was unable to prove him right, it also was unable to prove him wrong.

## Large Collection Of Bronze, Brass Given From Bank

An assortment of bronze and brass wickets, door casings and window screens estimated to weigh in excess of 1500 pounds was contributed to Salem's scrap metal salvage campaign Thursday by the Ladd & Bush-Salem branch of the United States National bank of Portland.

The metal, part of the original window wickets of Ladd & Bush bank when the institution was opened for business 73 years ago, and part the accumulations of the years as alterations in the building took place, was collected from basement storage corners by employees of the bank.

Bronze and brass are among the most important metals from a war salvage standpoint. A. C. Haag of the Salem salvage committee, said.

The bank's scrap will go into the pool being collected by the salvage committee to sell for the benefit of Salem's United War Chest.

## Noted Mason Dies

PORTLAND, Aug. 13.—(P)—Funeral services will be held here Friday for Nicolai Paulsen, for 12 years field secretary for the Masonic board of relief. He died Tuesday.

## CAN'T KEEP GRANDMA IN HER CHAIR

She's as lively as a youngster—Now her backache is better—Many suffer relief from backache quickly, once they discover that the real cause of their trouble may be tired kidneys. The kidneys are Nature's chief way of taking the excess acids and waste out of the blood. They help most people pass about 3 pints a day.

When disorder of kidney function permits poisonous matter to remain in your blood, it may cause nagging backache, rheumatic pains, leg pains, loss of pep and energy, getting up nights, swelling of ankles, under the eyes, headache and dizziness. Frequent or scanty passages with smarting and burning sometimes shows there is something wrong with your kidneys or bladder.

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Here is the fishing boat which foundered after striking a submerged rock in Saginaw bay, resulting in the drowning of 12 of 13 persons aboard. The only survivor was Mrs. Dorothy Reple, 25-year-old Bay City, Mich., mother, who swam seven miles to land through sheer determination to reach her baby who was safe ashore. The boat was beached at Point Au Gres. (I.L.M. Photograph)

## Spruce Leader Returns as Fuel Director

PORTLAND, Aug. 13.—(P)—His assignment as fuel coordinator for Washington and Oregon brings Gen. Bruce P. Disque to the northwest for the second time to iron out a wartime problem.

In 1917, as a colonel, he was ordered to develop spruce production to the point where 100,000 warplanes a year could be built. That called for something like 50,000,000 board feet of lumber a month. By the end of the war there was a civilian and military army of more than 150,000 men at work, railroads and sawmills had been built, and timber camps dotted the Oregon and Washington woods. New mills and railroads were under construction.

At the end of the war, this army was producing nearly half of the goal set by Disque, who had become a brigadier general. He also founded the famed "4-L" Loyal Legion of Loggers and

Lumbermen, a labor organization built to offset the activities of the International Wood Workers of the World "Wobblies."

The 4-L organization existed until recent years when it was declared to be company-dominated and thus in conflict with federal law.

## Community Series Ended Wednesday

The series of neighborhood leader training meetings on the control of inflation was concluded in Marion county Wednesday of this week when Robert E. Rieder, county agricultural agent, and Miss Frances Clinton, home demonstration agent, conducted a meeting at Salem Heights, and Wayne D. Harding, 4H club agent, with W. G. Nibler, assistant agricultural agent, conducted the meeting at the Pringle school.

For the past four weeks meetings have been held in 47 communities in the county with 94 community leaders and 800 neighborhood leaders taking part.

This program which is nationwide in Oregon is sponsored by the extension service of the Ore-

## First Aid Cards Held for Owners At Red Cross

A number of individuals who have certified themselves in first aid have failed to secure their certification cards which are now being held at the Red Cross office. These cards are important to have, not only for certification in case of giving assistance at the time of an accident, but also for employment purposes, and the owners should call for the cards at their earliest convenience, according to Mrs. W. Gordon Black, chairman of first aid.

Instructors' cards are being held for: Eileen Westphal, Earl La Fond, Phoebe Busick, Marie Jackson, Marjorie Edlund, Peggy Alfred, Blanche Isherwood, Mrs. Grace Webber, Mrs. Wayne F. Taylor.

Miscellaneous certifications are being held for: Constance Low, Wandaline Engle, Charles Valencourt, Marjorie Lundahl, Jerome State college at the request of Secretary of Agriculture Claude R. Wickard.

ry Williams, Doris Webb, Louis Hough, Dorothy Howard, Robert Heilman, Betty Feller, Ruby Burnham, Mrs. H. A. Blakie, Don Kinser, Harold Paradue, Edna Selberg, Mr. and Mrs. Fred L. Rose, June Shields, Arthur Shilo, Vivian Roth, Ruth Weum.

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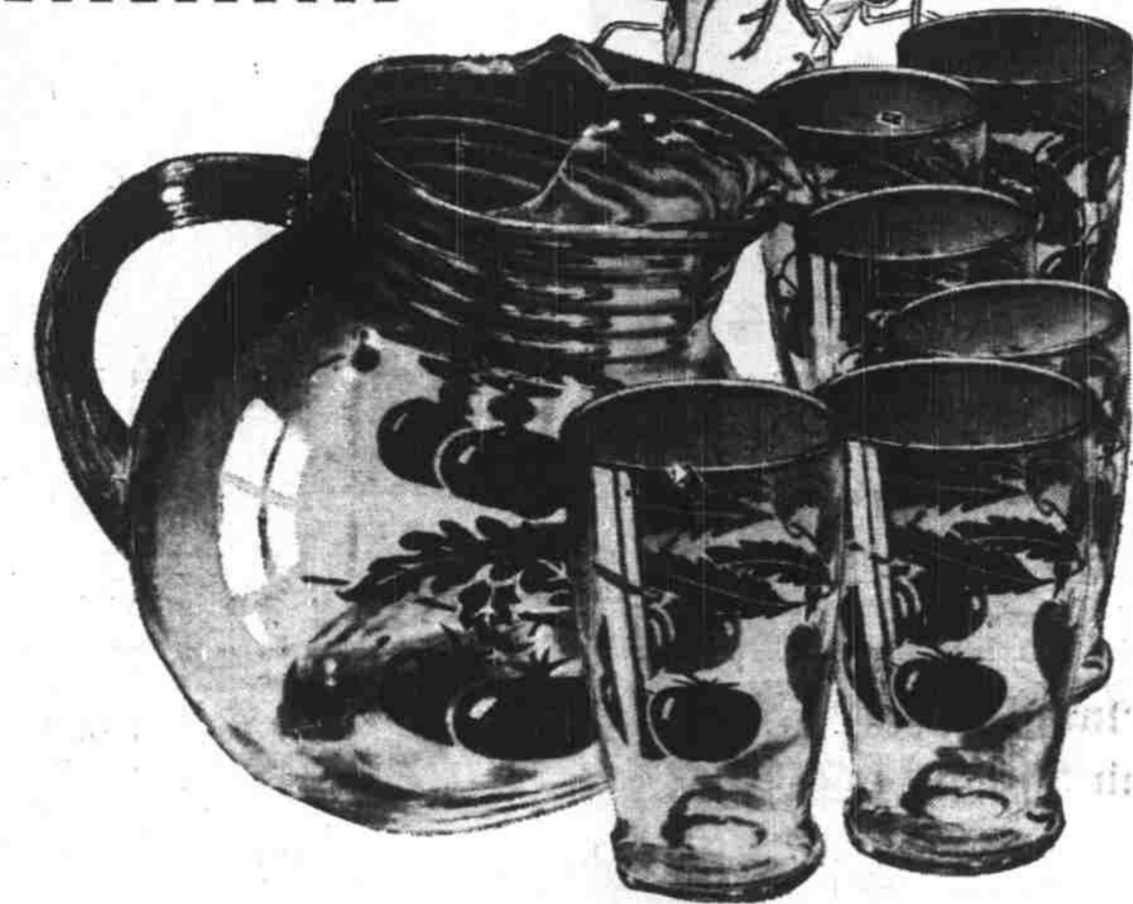
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## Pyrex 2 Qt. Flameware Sauce Pan, \$2.25

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## Heat Resisting Glass Dunbar 8-Cup Vacuum Coffee Maker \$1.29

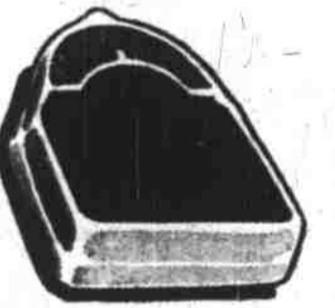
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