

U-BOAT TRAPS MADE BY PORTLAND MAN

H. G. Rich Withholds Details of Electrical Mine Device to Destroy Divers.

PLANS ARE AT WASHINGTON

Inventor Declares That Contrivance May Be Laid in Any Sort of Harbor as Means of Protection Against Attack.

Oregon's bit in fighting the U-boat menace may be to supply plans for a submarine trap and mine device which will provide important elements in combating the menace and giving protection for our harbors.

It is possible that the invention submitted by H. G. Rich, of Portland, may be one of the several devices referred to by William L. Saunders, chairman of the Naval Consulting Board, when he announced a few days ago that an adequate provision against the submarine menace appeared probable.

Mr. Rich, who came from Coos Bay recently to Portland to place before the bureau of industries and manufactures of the Chamber of Commerce the plans for the small mine which will be donated by him as one of the devices which will help in conserving the supply of stock and chicken food and keeping milk and egg production at a maximum on the small farms, is the inventor whose device is offered to the Government.

U-Boat Trap Invented. Mr. Rich has already placed his device and plans for its manufacture before the Government. He was not able, of course, at this time to give specific information as to what it may consist of to the bureau in the Chamber, but the work that his submarine trap and mine will do, according to his general outline, will be to guard and protect all channels, coves and inlets on the coast and prevent hostile U-boats from entering at any point.

Mr. Rich is in touch with the Washington authorities through the activity of Senator George E. Chamberlain. Before sending complete plans and specifications of construction Mr. Rich desired to ascertain through the industries and manufacturing bureau of the Portland Chamber of Commerce the manufacturing facilities of Portland with a view of obtaining a Government order here of at least a number of the parts that go to make up the trap and mine.

Shipbuilding facilities are not available owing to the machinery being too large for light manufacture. Facilities for light work, such as automobile manufacture and foundry facilities for light castings, will, however, fill the requirements in the construction of the parts of the trap and mine device.

Details Are Withheld. The vital factor in a device of this character is keeping the construction a secret, consequently no detailed information as to the type and construction is available.

In general, the trap and mine is of a flexible type and will fit into any channel or inlet, according to Mr. Rich, regardless of the depth and weather conditions, and will be absolutely guarded from submarine operation; also, it will save a large corps of patrols as a single patrol can serve a large area.

An electrical cable, connected to the trap area and laid to a central point on shore or an anchored patrol, gives instant alarm when any section of the trap or mine springs into operation, thus enabling a patrol outfit to be on the spot and take care of the hostile craft caught by the mine.

Operation Is Electrical. The mine is electrically operated and, when a submarine comes in any contact with the trap, it closes an electric circuit that causes the discharge of high explosives to be discharged on the submarine, which, unconscious of any danger, comes in contact with the set trap without any indication of meeting an obstruction, and the results that follow prevent any knowledge of what caused the loss of the submarine.

This factor may be a great advantage to this country or the allies that have the trap or mine in charge, as the installations will be kept secret and the mystery will be guarded as to what became of submarines that never returned.

Mr. Rich proposes to turn all plans and specifications over to the government free of charge, as, being beyond the age limit for personal service in the ranks, he feels like doing his bit along the line of his profession.

RED CROSS CLASS IS SET

Mrs. S. T. Hamilton Will Give Instruction in Knitting Tomorrow.

All details are completed and materials on hand and tomorrow morning from 9:30 to 12 Mrs. S. T. Hamilton will be at the military relief workshop of the Portland chapter, American Red Cross, eighth floor of Lipman, Wolfe & Company, to give instruction in knitting.

The really big Red Cross event of today is the lecture to be given at the Broadway Theater at 8:15 by Dr. Ralph C. Matson on "Impressions of the European War."

REDUCING SUGAR IN DIABETES

To demonstrate to Life Ins. Cos. and Physicians that sugar waxes and symptoms can be checked in many cases of Diabetes and lives prolonged, we will donate the treatment for a limited number, age 45 and over, showing 5 per cent of sugar or more anticipating it will in most cases, reduction of 50 per cent in 30 days, urinalysis, and still living, a competent analytical chemist and mailed every 15 days. All names withheld. Fulton's Diabetic Compound (Fulton's Compound No. 2) is the agent.

PORTLAND GIRL WHO HAS BEEN WON AS BRIDE BY YOUNG NEW YORKER, WHOSE SUDDEN RISE IN BUSINESS IS MODERN MERCANTILE EPIC.



C. L. ALLEN TO WED

Miss Katherine Warner Will Become Bride in June.

CEREMONY TO BE IN EAST

Fiance's Meteoric Rise to Presidency of Pyrene Manufacturing Company Makes Sensation in World of Salesmanship.

Miss Katherine Warner, daughter of Mrs. D. D. Warner, 724 Hancock street, in Irvington, will leave this week for New York city to become the bride in June of C. Louis Allen, president of the Pyrene Manufacturing Company, whose meteoric rise in business the last two years has been a sensation in the business world and especially of the world of expert salesmanship.

Miss Warner's engagement was announced quietly a few days ago by relatives of Portland, and the announcement explained in a measure the trip of Allen to the Pacific Coast early in January, when he spoke before the Portland Ad Club.

Mr. Allen's rise from salesman to president of his company in less than two years made him one of the most talked-of young men in business of the day, and several magazines and newspapers devoted generous space to an account of the modest young man's rise. He is only 33 years old.

Miss Warner O. A. C. Graduate. Miss Warner is a graduate of Portland Academy and of the 1915 class of the Oregon Agricultural College, and the romance which takes her on a pre-bridal tour to New York City this week was begun about two years ago, when she was visiting with relatives in New York and casually met Mr. Allen.

Mr. Allen continued to press his suit notwithstanding his sudden rise to international business notice and the betrothal resulted from his recent tour to the Coast. Miss Warner, who is a domestic science expert, has been attached to the Portland public schools since 1914 and until she had known her plans for leaving that the engagement was announced.

Mr. Allen is a resident of Aberdeen, E. D. In less than another year his board of directors recognized his ability and rewarded it with making him president of the concern a year ago last February. As the "most successful salesman" of the year, he was featured by business writers and business experts so persistently that his success became international by word among ambitious salesmen. The engagement to Miss Warner, a Portland girl, capped the year of notice that had been accorded to him and the wedding is set for late in June in New York City.

Miss Warner was reared in Portland and has a host of friends. She was educated in the public schools before attending Portland Academy and the Agricultural College. Mrs. Warner will attend her daughter at the wedding, and there will be a number of other relatives at the ceremony. Mrs. Lewis F. Doherty, of Portland, is an aunt of the bridegroom-elect.

RUNAWAY TEAM KILLED

Milk Driver Slightly Injured by Crashing Into Car.

Joe Leu, milkwagon driver, was slightly injured, one of his horses was killed and the other so badly injured that it had to be shot, when his team crashed into a Mount Scott car at East Fifty-fifth and Division streets.

Leu told police officers that the brakeman on the wagon refused to work, and that the team becoming frightened ran away. The horses raced down Division street and crashed into the rear car of a Mount Scott train.

Leu was taken to the emergency hospital in the police automobile and his injury, a cut on the forehead, was dressed by Dr. Rose. Leu is employed

LUMBER SHIPS LOAD

Two Cargoes for San Pedro More Than 1,500,000 Feet.

WAPAMA WILL SAIL TODAY

Declaration of War Increases Difficulty of Securing Vessels for Lumber Carrying, but Several Are on Way North.

More than 1,500,000 feet of lumber will be taken out of the Columbia River for San Pedro aboard two steamers, which were shifted down the river yesterday for loading.

The vessels are the steamer Shasta and the steamer Daisy Freeman, both of which got into the river last Thursday. The Shasta, which is in the service of Dant & Russell, was shifted from the Inman-Poulsen mill down the river to Kalama yesterday, where she will complete a cargo of 300,000 feet. The Daisy Freeman, of the Freeman Steamship Company, completed discharging general cargo here and was taken down the river to Westport. She will take out about 800,000 feet of lumber.

The steamer Wapama, which is due to leave St. Helens for California ports today, will take out 1,000,000 feet of Oregon fir in addition to passengers.

There are several other vessels now loading lumber at Portland and Columbia River mills. These vessels in the aggregate will take out several million feet of lumber, a result due to the general activity in lumber shipments.

Although a somewhat increased difficulty in securing vessels for lumber carrying on the Coast has been experienced as a result of the declaration of war by the United States, there are nevertheless a good list of vessels due to handle lumber cargoes here in the near future.

The steamer Necanicum and Tiverton will be here shortly from San Pedro and will load lumber for the California trade. The two vessels together can handle well over 1,000,000 feet of lumber. The Necanicum is in the service of the Hammond Lumber Company and the Tiverton is operating for the Beaver Lumber Company.

WHEAT MOVED TO RAILROADS

Million Bushels Remaining in Snake River Warehouses. LEWISTON, Idaho, May 6.—(Special.)—Steamer Inland Empire, of The Dalles-Celilo Transportation Company, departed from Portland May 4 and will arrive at Lewiston May 7 or 8, at which time it will be placed in the service of the O.-W. R. & N. Company to work in connection with steamers Spokane and Lewiston in the movement of grain now in Snake River warehouses.

There are remaining in the river warehouses more 1,000,000 bushels of grain to be handled by the boats, said E. R. Budd, superintendent of water lines, and the boats are now moving about 12,000 bushels daily. Wages for deckhands, formerly \$35 a month with board and room, have advanced to \$60 a month.

SHIP PLANT SITE INSPECTED

Portland Lawyers Visit Tacoma Properties, but Tell No Plans. TACOMA, Wash., May 6.—(Special.)—Clarence M. Eubanks and F. L. Phipps, Portland lawyers, headed a party of Portland men who spent Friday and a part of yesterday in Tacoma, looking over a site on which to locate a yard for the building of wooden ships. They were impressed with a strip of ground offered to them on the tidelands by John L. Roberts, president of the Puget Sound Iron & Steel Works.

Mr. Eubanks or his associates would probably be interested in the property, but they met them would not say that the visitors had made a decision regarding the purchase of the tideland site.

MARINE INTELLIGENCE.

Steamer Schedule.

DUE TO ARRIVE. Name, From, Date. Breakwater... San Francisco... May 9. Northern Pacific... San Francisco... May 9. Rose City... Los Angeles... May 13. Rose City... Los Angeles... May 15.

DUE TO DEPART.

Name, For, Date. Wapama... San Diego... May 7. Beavertail... San Francisco... May 9. Beavertail... Los Angeles... May 11. Klamath... San Diego... May 15. Rose City... San Francisco... May 17.

Pacific Coast Shipping Notes.

ASTORIA, Or., May 6.—(Special.)—The steamer F. A. Kiburn sailed today for San Francisco, via Coos Bay and Eureka, carrying freight and passengers from Portland and Astoria.

ABERDEEN, Wash., May 6.—(Special.)—The steamer Helena arrived from San Francisco and is loading at the Hulbert Mill.

PORTLAND, May 6.—Sailed—Steamers W. F. Herrin, for San Francisco; Shasta, for San Pedro via Kalama; Daisy Freeman, for San Pedro via Westport.

ASTORIA, May 6.—Sailed at midnight—Steamer Rose City, for San Francisco and San Pedro; at 7 A. M.—Steamer Klamath, for San Diego, via Coos Bay and Eureka.

SAN FRANCISCO, May 6.—Arrived at 1 P. M.—Steamer J. J. Hunsaker, from Portland; at 3 P. M.—Steamer Northern Pacific, from Eureka.

EUREKA, May 6.—Arrived at 10 A. M. and sailed at 1 P. M.—Steamer Breakwater, from San Francisco for Coos Bay and Portland.

SAN PEDRO, May 5.—Sailed—Steamer Beaver, for Portland via San Francisco; Arrived—Steamer F. M. Duck, from Portland.

MARSHFIELD, Or., May 6.—(Special.)—The steam schooner Bandon arrived from Bandon at 8 o'clock this morning.

Tides at Astoria Monday.

0:22 A. M. ... 9:2 feet; 7:51 A. M. ... 9:8 feet; 1:28 P. M. ... 7:1 feet; 7:12 P. M. ... 9:2 feet.

Cathlamet Man's Brother Killed.

CATHLAMET, Wash., May 6.—(Special.)—William Stuart, County Court Commissioner, last week received word that his brother, Henry Stuart, a volunteer in the Fifteenth Canadian Battalion, had been killed on April 19. Although an American, Mr. Stuart had been fighting with the Allies for several months.



NOW YOU CAN BUY SNOW FLAKE SODAS BY THE BOX

Everybody is anxious at this time to buy in the most economical way—in a way that really saves and does not waste. When you buy SNOW FLAKES in this big wooden box you get BIG VALUE for your money, and SNOW FLAKES are good till the last one is gone.

THIS BIG WOODEN BOX OF DAINTY SNOW FLAKES can be bought from all grocers for \$1.15. Ask your grocer to show you this box—you will be surprised at its size and the quantity of crackers it contains. Have a box sent home TODAY.

Your grocer will recommend your buying SNOW FLAKES in our new ECONOMY BOX because he knows that you will be pleased with the saving you make and the excellent quality of the crackers.

SNOW FLAKES always have been popular, and they will be more popular still now that they are sold in this big wooden box as well as in the familiar red packages.

PACIFIC COAST BISCUIT CO. Portland, Oregon

Don't ask for Crackers



DANGERS AT HIP CLEVER

FINE WORK ON ROLLER SKATES IS NOVEL EVENT ON BILL.

Singing Violinist Has Unusual Array of Instruments—Acrobatic Act Is of Rapid-Fire Kind.

Bert and Hazel Skatells maybe aren't headlined as the most particular and illuminating star act in the vaudeville act that the Hippodrome in the new bill that opened yesterday, but they have an act that is about the most startling thing of its kind that the average vaudeville fan ever had the privilege of watching.

They are on roller skates and anyone who has gone through the tyro stage in learning to handle rollers knows that a person who can dance on them is pretty clever. But then we have all seen the experts who figured out gliding, swooping, circling waltzes—and thought they were pretty clever, which they may have been. The Skatelle duo goes everybody one better.

Ward, Bell and Ward have an acrobatic stunt that is tremendously speedy and full of comedy stunts, interspersed with clever dancing.

Henry Kubick, singing violinist, has several startling freak instruments, among which is a banjo that looks like a cross between a banjo and a sither, and with which he is able to make an excellent imitation of a Hawaiian steel guitar.

"Uninvited" is a bright society sketch, featuring Cathryn Chaloner and company, is an engaging story of a clever girl, who outwitted a sharper, Anita Arliss, former musical comedy star, has a delightful revue of songs, past and present. She is assisted by Arthur Alton.

"A Duo in Contrast" are La Vere and Palmer, with a singing and talking sketch that is entirely worth while. Another episode in "The Great Secret" featured the public that until after the war the Northern Pacific will quit serving "great big" in the interest of food economy. He points out that these potatoes are so "great" and so "big" that it is a physical impossibility for any one individual to eat a whole potato, with the result that a large portion of each one is wasted.

"Upon the resumption of normal conditions we shall be glad to restore the

H. B. JAMISON'S LEG BROKEN

Jefferson High Athletic Coach Suffers Injury in Ball Game.

Homer B. Jamison, member of the teaching staff of Jefferson High School, ex-University of Oregon athlete and now coach of the Jefferson athletic team, sustained a fracture of both

headlines in his left leg at the ankle Saturday while playing a game of baseball with the Multnomah Amateur Athletic Club team against Mount Angel at Mount Angel, Or.

Mr. Jamison was sliding into second base when he turned his ankle and it snapped. The joint was thrown out badly and the break of both bones also stored, and last week ago.

He was brought by automobile to Portland and taken to the Sellwood General Hospital, where his leg was set.

More than 67,000 marriage licenses were issued in New York City during the last year.

Bootlegger Sent to Penitentiary. LEWISTON, Idaho, May 6.—(Special.)—Harry Floyd, charged with violation of the prohibition law, was found guilty by a jury in the District Court and will be sentenced to the State Penitentiary. Marguerite Floyd, his wife, was arrested upon the same charge, pleaded guilty three weeks ago.

Body to Go to Wasco

Burial of Late W. M. Barnett Will Be Held at Old Home.

The body of W. M. Barnett, one of the early residents of Wasco, who died at the Good Samaritan Hospital Saturday following an operation, will be sent to Wasco today for burial.

Mr. Barnett was 61 years of age. He had lived in Eastern Oregon most of his life, settling there first as a farmer. Later he went into the milling business, then established a general merchandise store, and last went into the banking business, in which he was actively engaged at the time of his death.

Mr. Barnett is survived by a widow and eight children. One of the daughters is married and lives in this city. The body is at the Finley Undertaking Establishment.

RAILWAY OFFERS LAND USE

Southern Pacific to Permit Farming of 100,000 Acres.

More than 100,000 acres of productive land in Oregon, Washington, Idaho, Montana, North Dakota and Minnesota belonging to the Northern Pacific Railroad will be farmed this year, as a result of an offer recently made by J. M. Hannaford, president of the road, to its employees.

Under terms of Mr. Hannaford's offer all employees will be permitted to raise foodstuffs on any of the company's idle land, without cost, during the present crop season.

Some of the Northern Pacific right of way, which ordinarily is kept green and attractive like a park, will be plowed up and planted to potatoes and other kinds of vegetables.

After the employees have had a chance at the land, all that remains unused

AGED WOMAN

Run Down and Feeble—Made Strong by Vinol.

So many people in Portland and vicinity are in Mrs. Wickersham's condition we ask you to call at our store and get a bottle of Vinol, and if it fails to benefit we will return your money.

In her eighty-second year Mrs. John Wickersham, of Russellville, Pa., says: "I was in a run-down, feeble condition and had lost flesh. A neighbor asked me to try Vinol, and after taking two bottles my strength returned; I am gaining in flesh, it has built up my health and I am feeling fine for a woman of my age, so I get around and do my housework."

The reason Vinol was so successful in Mrs. Wickersham's case was because it contains beef and cod liver peptones, iron and manganese peptonates and glycerophosphates, the very elements needed to build up a weakened, run-down system and create strength.

Right here in Portland we have seen such excellent results from Vinol that it is a pleasure to know it is doing so much good for old people in other parts of the country. The Owl Drug Co., Portland, also at the leading drug store in all Oregon towns.

Venus 10c Pencil

Venus is bought by all who want the best. 17 perfect black degrees, and 2 copyings for every possible purpose.

Blue Band VELVET The Supreme 5c Pencil.

American Lead Pencil Co., N. Y.

"BIG BAKED POTATO" GOES

Waste Causes New Order Regarding Service on Dining Cars.

Hazen J. Titus, the irrepressible dining-car superintendent of the Northern Pacific and the man who made the "big baked potato" famous, has pulled another rare piece of advertising—and incidentally contributed substantially to the food conservation campaign.

In a circular issued yesterday Mr. Titus advised the public that until after the war the Northern Pacific will quit serving "great big" in the interest of food economy. He points out that these potatoes are so "great" and so "big" that it is a physical impossibility for any one individual to eat a whole potato, with the result that a large portion of each one is wasted.

Upon the resumption of normal conditions we shall be glad to restore the