

# ENGINEERS TO SURVEY INDUSTRY

U. S. Naval Consulting Board Names Directors For Work.

## FIVE OREGON MEN SELECTED

George Cotner Mason, Bert C. Ball and O. B. Caldwell of Portland, Arthur M. Swartley of Corvallis and O. F. Stafford of Eugene Chosen to Tabulate Industrial Preparedness.

Howard E. Coffin, chairman of the Committee on Industrial Preparedness of the Naval Consulting Board of the United States, today announced the names of the 250 state directors, form-



HOWARD E. COFFIN, Chairman Committee on Industrial Preparedness.

ed into boards of five men each, who, under the committee's direction, are setting out to make a complete survey of American industry for the first time in the history of the United States government.

These state directors will be under the immediate guidance of W. S. Gifford, chief statistician of the American Telephone and Telegraph company, who is acting as supervising director of the work. Under them will work



W. S. GIFFORD, Supervising Director Committee on Industrial Preparedness.

more than 30,000 highly educated members of the American Society of Civil Engineers, the American Institute of Mining Engineers, the American Society of Mechanical Engineers, the American Institute of Electrical Engineers and the American Chemical society.

The state directors, who also become associate members of the naval consulting board, have just received appointment by the secretary of the navy. In making public their names Mr. Coffin said:

"The names and standing of these men speak for themselves. They have been selected by their own professional associates with the only standard that of efficiency and integrity. They work without pay; indeed, the services of many of them could not be bought. In my judgment they form a vast, flexible organization, the like of which has never been known in this or any other country of the world, and an organization, moreover, which from top to bottom is absolutely nonpolitical."

The directors from this state are as follows.

George Cotner Mason of Portland, from the American Society of Civil Engineers, is vice president of the Hurley-Mason company, contracting engineers; was born 1871 in New York city and educated at New York university, holds three degrees and is a member of the Portland chamber of commerce. Mr. Mason is past president of the Portland Association of the American Society of Civil Engineers and of the Employers' Association of Oregon, was for twelve years a member of the engineering faculty of New York univer-

sity and belonged to the committee which drafted the building code for the city of Portland.

Arthur M. Swartley of Corvallis, from the American Institute of Mining Engineers, is mining engineer of the Oregon bureau of mines and geology, was born 1873 in Iowa and educated at the universities of Idaho and of Upper



ARTHUR M. SWARTLEY.

Iowa, holding two degrees; is a member of the American Mining congress, was in the Spanish-American war, has been consulting engineer for mining companies in western states and is the author of reports on ore deposits.

Bert C. Ball of Portland, from the American society of Mechanical Engineers, is president and manager of the Willamette Iron and Steel works and the Oregon Drydock company, was born 1870 in the state of New York and educated at the Stevens Institute of Technology, is a member of the Society of Naval Architects and Marine Engineers, the Portland chamber of commerce and the National Association of Manufacturers and was passed assistant engineer, United States navy, during the Spanish-American war.

O. B. Caldwell of Portland, from the American Institute of Electrical Engineers, is general superintendent of the Portland Railway, Light and Power company; was born, 1875, in Oregon and educated at Stanford and Cornell universities, is a member of the Portland chamber of commerce and has had responsible charge of designing and building hydraulic and steam stations and transmission lines in and about Portland for the past fifteen years.

O. F. Stafford of Eugene, from the American Chemical society, is professor of chemistry and director of the chemical laboratories at the University of Oregon, was born, 1873, in Ohio and educated at the universities of Kansas and Berlin, holds two degrees, is



O. F. STAFFORD.

a member of the American Association For the Advancement of Science and has done a great deal of scientific research work, particularly as consulting

# NEW COMPANY TAKES UP LEASE

JASON MOORE IS NOT CONNECTED

Corporation Formed to Meet With State's Terms in Respect to Summer and Abert Lakes—Sheppard Says Construction will Begin.

(Oregon Journal.)

A local company to take over the Jason C. Moore lease of the saline and other mineral rights in Summer and Abert lakes in Lake county, was organized in the office of C. A. Sheppard this afternoon.

C. A. Sheppard was chosen president, George A. Lovejoy vice president and Frank E. Smith secretary. These officers, with two names to be chosen by eastern men interested in the company, will comprise the board of directors.

Articles of incorporation for \$300,000 have been filed at Salem. The objects of the company are the separating and refining of the potassium and sodium salts found in the lake waters and in the manufacture of nitrates and explosives. Of the stock named \$200,000 is to be common and \$100,000 preferred. It is stated by Mr. Sheppard that the company is entirely financed and that none of the stock will be offered for sale.

The lease granted to Jason C. Moore by the legislature has been assigned to the new organization. Under the agreement with the state Mr. Moore has an evidence of good faith, has already put up a deposit of \$10,000 in securities and the new company will add the \$15,000 additional required by the state board, by the end of the week.

According to Mr. Sheppard, immediate construction will begin on a plant with a capacity of 200 tons of sodium and 11 tons of potassium every 30 days.

The company, in succeeding Mr. Moore's agreement with the state, is required to pay \$25,000 to the state and a royalty of 50 cents a ton on all potassium salts extracted and 10 cents a ton on sodium salts.

According to Mr. Sheppard Mr. Moore is not to be connected with the new company.

### OREGON ELECTION DATES.

- Primaries ..... May 19
- Contest of Nominations; last day for filing ..... May 24
- Statement of expenditures by candidates; last day for filing June 3
- Initiative petitions; last day for filing ..... July 6
- Arguments on initiative and referendum; for, last day for filing ..... July 15
- Against, last day for filing July 25
- Nomination certificates; last day for filing: For state offices ..... Sept. 27
- For county offices ..... Oct. 12
- Nominations by convention or assembly; last day for filing Sept 12
- Arguments for or against candidates; last day for filing .Sept. 28
- \*Registration books open Sept. 8, and close ..... Oct. 7
- General election ..... Nov. 7
- Statement of expenditures; last day for filing ..... Nov. 23

\*Applies only to electors who may complete citizenship or become of age after April 13.

chemist in electro-chemical problems in connection with the proposed 500,000 horsepower hydro-electric development at The Dalles.

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R. J. REYNOLDS TOBACCO CO., Winston-Salem, N. C.

# STRAHORN IS VISITING ALL INTERIOR TOWNS ON TRIP

Toured Southern Harney and Eastern Lake Counties for Two Days—Met Paisley People Last Week.

(Chewaucan Press.)

Robert E. Strahorn, president of the Oregon, California & Eastern railway, the lines of which will pass through Paisley, arrived in our city last night.

He entered Central Oregon at Bend in company with Chief Engineer Bogue, last Saturday and came south as far as Silver Lake. From there they turned east and the past two days have been spent in a tour through southern Harney county and eastern Lake.

On this trip he is making final arrangements for right of way and terminal grounds and getting all differences which might occur upon the questions involved satisfactorily settled.

Mr. Strahorn desires to meet the citizens of Paisley and vicinity this afternoon so that these matters may be discussed with them. It is especially desirable that all members be the Commercial Club be present at

this time. The meeting will be held at one o'clock in the Pastime theater. All who are interested should not fail to meet Mr. Strahorn at this time.

In an interview last night Mr. Strahorn stated that he hoped to see Central Oregon every month in the year during the balance of 1916 which can mean nothing else than that he has considerable work to do throughout this vast inland empire. That he can count upon the people

of these valleys to work hand in hand with him upon this vast project goes without saying. We are all ready to do whatever possible toward bringing into being the Oregon, California & Eastern.

The American Bakery has a nice line of fresh home made candies, adv.

Diamonds set while you wait. Myron H. Symons.—Adv.

Ladies and Gentlemen

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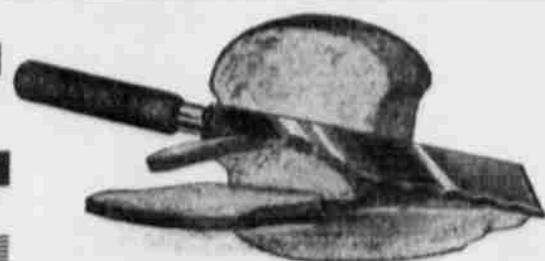
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