

# Morning Oregonian.



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## SCIENTIFIC WORK AIDS GOVERNMENT

Taylor Plan Indorsed by Stimson.

## LABOR DECLARED TO BENEFIT

Secretary Says Men Will Be Sharers in Advantages.

## ARSENAL COSTS REDUCED

"Unpleasant Exertion" and Decrease of Pay Alike Obviated. Experiment May Be Issue in National Election.

WASHINGTON, Nov. 2.—"Scientific shop management" received today the endorsement of the United States Government. Secretary of War Stimson is convinced of its desirability and advantages, basing his conviction on a report made by Brigadier-General William M. Crozier, chief of ordnance, which was made public today. The Secretary is satisfied that its introduction into Government workshops would work no hardships to labor.

"It means a betterment and in no wise an impairment of the conditions of labor," he declared in a statement. The report has been awaited by organized labor and the employers of labor with much interest. It is believed generally that the question will be one for the coming National political campaign, and for this reason especially General Crozier's findings are regarded as being of unusual import, as are the comments of Secretary Stimson.

### Arsenal Used for Experiment.

The Secretary, before entering the Cabinet, was in a position to make a close study of the problems involved in the direction of large forces of workingmen, and he felt justified in asserting his unselfish devotion to all efforts tending to the betterment of labor. In making public General Crozier's report, the Secretary says:

"As set forth in a detailed statement which I have made public today, the War Department has given considerable attention to the utilization of the method of scientific management in the various arsenal shops of the Government. The Watertown arsenal has been used practically as an experiment station, with a view of trying out the theory before applying it generally.

The results thus far are highly gratifying and full of promise. There has been an undoubted increase in the efficiency of the workmen at the shops and a material reduction in the cost of manufacture, but at the same time, and to my mind even of greater importance, these results have been obtained without in anywise endangering their pay or requiring unpleasant exertion or 'speeding up.' On the contrary, any increase in the real efficiency must insure to the benefit of the workingman.

### Workingmen to Be Rewarded.

"To my mind scientific management can and deserves to prevail only where increased efficiency means increased human efficiency, and the workingmen's participation in the rewards resulting from efficiency. It seems a betterment and in nowise an impairment of the conditions of labor."

In his report General Crozier declares that the ordnance department has been experimenting with the "Taylor system" of scientific management for the past three years, with the result that much important information has been collected, though the problem has not been solved.

"But it seems certain," says the report, "that either by this system or by some other, it ought to be possible to secure better co-operation of the employees among themselves and between them and the management than has been in the past."

The report shows that the principles of the "Taylor system" are not new and that in many of its details it has been tried for many years. The basic idea is the application of educated and scientifically trained intelligence to those operations of men which were formerly considered either as being of small importance or as belonging entirely to the practice of a trade.

**Planning Room Provided.**  
The manner in which the system was installed at Watertown is then detailed. A planning room was provided, which was presided over by a foreman and insured a continuous flow of work without cessation or loss of time, as well as the protection of the material in stock. Men were assigned to keep the tools of other workingmen sharpened; laborers or messengers fetched and carried for the higher priced machinists, who were thereby enabled to devote their whole attention to productive work, and the plant was kept in thorough order by other men, so that it could be worked at its highest efficiency. Experts showed these workmen just how fast their machines would run and how deep their tools would cut, thereby increasing their efficiency.

Hence it was possible to reduce materially the cost of manufacture. The labor cost of one set of parts for a 12-inch mortar carriage was cut from \$480 to \$375 and corresponding reductions were made in other work. All this

## MORRIS NOW FREE FOR THREE WEEKS

EMBEZZLER ENJOYS HOTEL LIFE LIKE PRIVATE CITIZEN.

Bank Wrecker Here to Inspect Books Before Wilde's Trial Is Still Engaged at Task.

It will be three weeks tomorrow since W. Cooper Morris, convicted cashier of the Oregon Trust & Savings Bank, who was sentenced to serve six years in the Oregon Penitentiary, came to Portland from the Salem prison to inspect the books of the wrecked bank. The purpose of this investigation is to refresh his memory with respect to the testimony he would offer against Louis J. Wilde, when Wilde is tried for the alleged embezzlement of \$90,000 of the funds of the bank. For this offense Wilde was indicted jointly with Morris.

Upon reaching Portland, Morris, who was accompanied by Frank H. Curtis, Warden of the Penitentiary, went to the Carlton Hotel, where he has been living and enjoying all the comforts of a modern hotel. Warden Curtis soon returned to Salem and Morris was left in charge of District Attorney Cameron.

District Attorney Cameron says Morris will have an interesting statement to make when he completes his investigation in a few days.

## TUBER WEIGHS 58 OUNCES

Felida Farmer-Experimenter Gets 500 Sacks From Two Acres.

VANCOUVER, Wash., Nov. 2.—(Special)—A Burbank potato weighing 3 pounds 18 ounces, grown by H. P. Hansen, of Felida, was brought to Vancouver today. On two acres he raised 500 sacks, or 550 sacks an acre.

For the past few years Mr. Hansen has been experimenting in the science of raising potatoes, and each year picked out the largest potatoes for seed, planting them and then taking the largest of that crop for the next season's seed. In this way he has managed to grow exceptionally large potatoes, which are as good in quality as they are large. Favorable rains were of much benefit to the potato crop this year.

## REVIVAL STYLE CHANGES

"Denatured" Variety Steady Thing Without Old-Fashioned Emotion.

CHICAGO, Nov. 2.—"Denatured revivals" are the means by which promoters of the men and religion forward movement hope to make Chicago the hub of a social and religious storm center in the Middle West. It was made known today following the first meeting here of the campaign leaders.

By "denatured revivals" the religious campaigners explained that it was their purpose to decry the old-fashioned revival, "and its attendant emotions and religious fervor and substitute therefor a steady, uniform, natural growth in religious interest."

Business men, they announced, were to be their means of reaching others.

## OWL SERVICE ADVOCATED

East Side Business Men Indorse All-Night Car Plan.

A resolution was adopted last night at the meeting of the East Side business men's Club favoring owl car service.

The auditorium subject was also discussed. C. R. Merrick, Postmaster, who was asked to give his views, spoke for a West Side location.

"I had the authority to do so. I should build the auditorium at Nineteenth and Washington streets," said he. "That is the place selected by Mr. Bennett, who prepared the plans for the City Beautiful, and I believe it is ideal for that purpose."

Mr. Merrick's views were controverted by M. G. Collins, C. A. Bigelow and others.

## BLACKBERRY MINUS THORN

Burbank Produces Smooth Vine After Working Ten Years.

SANTA ROSA, Cal., Nov. 2.—(Special)—Luther Burbank has developed a blackberry that is minus the thorns. Burbank has been at work for 10 years on this plant and as a result he has secured a bush which has branches as smooth and free from thorns as a cherry tree.

Several semi-thornless blackberries have been brought out by other experimenters, but this Burbank berry is said to be the first that is really free from thorns. The plant wizard has many specimens of the new plant growing in his big garden here.

## OCTOBER IS DRY MONTH

Rainfall in Portland of .99 of Inch Is Nearly 3 Inches Short.

The meteorological summary of Portland for October, as prepared by Edward A. Smith, District Forecaster, shows that the precipitation was 0.99 of an inch, which is nearly three inches less than normal. The highest temperature was 73° on October 7. And the lowest 34° on October 29. The mean temperature for the month was 54°.

The prevailing direction of the wind was northwest, there being six clear, 11 partly cloudy and 14 cloudy days.

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## 5 OF GIRL VICTIMS TO REST TOGETHER

Same Grave to Shelter Chehalis Dead.

## ALL BUT 2 MERE CHILDREN

Of Eight Killed in Powder Disaster, Six Are in 'Teens.

## COMPANY IS EXONERATED

Coroner's Jury, After Thorough Investigation, Finds That Every Precaution Was Taken—Girls Die Saving Their Wraps.

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## INDEX TO TODAY'S NEWS

The Weather.  
YESTERDAY'S—Maximum temperature 62 degrees; minimum, 48 degrees.  
TODAY'S—Fair; easterly winds.

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Portland and Vicinity.  
W. Cooper Morris, cashier, now free in Portland for three weeks inspecting books.

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Rules Not Violated.  
Many witnesses, including employees of the plant, were examined. C. E. Byford, of Portland, Federal Powder Inspector, testified that he had twice examined the factory and had found the company complying with the rules for safeguarding employees.

G. C. Israel, secretary and treasurer of the company, described the plant and explained the rules for employees.

Victor L. Bedler, superintendent, testified that there was no fire anywhere in the plant prior to the accident except in the furnace-room, which was isolated from the other building.

It was brought out that there was but little paraffine in the steam-heated pot which was at first reported to have boiled over and caused the powder flare which killed the girls.

Rubber Heels Required.  
That employees were required to wear shoes with rubber heels and soles, that matches and smoking especially were barred, that women were supplied with an outer garment covering their bodies completely to prevent powder dust from gathering on their clothes, further

insisted that the demands by the passage of a city ordinance.

The employers unofficially have announced that any reduction of loads must mean an increase in cost to the consumers.

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