J. G. Mack & Co.

Federal Employe Is Pleased With Administration of Oregon Office.

WEEKS LAW LIVED UP TO

Careful Investigation of Timbered and Deforested Sections Shows Conclusively Effect of Conservation on Watershed.

Charles H. Flory, Assistant District Forester of the Federal Forest Service, fice of F. A. Eillott, State Forester, as to the methods pursued in administering the co-operative agreement between the Forest Service and the State of Oregon, under the act known as the Weeks law. The report of Mr. Flory shows that the fund has been satisfactorily administered with the best possible results.

During the past Summer 59 patrol-During the past Summer 59 patrolmen were hired at a rate of \$75 per
month and were assigned to districts
on the headwaters of all the important
navigable streams, both east and west
of the Cascade Mountains. Twenty-one
counties were represented, or in other
words each timbered county in the
state was given one or more patrolmen.
These patrolmen, known as Federal patrolmen, although under the full authority of the State Forester, were renuired to report weekly, to the regular thority of the State Forester, were le-quired to report weekly, to the regular State Supervising Fire Warden in each county, who was held immediately re-sponsible by the State Forester for their dally movements. State's Work More Efficient.

During wet weather, when fire patrol was unnecessary, the time of the Federal patrolmen was devoted to clearing and brushing out trails, posting fire warnings and notices, issuing burning permits and other detail work. In fact, the Federal patrolmen were an integral part of the state's regular organization for forest fire protection with the exception that Uncle Sam paid the bill. This is the second year the Weeks law has been in operation in Oregon, and the result of the state and Federal co-operation has been satisfactory. The state is enabled to largely supplement its own work in fire protection at no cost to itself and in addition is having many trails through-

tion is having many trails through-out the timbered region improved and new ones constructed which it other-wise would not have.

The law is administered by the For-The law is administered by the Forest Service under an agreement between the Secretary of Agriculture and the State. No state will receive more than \$10,000 in any one year. In making allotments consideration is given especially to the possibility of active assistance from private owners, the amounts appropriated by the states, importance of the watersheds to be protected with respect to stream flow and navigation, relative fire risk and other matters.

Private Owners to Aid. The states must secure the active cooperation of private owners in hiring patrolmen, purchase of firefighting equipment and the construction of lookout stations and telephone lines. The Forest Service takes the stand that before a region shall receive Fed-

that before a region shall receive rea-eral aid the private owners shall make a reasonable effort themselves.

The requirements of the Weeks law are most satisfactorily met by the State of Oregon, which through State For-ester Elliott, has entered into a co-operative agreement with the Secretary

Forests Necessary to Streams.

"The claim by conservationists that stream flow is influenced by forest cover has been subject to frequent criticism and even bitter attacks, by misinformed people who were opposed to the conservation idea. Recent investigation of an elaborate character conducted by the streams. to the conservation idea. Recent investigation of an elaborate character conducted by the United States Geological Survey prove, beyond the possibility of a doubt, that forest cover has a distinct and measurable effect upon mavigable streams, and settles once and for all the problem that has long been a source of strenuous contention among scientists, laymen, and even the triends of forest conservation.

friends of forest conservation. "The Director of the Survey has recently filed a preliminary report show-ing the results of its investigations in the White Mountains of New Hamp-shire. These investigations were con-ducted along the line of trying to show that deforestation and subsequent burning of the forest mulch results in a more rapid run-off, and therefore tends to make unstable the flow of

Two small, almost exactly similar drainage basing of about five square miles each were selected on the east branch of Pemigewasset River, one (Shoal Pend Brook) largely clothed with virgin timber and the other (Burnt Brook) deforested and burned. with virgin timber and the other (Burnt Brook) deforested and burned. The facts observed were very striking. Careful measurements of precipitation over the area and of the run-off of the respective streams show that not only —as the snow held better in the forested area, but that during a period of 17 days in April, including three extended storms, the run-off of the stream in the deforested area was a comparative flood—practically double that of the stream flowing through the forested area. On both streams hydrometric stations were established and the stream flow determined with a high degree of accuracy.

The survey report shows that the maximum flood flow from the forested hasin was only 67 per cent of that from the deforested basin. Such an actual demonstration and quantitative measure of the performance of different stations were calculated by the people.

STOCKMEN, NOTICE!

Read my ad today in "Business Opportunities," headed "Partner Wanters," J. A. May.

ested, has never been attempted in trying to determine the effect of forest
cover on stream flow. Efforts to arrive
at definite conclusions have always
been based on a study of long-time records of precipitation and stream discharge, but, owing to the many qualifying factors, such efforts have simply
resulted in diverge t opinions and inconclusive controversies.

"Director George Ot s Smith, of the United States Geological Survey, .n his conclusion, states that: "'.le-forestation, followed by fires, as in the Burnt Brook Basin, results in conditions unfavorable to natural spring storage, because conducive to rapid snow-melting and stream run-off. Control of White Mountain lands that would reduce fires to a minimum and promote normal reforestation must result in a great improvement over pres-Reforestation Is Remedy.

STRICKEN WITH PARALYSIS ON TRAIN, WOMAN LIVES BUT FEW HOURS.



Mrs. Ottille Stein.

Stricken with paralysis while returning to Portland from Middleton, Or., where she had been on a visit to her farm, Mrs. Ottille Stein died at the home of her daughter, Mrs. S. S. McFadden, 664 East Alder street, Thursday evening. Mrs. Stein went to

day evening. Mrs. Stein went to her farm at Middleton two weeks ago and took the train for Portland Thursday.

Mrs. Stein was unconscious when the train reached Portland. She was 56 years old and had lived in Oregon 35 years. She is survived by four children—Mrs. S. S. McFadden and Mrs. Frank A. Tauscher, Portland; Mrs. Lewis Foster, Sandwich Islands, and Alfred Stein, Middleton.

ent tendencies, and this improvement in forest cover can logically be ex-pected favorably to affect stream regupected ravorably to alreet gream regu-lation to the extent quantitatively in-dicated in the comparison of the for-ested Shoal Pond Brook with the de-forested Burnt Brook.

"The results of the Survey's investi-

gation fully justify the passing of the Weeks law, which has been taken ad-vantage of in a dozen or more states."

THIEVES GROWING RICH

STRONG ARM TEAM MAKES HAULS TOTALING \$2500.

Detectives Say Pair Are Elusive Criminals, Confining Operations to Ignorant Alien Class.

Theft of \$514 by the "strong-arm" method was reported to the police yesterday by George Mekcas, a laborer, who lays the crime to two men answer-

Some Friends Urge Him to Become Independent Candidate While Others Advise Against It.

With the return to Portland this week of Senator Bourne from Wash-ington, his friends are expecting a definite announcement from him as to his plans politically. Some of his friends have been urging him to be-come an independent candidate to suc-ceed himself. Others have advised

against that course.

It is known, however, that the field has been scanned thoroughly by close friends of the Senator for the purpose of ascertaining to what extent a demand exists for his independent candidacy. W. S. U'Ren, for years close friend and counsellor of Senator Bourne, for some time has been feeling out public sentiment. He recently devoted several days to the task in Portland. He interviewed all classes of citizens, not overlooking the waiter against that course.

Complete Rgistration Will Total 32,000 for Year, Is Present Expectation.

STRUCTURE READY

Half Million Dollar Lincoln High, Weston and Clinton Kelley Institutions to Be in Use. New Teachers Assigned.

All of the public elementary and high schools within the city limits of Port-land will open for the work of the coming year tomorrow, and it is pre-dicted by the administrative authorities that 23,000 pupils and students will file their registration cards, being an in-crease of about 10 per cent over the attendance of the opening day of last year.

This number is exclusive of the night This number is exclusive of the night school classes at the Lincoln High School building, the Board of Trades and four or five grammar schools, which will attract a total of about 1200. It is further predicted that the complete registration for the year will aggregate 32,000, and that 28,000 of this number will attend the elementary schools and about 4000 attend the three high schools.

Teachers Meet at 8 A. M.

The principals and teachers of the respective schools will meet for preliminary organization at 8 A. M. tomorrow. The pupils will be assembled at 9 o'clock for instructions, and will be assigned to their rooms. After they have received their book lists and census forms they will be dismissed for the rest of the day in order that they may collect their text books and have their census forms indorsed by parents or guardians. Before dismissal, Monday, lessons will be prescribed for the following morning, when recitation work will commence and the regular routine of the year begin in earnest.

Two entirely new buildings and one rebuilt structure will receive pupils for the first time tomorrow, the new Lincoln High School, a \$500,000 edifice erected at Park and Market streets;

erected at Park and Market streets; the Weston School, situated near Lents, the Weston School, situated near Lenis, and the Clinton Kelly School, at Twenty-sixth street and Powell Valley road, which has been extensively remodeled. The former home of the Lincoln High School, between Morrison, Alder, Fourteenia and Fifteenth streets, will hereafter be known as the Lownsdale Elementary School. mentary School.

Plans Are Announced More than 850 of the Portland public school teaching force for the ensuing year met yesterday at the new Lincoln High School to outline plans for the year's work. Announcements were year's work. Announcements were made of the various transfers of teach-ers and of the organization of the teaching corps at the respective build-

teaching corps at the respective buildings.

In a short address H. C. Campbell, chairman of the Portland School Board, congratulated the city and the teachers upon the opening of the splendid new high school edifice and extended greetings to the teachers from the Board. Frank Rigler, superintendent of the city schools, spoke on "Some Hindrances to School Work." During the sessions a thorough test was made of the acoustic properties of the large auditorium in the new building, and it was found that they are nearly perfect. The building is equipped throughout with the latest school appliances, and is especially designed to meet all hygienic requirements.

of Oregon, which through 18 are foresterester light, has entered into a cooperative agreement with the Secretary of Agriculture through the Forest Service, whereby the latter has granted to the State Forester \$10,000 for the purpose of hiring patrolmen on forested watersheds of navigable streams throughout the state.

The Forest Service has issued the following statement regarding the Weeks ago. Both are described as French or Italian, and of middle age in Michael and what is being accomplished under its provisions:

Coagress Appropriates \$200,000.

It is not generally known that Congress passed an act, two years ago, appropriating \$200,000 for the purpose of fire protection on the forested watersheds of navigable streams. This sum is made available until used and is to be expended in co-operation in the individual states in which (1) provision in made by law for a system of forest fire protection, and (2) the Federal expenditures in any state must not exceed in any Federal fiscal year the amount appropriated by the state for the same purpose.

The Seneral purpose of this law is to secure the maintenance of a perpetual growth of forest of the watershed will materially add in preventing foods, improving low waters, in preventing erosion of steep slopes and the sitting up the river channels, and the sitting up the river channels and her sitting up the river channels and the situation of the descriptions of the descriptions of the described with jobs here a few weeks ago. Both are described as French or Italian, and of middle age. Mekcas at the Unit of the teachers and principals connective of the two stranges and made are described as French or Italian, and of middle age. Mekcas ago. Both are described as French or Italian, and of middle age. Mekcas ag Regular Meetings Scheduled.

sheds of navigable excesses where such growth will materially aid in preventing faced, improving low waters, in preventing erosion of steep slopes and the sliting up the river channels, and the sliting up the river channels, and thereby improve the flow of water for navigation.

Forests Necessary to Streams,

"The claim by conservationists that stream flow is influenced by forest cover has been subject to frequent criticism and even bitter attacks, by milsinformed people who were opposed to the conservation idea. Recent investigation of an elaborate answers.

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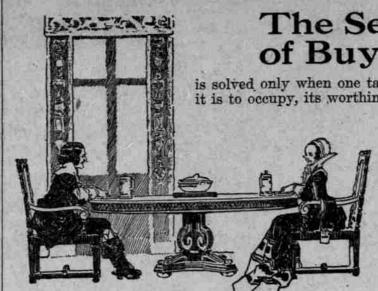
The excellence of DeMiracle is too widely known to need comment. The specially interesting thing is that we sell this preparation at smartly reduced prices. Not for one day, but every day. You can buy it at our toilet goods department at

OUR SPECIAL PRICES 1.00 bottle 79c

2.00 bottle 1.69c The best proof that DeMiracle is the standard depilatory of the world is that it has stood the test of time. It was the largest selling depilatory ten years ago, and more of it is sold today than the combined sales of the questionable depilatories.

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Those who seek individualism in furniture will find it in our displays of Dining-Room, Bedroom, Living-Room and Hall Furniture, in which is represented many pieces and suites from the shops of Berkey & Gay. It will be a pleasure to us to show them to you and we know that you will have pleasure in examining them.

The Fall Displays of Carpets and Rugs

are at their best here That individuality which the dis-

criminating homefurnisher seeks when selecting floor coverings is found in what is assembled in our Carpet Department, from the most inexpensive to the finest. The most critical who seek the merits of design and color of the genuine Oriental, will find them in the finer Wiltons, such as the Royal Kashan, Anglo Persian, Ardebil and Herati Rugs. In them will be recognized faithfulness in design and coloring of the rarest of the Orientals. And when one considers the long service that these give, and the individuality of design and coloring, their price is moderately low. In the standard room size of 9x12 feet at \$57, to the small size of 22 1-2 ins. by 36 ins. at \$4.50. Other sizes up to 11 ft. 3 in. by 15 ft.

Don't fail to see the plain-center seamless Wilton Rugs, with twotone borders, in the modern decorative shades of brown, gray, blue,

This store is the exclusive agency for Irish and Austrian Hand Tufted and Seamless Rugs. Special sizes made to order to conform to the proportion of the rooms of the mod-

The Hangings of Your Home

in order to lend the desired artistic and correct effect to the interior decorations and furnishings of the home, do not necessarily have to be of the most expensive kind. Pleasing treatments of windows, doorways, casements, etc., are possible with materials of moderate cost. For instance, in our stock are:

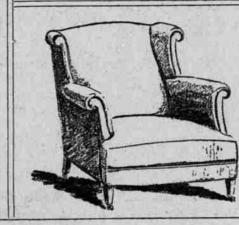


Imported Swiss and Marquisette for dainty bedroom curtains at 20¢ to Imported Madras, in small patterns for bedrooms, in cream and white,

at 40¢ to 90¢ yard. New Cretonnes and Chintzes at 25¢ to \$1.25 yard.

Light-weight hangings for living-room, dining-room, library-plain Calcutta Silks in large assortment of beautiful colors, at 75¢ to \$1.10 yard. Takado Silks, also light-weight materials, imported, at 60¢ to 90¢ yard. The popular Sundour Fabrics in new colors and designs.

Inexpensive imported Cotton Tapestries in exclusive designs, and in colors more permanent than the domestic, at \$2 to \$4.50 yard.



Easy Chairs of Dependable Construction at Most Moderate Prices

The one illustrated here is an example of the many such pieces dis-played here. The hidden construction is the trustworthy kind and the design shows pleasing proportion and character. Legs of mahogany. A restful and popular type of easy chair in which most anybody will find comfort. Covered in denim.

Fifth and Stark J. G. Mack & Co.

Fifth

population on the East Side is seen in the project of a fourth high school building, which it is proposed to construct somewhere in the southeastern portion of the East Side. It is intended to have this school lay particular stress upon agricultural and horticultural courses, and to provide sufficient grounds to permit a practical application of agriculture and horticulture. The 1913 budget may provide only for the purchase of ground for this building, but it is possible that it also will include an allotment for the construction of the building. It is hoped that the new building will be ready for occupancy two years from this Fall.

LINGENFELTER IS FREED Charges of Misconduct in Office Ar

Not Upheld.



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