# THE BEND BULLETIN

## "For every man a square deal, no less and no more."

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# SUBSCRIPTION RATES:

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# FRIDAY, JANUARY 4, 1907.

# FIGHTING FOR THE LAW.

Hon. Joseph W. Folk, governor the wave of reform that is passing for civic and individual righteousthat man is Joseph W. Folk. He all to ponder over. Therefore, we append a few extracts:

as well as patriots of war. It may not rall to the lot of many to go to battle order the flag, but every young Ameri-can can rest assured there is a place for him in civic life where he can be of service.

"It is the every-day patriotism on which the safety of the republic rests, not that which lies dormant until thrilled by flying banners and martial music. Yet history shows that the great republies of old - Rome, Carthage, Athens, Plorence, Venice-were overthrown through corruption in time of peace.

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"This civic awakening to the necessity of stamping out the things that dishonor in public life and the things that oppress in private life, the revelations of public corruption and of private grafting, do not indicate a moral degeneration, but a moral regeneration. They do not mean that men are worse, but that men are better. They show that the new inspiration is to get right rather than to get rich.

"The entire nation has been roused during the past four years by the exposures of official venality and of private crookedness. There are some who can see in these things only darkness for the future. To my mind the hope of the perpetuity of the government by the people was never brighter than at the present time. We had reached the danger line, the point where other re-publics had begun to decline, where wealth and luxury were sapping the morals of the people, and where the peo-ple were indifferent to their duties as cit-

man Soil Moisture and Its Movements. The air has been excluded. With-BY RELAS NELSON.

Problems That Confront The Irrigator.

Expert in charge of Idabo Auxiliary Experi-ment Farm for Brigation and Dry Farming at Caldwell, Idabo 3 the trans-location of water in the growth.

ground is very important. The the reach of the roots.

clearly shown in many places along colation great. canals where the banks are moist In some soils saturation of the

ticed to retain it. some air, but in a saturated soil all cific Homestead.

# Decline in Cattle.

near future. But one thing can result the provisions of the act of Congress of June 1, from this condition of things, and that is an impoverishes soil and later on an washington territory organ. Nervets and cattle on the farms of Ohio and little is an impoverished soll and later on an washington territory, impoverished farmer. If any one will look up the facts as found in our statistical reports on farm conditions he will get his eyes opened to a few facts of bend, county of Crook, state of Oregon, sworm statement No. 340 for the purchase of the nwh statement No. 340 for the purchase of the nwh as  $j_1$  set  $j_2$ ,  $j_3$  and  $j_4$  set  $j_4$  set  $j_5$ ,  $j_6$  and  $j_6$  set  $j_6$  s numbers in the state. This decline, especially in cuttle, is largely due to the prevalent idea among farmers that it is either too risky to feed them or that it don't pay to do so. This decline in seems that our aberage yields of grain are declining also. If we would restors our live stock industries we a would find our grain yields increasing. -Cor. Ohio Farmer,

out air the roots cannot perform their functions. More water than So per cent of the water-holding ca-Since the irrigator has constantly pacity is detrimental. Forty to 60 to deal with soil conditions an ap- per cent or about half air and half water in the spaces in the soil is preciation of the various phases of the condition best suited to plant

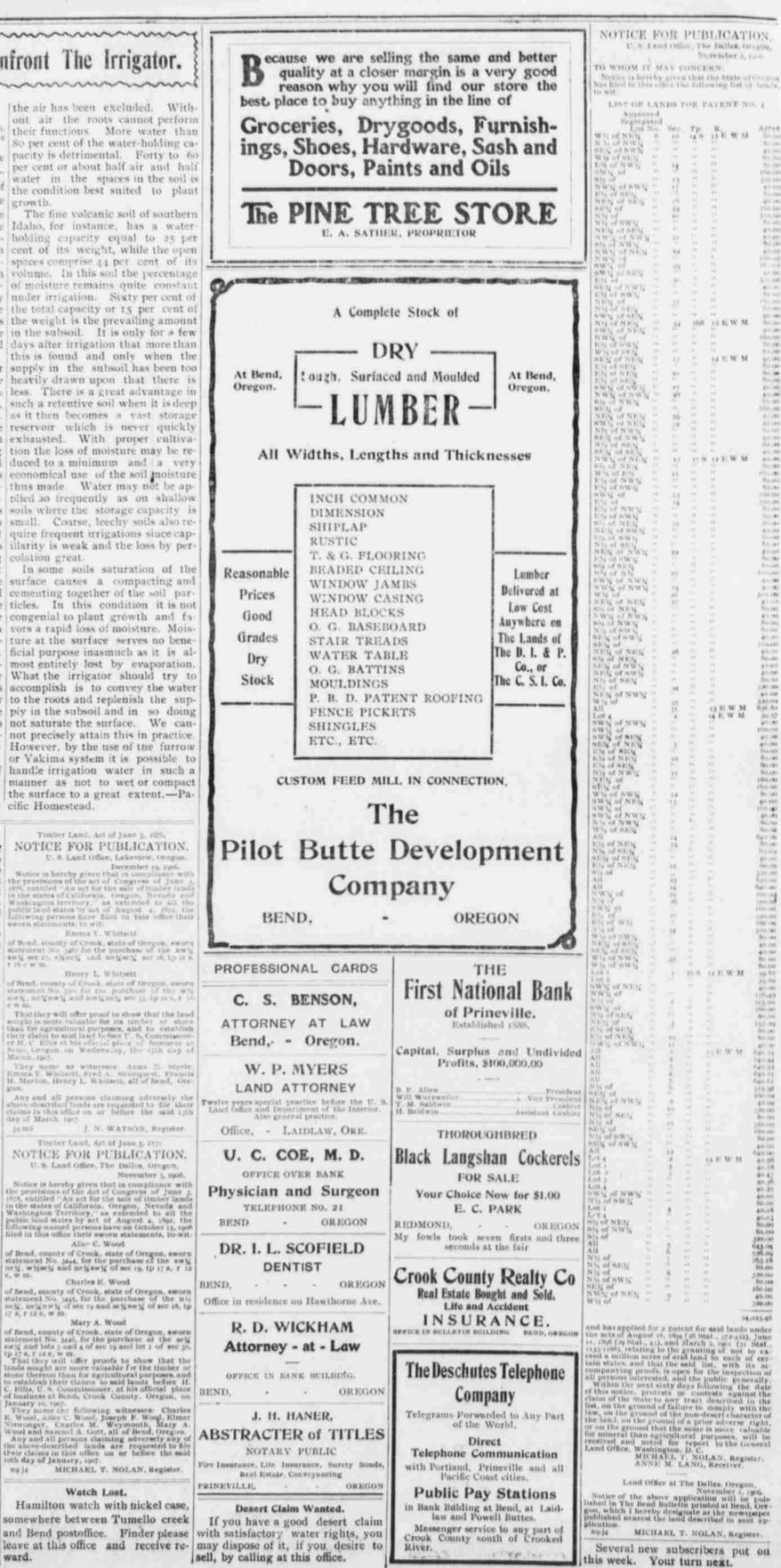
The fine volcanic soil of southern movements of water in the soil are Idaho, for instance, has a waterof Missouri, has a remarkable artis due to gravity and capillary attrac- holding capacity equal to 25 per cle in The Youth's Companion on tion. Gravity acts only through cent of its weight, while the open "Soldiers of Pence." In it he dis- coarse sand or gravel or an adven- spaces comprise 44 per cent of its cusses, in an interesting manner, titious open space in the soil. In volume, In this soil the percentage porous soils the downward move- of moisture remains quite constant ment of the water may be very under irrigation. Sixty per cent of over the land and sees in it a prom- rapid and the losses in consequence the total capacity or 15 per cent of ise of a better national life in the great. More frequent irrigations the weight is the prevailing amount future. His great point is that the are necessary on such soils as large in the subsoil. It is only for a few nation needs men who will fight amounts of water may seep beyond days after irrigation that more than this is found and only when the Capillary attraction, on the other supply in the subsoil has been too ness in time of peace as well as for hand, comes into play where the heavily drawn upon that there is the government's welfare in time of soil particles are fine and lie close less. There is a great advantage in war. If any man at the present together. It acts in all directions, such a retentive soil when it is deep can be termed a "Soldier of Peace" upwards, laterally and downwards. as it then becomes a vast storage It carries irrigation water into the reservoir which is never quickly soil and draws the moisture from exhausted. With proper cultivahas proved himself a superb fighter the subsoil to the surface. During tion the loss of moisture may be refor rightcousness. The lesson he rains and when water is applied duced to a minimum and a very would teach is a profitable one for capillarity acts downward. This is economical use of the soil moisture soon reversed so that in the inter- thus made. Water may not be apvals between irrigations the move plied so frequently as on shallow ment is upward. Where the soil is soils where the storage capacity is "The country needs patriots of peace fine and deep capillary attraction small. Coarse, leechy soils also remay draw water from a depth of quire frequent irrigations since capmore than six feet. This fact is illarity is weak and the loss by per-

many feet above the surface of the surface causes a compacting and water. The movement is checked comenting together of the soil parwherever the spaces between the ticles. In this condition it is not soil grains are filed with air; hence congenial to plant growth and fathe value of an earth mulch as a vors a rapid loss of moisture. Moiscover which more or less complete- ture at the surface serves no benely prevents the escape of moisture. ficial purpose inasmuch as it is al-Hardpan may entirely stop perco- most entirely lost by evaporation. lation and any compact soil may What the irrigator should try to men were needed more than now. The greatly retard it. Capillarity is accomplish is to convey the water thus the force that distributes water to the roots and replenish the sup-fuenced alone by the public good, and fewer of those who are in politics for revenue only." the surface where it is lost by evap- not precisely attain this in practice. oration if cultivation be not prac- However, by the use of the furrow or Yakima system it is possible to In all soils there is a network of handle irrigation water in such a interstices among the soil grains manner as not to wet or compact Ordinarily these spaces contain the surface to a great extent .- Pa-

> Timber Land. Act of June 1. 1971 There is now an emusual searcity of NOTICE FOR PUBLICATION. U. S. Land Office, Lakeview, Oregon.

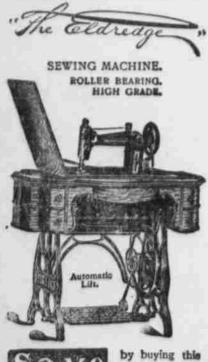
Emma V. Whitsell

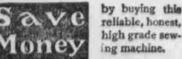
Henry L. Whitsett



zens, and corruption seemed to have fastened itself on the body politic."

"Many great crimes of modern times have been rendered possible by the fact that the people as a rule have been hon-est, but indifferent. They have learned now the necessity for aggressiveness, and we are, I believe, but in the beginning of a crusade for higher ideals in public and private life. This revolution in the conscience of mankind has been brought about by the energies of good citizens, who are soldiers of peace."





STRONGEST GUARANTEE. National Sewing Machine Co., SAN FRANCISCO, CAL. PACTORY AT BELVIDERE. ILL.

## When to Slaughter.

Cattle are fit for beef at eighteen to twenty months if properly fed, though meat from such animals lacks in flavor. The best meat will be obtained from animals from thirty to forty months old, though they may be used at any age if in good condition. A calf should not be used for veal under six weeks of age and is at its best when about ten weeks old and raised on the cow. There is a law in most states against selling yeal under six weeks of age. Hogs may be used at any age after six weeks, but the most profitable age at which to slaughter is eight to twelve months. Sheep may be likewise used when two or fbree months of age and at any time thereafter. They will be at their best previous to reaching two years of ago, usually at eight to twelve months .- Andrew Boss, Minnesota.



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That they will offer proof to show that the land it don't pay to do so. This decline in live stock spens to be associated very closely with soil conditions, for it needs that our alverage yields of grain been station or agreed on the allocation of the stational place of the their claim to said hard before U.S. Commission-er H. C. Ellis at his afficial place of behaviors at the station of the station of the stational place of the station of the station of the stational place of the station of the sta Matura 1947

They many as witnesses. Anna II. steele Imma V. Whitsett, Fred A. shorquest, Francis R. Marlon, Henry I., Whitsett, all of Bend, Ore

Any and all persons claiming adversely the above described lands are requested to file their claims in this office on ar before the said rith day of March task. lay of March, 1907.

J. N. WATSON, Register. Jamm.

Timber Land, Art of June 3, 17 NOTICE FOR PUBLICATION. U.S. Land Office, The Dalles, Oregon,

### November 1, 1905

November 5, 1908. Notice is hereby given that in compliance with the provisions of the Act of Congress of June 1, 1938, entitled "An act for the sale of timber lands in the states of California. Oregon, Nevada and Washington Territory," as extended to all the public land states by net of August 4, 1897, the following-named persons have on Citober 12, 1906 filed in this office their sword statements, to-wit allow C. Word

Alic= C. Wood of Bend, county of Crock, state of Oregon, sworn statement No. 3444, for the purchase of the swig nely, wissely and nelyswig of sec 19, tp 17 s, r 12 c, w m.

### Charles E. Wood

of Bend, county of Crook, state of Gregon, sworn statement No. 3445, for the purchase of the  $B_{25}^{10}$  may, mey neighbor of sec 19 and arg awy of sec 18, tp 17 a, rise, with

## Mary A. Wood

Mary A. Wood of Bend, county of Crook, state of Oregon, sworn statement No. Mark, for the purchase of the self away and lots 3 and 4 of sec 19 and lot 1 of sec 20, tp 17 s, r 12 c, wm. That they will offer proofs to show that the lands sought are more valuable for the timber or stone thereon than for agricultural purposes, and to establish their claims to said lands before H. C. Elbs, U.S. Commissioner, at his official place of business at flend, Crook County, Oregon, on January 10, 1007.

of bushiness at Beinds, Crook County, Orsgon, S. January 10, 1997. They name the following witnesses: Charles E. Wood, Alke C. Wood, Joseph F. Wood, Elmer Niswonger, Charles M. Weymouth Mary A. Wood and Samuel A. Gott, all of Bend, Oregon. Any and all persons claming adversely any of the above-described lands are requested to file their claims in this office on or before the said their day in this office on or before the said 10th day of January, 1907

MICHAEL T. NOLAN, Register. 19.14

### Watch Lost.

Hamilton watch with nickel case, somewhere between Tumello creek ward.

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