

SEEKING ORCHARD HEATER ABOLISHING SMOKE NUISANCE

Chas. K. Henry of Portland and Pasadena, who recently visited Medford, sends the following clipping from Pomona in the Los Angeles Times relative to the experiments being made to make a sanitary orchard heater:

"If experiments continue at their present rate of development, the orchard heater smoke problem, which has come to be such a nuisance in southern California citrus districts, may be almost eliminated before the beginning of another winter. The Pomona chamber of commerce, which instituted the campaign for the abolition of the so-called "smudge pot," has had a committee working on the heater problem for nearly two months, and many encouraging results have been obtained during that time.

An Absolute Nuisance. "The first and most satisfactory result was the decision of 100 prominent growers in convention here, to effect that suspended carbon of smudge in connection with orchard heating is wholly undesirable and an absolute nuisance. Since the growers arrived at the conclusion that a smokeless heater is the thing they need, many men of a mechanical turn have been making an effort to produce the sort of heater that is needed.

"Experiments have brought forth some peculiar heaters. Most of them are crude oil burners, the impression of experts being that a more intense heat can be obtained by burning crude oil than by firing with any other kind of fuel. The idea of heating the groves with electricity has practically been abandoned because of the expense of developing power and putting in the necessary equipment. The plan to heat with natural gas has also been tossed into the discard on account of the expense of equipment being considered prohibitive. Some of the heater designers exploiting pots that burn distillate, and fairly good results seem to be obtained therefrom, but the sentiment seems to be in favor of crude oil used in heaters which will not liberate the free carbon.

Consume Asphaltum. "The tendency seems to be toward a heater which will consume the asphaltum which develops as a residue in the heaters after they have been burned for a series of nights. Some of the oil men think that they have a grade of oil from which considerable of the asphaltum has been removed at slight expense.

"A Japanese named S. Mochida, who resides at Upland, appears to have patented as long ago as 1913 a down-draft heater which is calculated to be practically smokeless under favorable conditions. His device is low stacked, but it has a perforated stack reaching clear to the bottom of the heater tank which acts as a draft for the fire burning upon the surface of the oil in the pot, and sucks the flames into the stack, where the free carbon fastens itself to the sides of the stack en route to the exit.

"Several Pomona men have made heaters which appear to have considerable merit. One of these is a tall stack which can be set upon a wire tripod and placed over the top of any of the old-fashioned, short stacked, smoky heaters. This tall stack is perforated for a distance of perhaps ten inches from its base, and it has a contrivance at the base which forces the flames to burn downward into the oil, thus doing away with a great deal of the smudge. The tall stack accumulates much of the lampblack on the inside and but little suspended carbon is liberated. At the same time this heater, with an equal amount of oil, is said to give off twice as much heat as the old-fashioned heater burning at full blast and rolling up dense clouds of lampblack.

Different Burners. "One man has a distillate heater which burns distillate gas on a torch burner which is attached to the end of a piece of gas pipe leading from a distillate tank. The main objection to this type, growers claim, is the amount of apparatus and the inconvenience of having so much apparatus in orchards, rather than the undesirability of the heater, for it is claimed to be quite a worthy device.

"C. N. Burton, the father of the orchard heater improvement idea, who deposited \$50 with the chamber of Commerce early last winter to be spent in research work looking toward the elimination of the smoky heater, says that the growers are making rapid progress in their study of the subject, and he expresses the belief that they will be using improved types of heaters in their groves next winter."

Mrs. Thomas Fuson of this city is spending a few days at Grants Pass visiting with Mrs. George Jester.

"Aleta," Oriental Dancer With Alexander at Page Theatre



Anexander, peer of crystal seers and exponent of magic will be the attraction at the Page theater for three days beginning Tuesday, April 3rd.

This is the first time Alexander has ever played in Medford. Coming direct to the Page theater from a two weeks' run at the MacDonough theater in Oakland and Clunie theater in Sacramento Alexander has been secured by the management of the Page for this engagement before the opening at the Helig theater in Portland where Alexander played last year for five weeks to capacity houses and where this attraction is booked for three weeks following the engagement here.

The performance is divided into two parts. The first part being a series of the most perplexing, astounding and wholly mystifying and enter-

taining feats of magic, illusions and disappearances ever staged at one time by any exponent of the black art.

The second part of the performance, termed the Simla Seance, is an offering so unusual, weird and baffling that critics, professors and professional men have proclaimed Alexander to be the most wonderful brain marvel that has ever appeared in public.

Any one who has ever witnessed this show has left the theater bewildered, and satisfied that Alexander truly is the man who knows and that he not only lives up to his booking in full but has a show that is greater than that offered by any of the deceased exponents of magic and supernatural, in fact combining the past offering of all these artists of the past in one performance that is an attraction extraordinary.

FARM LOAN BANK AT SPOKANE NOW READY TO BEGIN

SPOKANE, Wash., April 2.—D. G. O'Shea president of the Spokane Federal Land Bank, has returned from Washington where he attended a conference of the president of the twelve federal land banks, with Secretary of the Treasury McAdoo, and the members of the Federal Farm Loan Board.

He expressed gratification over the fact that this conference had fixed a flat interest rate of 5 per cent, applying to all parts of the United States. He declared that this interest rate would prove a great boon to the farmers of the northwestern states and predicted that within a year the Spokane Federal Land Bank will have made loans aggregating \$10,000,000.

Increase Loan Limit. Mr. O'Shea also announced that the conference of bank presidents passed a resolution asking congress to increase the limit of the loans permitted to an individual borrower from \$10,000 to \$25,000. He expressed the hope that the special session of congress, soon to convene, would make this change for the large borrowers of the Spokane Bank district.

In order that more funds may be available for investment in farm loan bonds, and in turn made available to lend to farmers of this district, Mr. O'Shea urged that the legislatures of Washington, Montana, Oregon and Idaho immediately pass laws making farm loan bonds approved investments for trust funds, insurance companies and savings banks.

Mr. O'Shea announced that the bonds issued by the twelve federal land banks would be placed on the market at 4 1/2 per cent, but would probably be sold at a premium. He expressed gratification over the fact that the Federal Farm Loan Board has anticipated that at least \$100,000,000 of these bonds will be issued during the coming year and is making arrangements which will assure a ready market for them. All of this money will be made available to the farmers of the United States at 5 per cent.

To borrow from these federal land banks, farmers are required to organize themselves into groups containing at least ten farmer-borrowers and each group asking for at least \$20,000 of loans. The Spokane federal land bank is now prepared to furnish a blank form of articles of association to make the organization of these groups simple and easy. Other necessary blanks will also be furnished on application.

Farmers are permitted to borrow up to 50 per cent of the appraised

STATE FARM LOANS ARE NOW AVAILABLE TO COUNTY FARMERS

OREGON AGRICULTURAL COLLEGE, Corvallis, Ore., April 2.—

Farmers of Jackson county, who contemplate securing loans from the state rural credits fund may secure blanks and instructions by applying to the state land board attorney for this county, O. C. Boggs, Medford. It is also suggested by Dr. Hector Macpherson, of the O. A. C., department of rural economics, who assisted in drawing the bill, that the loans be negotiated as soon as possible. General interest rates are likely in face of war conditions to rise as much as 1 per cent in a few months, and eventually put the federal loan measure entirely out of business as well as render the operation of the state law much harder. Such has been the course in British Columbia, where similar laws were enacted four years ago, but have not yet been put into operation because of the war.

"A good deal of confusion exists," says Dr. Macpherson, "as to how to proceed to get a loan. Intending borrowers should call up their county representative of the state land board, who can supply them with blanks and give them instructions. Loans may be made for 10, 20, 30 or 36 years periods. Borrowers are advised to take the 36-year loans, which can be paid, principal and interest, in 35 annual payments of six dollars each and one—the last—payment of about ten dollars. If able to pay sooner they may pay as fast as they please, and interest will be stopped on all partial payments as soon as made."

value of the land, plus 20 per cent of the value of the permanent insured improvements. Loans are to be made at 5 per cent and must be retired on the amortization plan, which means repayment by fixed annual payments throughout the period of the loan. The loans may run from 5 to 40 years at the option of the borrower. The object of these long time loans is to enable the farmer to meet these small annual payments out of the increased earnings of the land, made possible by the investment of the borrowed money.

Don Colvig left Monday for Yreka where he will be in charge of the office of the California-Oregon Power Co. Mr. Colvig's place in the Medford office of the company will be filled by R. R. Ebel, formerly of Medford but for the past year in the San Francisco office of the company.

PROTEST MOVE TO CHANGE NAME OF LANE COUNTY

Mrs. Eva Lane Walker of Medford has written the following protest to the Eugene Chamber of Commerce protesting the resolution recently adopted favoring changing the name of Lane county because of Senator Harry Lane's failure to support President Wilson in the defense of American rights. The protest reads as follows:

"To the Eugene Chamber of Commerce: "Gentlemen:

"I rise to a point of order and vigorously protest against your recent action in voting to change the name of Lane county because of the so-called behavior of Senator Harry Lane in the United States senate.

"I base my protest on the strength of our inherent personal liberty and civic principles. I base my right to make the protest on being just what I am—a grand-daughter of old Oregon.

"My maternal ancestry goes back to the days of Plymouth Rock, and some of those remote grandsires pointed their flintlocks at their king because they were impertinent enough to believe in the divine rights of the individual. As the years grew apace one of them was given the highest gift our republic can give an individual. I tell you this so you won't form the erroneous idea that you are more American than I am. My maternal grandfather was a United States army officer; brought his family to Oregon in 1845; his wife, five sons and five daughters; grand parents and children now form a part of Oregon's soil, but several hundred of their children and grand children still exist to Oregon's credit. Oregon has been good to them and they have given value received.

North and South Blend. My paternal grandfather was also a United States army officer (so was a very close relative, General Joseph Lane); in 1861 he stepped south of the Mason and Dixon line and began shooting at my northern grandfather. When the war was over they came back to their Oregon land grants, became friends and neighbors and were faithful, hard-working Oregonians. They worked shoulder to shoulder with General Lane in the Indian wars and in helping the struggling pioneers to bring order out of the chaos of wilderness.

"The southerner's son married the northerner's daughter; one result of their union being myself. Myself being the descendent of such forbears my mind is endowed with the happy faculty of being able to look clearly at both sides of rather ticklish propositions without malice. Some minds, not having opposing origins, can't see both sides of a question at first, and often act on impulses that cause them sorrow later.

"Chamber of Commerce of Eugene. I challenge your right to take such action on such grounds. I challenge you as Americans, I challenge you as Oregonians. You are, in effect, passing a bill of attainder. If I were a man, I would come to your next meeting and fight, individually and collectively, with my fists if you dared to say the name of Lane brought dishonor upon you. As it is I fight you in the only way a woman can fight—with her tongue.

A Cowardly Attack. "What right have you to stir my sentiment to change a name that the makers of Oregon gave in honor and that has been borne in honor all these years? Is it fair to the living or to the dead? Is it not cowardly and cruel to a point of medieval crudity? Did not the pioneers honor that name enough to bestow it with pride on one of the fairest counties in our fair state? Did they not respect the owner of the name so much that they gave him the greatest gift that their young commonwealth had to bestow. The record of his life shows that he gave his best efforts to his state and that they were acceptable to the citizens of old Oregon.

"What is your object, gentlemen? Are you attacking the characters of the Lanes who are dead? If so, have you considered that their lips are dumb, or do you all believe that the good a man does is interred with his bones and only the evil lives after him? Do you want to dishonor General Lane through his living grandson? Do you want to hurt the living son by dishonoring the memory of the dead grandfather? If that is your aim, then you, and not Harry Lane, need pity, for you are doing more than turning down party principles, you are turning down the principles of manhood. Harry Lane can't fight over the ashes of his dead, and from his own point of view he has committed no wrong.

"I am a republican so we have never agreed politically. From my point of view, his recent action was an error; from his, it was the right thing to do; from yours, it was a crime. Now the punishment of an Oregon official can be meted out in a fair way, and it is only as an official you have any right to censure Harry Lane; as a private citizen he is as good and true as any man within the limits of our state. All the Lanes, past and present, were and are, loyal Oregonians. As private people, they are like all humans, neither better nor worse.

"The Oregonian has always been the A-B-C book of this particular family of Lanes, and somewhere within Uncle Sam's domains, it will reach a man who for fifteen years has been in Uncle Sam's secret service, loyal, unto death, ready to work for America and Oregon. Why do you want to hurt him?

The Oregonian will reach a battle ship, guarding our eastern coast, where a boy of twenty-six, with Lane blood in his veins, goes daily under the sea in a submarine and drills among the net work of mines that secures your country and mine. Why do you want to hurt him? Oregon never called once and found a Lane wanting in courage and loyalty, whatever else they lacked. Harry is much-loved as a man, no matter how he is regarded as a politician. He has done some great service for his state, even though he has apparently blundered now.

"Use the whip-lash that civic honor permits, but drop the flail that holds the scorpion's sting. If you do not, you will all live to reach the stage of second thought, and realize, as all the state will, that by your action, you have placed a blot upon the fair pages of Oregon history.

"EVA LANE WALKER."

Expectant Mothers Relieved of Pain

Women Use Prescription of Famous Physician.

Since the days of our first parents in the Garden of Eden, women have borne the pain and discomfort of childbirth. Science on its part, has worked to modify and to relieve in part, the dreadful suffering at such a time.

The preparation known as "Mother's Friend" is applied by the mother-to-be herself, externally, night and morning. It relieves the tension on the muscles, cords and ligaments of the abdomen, and the expectant mother is made much more comfortable. The crisis is one of much less pain and danger.

Thousands of women who have used it successfully state that they cannot say enough about the good "Mother's Friend" did for them and refer particularly to the absence of nausea or morning sickness.

Ask your husband to get you a bottle from the drug store. If you wish a valuable book for mothers, write the Bradfield Regulator Company, Dept. F, 445 Atlanta, Ga. It is free and will be sent at once.



MAKE HER EASTER BRIGHT SEND FLOWERS The recipient of flowers always enjoys her Easter. They express your thoughtfulness and cheer her—a floral offering always does. Send her a beautiful blooming plant, a lovely Easter lily, or fragrant cut flowers. No matter what you choose, if it comes from here, you may be sure she'll appreciate it. We'll deliver anywhere at any time. PIERCE, the Florist Medford's Leading Florist. 1005 E. Main. Phone 374 Down Town Store, Heath's Drug Store.



Have Your Laundry Done by the Leader We keep abreast of laundry improvements. Every facility which is devised for the betterment of the work we install in our laundry. We are constantly adding new devices, improved methods, doing even the littlest things which will help toward the advancement of the business. It's only by constant study and watchfulness that anything or any business can improve itself, and the utmost scrutiny along all lines is exercised in the conduct of the laundry. Do you wonder that we lead? Medford Domestic Laundry

Easter You will need a new Suit. A new Hat or a new pair of Shoes for EASTER. We have the goods. The quality is right and the price is within your means. WE OPERATE THE LARGEST CHAIN OF SAMPLE STORES IN THE NORTHWEST. Real Bargain Store 365 Days in the Year Why? Because we buy for cash, in large quantities, in the best markets of the country. Men's Suits \$12.50 \$14.50 \$16.50 \$18.50 Hats \$1.00 \$1.65 \$1.95 \$2.25 \$2.45 \$2.85 Suit Cases from \$1.25 to \$7.50 Shoes Men's Dress Shoes \$2.95 to \$4.75 Men's Work Shoes \$1.95 to \$4.65 Ladies' Shoes \$2.45 to \$6.50 Ladies' Sample Shoes \$1.85 to \$3.25 Ladies' Sample Oxfords 98c to \$2.45 Men's Sample Oxfords \$1.95 to \$3.85 Boy's Shoes \$1.65 to \$2.95 Children's Shoes \$1.65 to \$2.95 Infant's Shoes 50c to \$1.75 218 East Main St. Medford Sample Store 218 East Main St.