# Hunt Bros. Packing

Salem, Oregon

Quality Fruits, Proper growing, Proper packing, Intelligent selling, Courteous treatment, Community service,

Are the steps to business

DEHYDRATED and CANNED FRUITS AND VEGETABLES

**Oregon Products** 

King's Food Products Company

Salem-Portland-The Dalles

# SELLING SALEM DISTRICT

Devoted to Showing Salem District People the Advantages and Opportunities of Their Own Country and Its Cities and Towns.

The Way to Build Up Your Home Town Is to Patronize Your Home People

The Surest Way to Get More and Larger Industries Is to Support Those You Have

Selling Salem District is a continuation of the Salem Slogan and Pep and Progress Campaign

This campaign of publicity for community upbuilding has been made possible by the advertisements placed on these pages by our publicspirited business men---men whose untiring efforts have builded our present recognized prosperity and who are ever striving for greater and yet greater progress as the years go by.

Give Our Best **Efforts** 

We Will

Oregon

Why suffer with Stomach Trouble when Chiropractic



Your Health Begins When You Phone 87

for an appointment Drs. SCOTT & SCOFIELD

Hours 10 to 12 a.m. and 2 to 6 p.m.

Gideon Stolz Co. Dependable Brand
Lime-Sulphur Solution
The brand you can depend
on for purity and test Prices upon application Factory near corner of Summer sand Mill St. Salem, Oregon

#### Willamette Valley Prune Association

The oldest Association in the Northwest. W. T. JENKS ecretary and Malayer

Trade & High Sta.

### NELSON BROS.

and gravel roofing, general job-

### DIXIE BREAD

Dixie Health Bread Ask Your Grocer

Always Ride the Safe and Tickets Save Time

Sold in strips of 5 for 30c Southern Pacific Lines

# FOR YEARS **AND YEARS**

STATESMAN **PUBLISHING** 

## ACTUALLY MINING AND TREATING AND SHIPPING ORE AT LOTZ-LARSEN CAMP

Two Men Who Have Persevered and Planned and Plugged will-o'-the-wisp of the teverish imand Dreamed and Worked With Their Tired Brains agination of the writers of minand Their Bare Hands for the Goal That Is Now Not influence the sales of stock. They Only in Sight, But in Process of Realization—Starting are now ready to mine, treat and the Golden Stream That Will Swell With the Years this business from now on: or

Lotz-Larsen Mining company, was new ways to get the precious and in Salem on Tuesday, on his way from Portland to the mines, after a business visit in the metropilis

will go to the mines in June. progressing favorably in their bly as soon as the roads dry up. The their progress; their machinery to have since paid \$22,000,000 in and equipment, and their methods of treating their ore, from a reading of the well written communication of Mr. Lotz in this issue.

They Have Persevered Mr. Lots and A. C. Larsen, the best schools both scholastic and stantly in sight, though seeming the mining world, which is con-

#### SCREEN DOORS

Wire Screen, Screen Hardware, Screen Enamel and paints will brighten up and preserve your old screens.

> Falls City-Salem Lumber Co. 349 So. 12th St. Phone 813 A. B. Kelsay, Mgr.

### Ed. CHASTAIN **CLOTHING CO.**

305 State St.

Men's and Young Men's Clothing and Furnishings Use my stairs. It pays

SALEM IRON WORKS

Founders, Machinists and

## HOTEL BLIGH

A Home Away From

copper property which is reported dividends. Mr. Lotz is a registered mining engineer under the Oregon laws. Both Mr. Lotz and Mr. Larsen have for seven long years stuck together and worked together-worked with their bare an who is associated with him hands at every manual task of in the operations on the Little which there are so many about a North Fork of the Santlam, at developing mine. They have planthe mouth of Gold creek, have cer- ned together and kept on the job, tainly shown their faith by their through all the seasons; meeting works. They are both high class discouragements and sharing the responsibilities of mistakes togethis a man of education and refine- er - but each time and always ment, and Mr. Lotz is an eminent coming back and coming up smilmining engineer, a graduate of the ing; with the ultimate goal con-"hard knocks" and he keeps distant often-that goal the makabreast of the latest things in all ing of a paying mine in a pros perous camp; pouring untold wealth for generations into the lap of the valley and the channels of trade of the cities which their properties overlook, up there in the shadows of Mt. Jefferson, some seven miles as the crow flies from the backbone of the Cas-

No Ignis Fatuus But the light of day dawns. with only one large fly in the ointment. That is the need of a road that may be used the year thru from Elkhorn to the railroad at Lyons—the part that is a Marion



W. W. ROSEBRAUGH

Foundry and Machine Shop 17th & Oak Sts., Salem, Or. Phone 886

We are Out After Two Millions We are now paying over three quarters of a million dollars a year to the dairymen of this section for milk;

"Marion Butter"

MARION CREAMERY & PRODUCE CO. Salem, Ore. Prone 2488

#### Salem Carpet Cleaning and Fluff Rug Works Rag and fluff rugs woven any sizes without seams. New mattresses made to order. Old mattresses remade. Feathers renovated. I buy all kinds of

old carpets for fluff rugs. Otto F. Zwicker, Prop. Phone 1154

solid rock road that will bear heavy loads every day in the year. These men have now proved that they have been following no ignis fatuus. They have developed and equipped a real mine. It is no this business from now on; or from a few days hence onward, indefinitely, and increasingly, when the county road is dry-but H. H. Lotz, president of the stantly in search of and finding they need a rock road over that stretch; and they should have it. useful metals from their hidden Marion county ought to provide it. inquiry, wrote the following to range. The ore deposits are in this may be done. He is a graduate of the Butte imagining of the brain tricked by school of Mines; has had 20 years the eye. That is a real mining make more full the record of facts sitic laves and tuffs. The veins a fairly COMPLETE INVESTIGA-

world the way to a vast store of wealth; that is now ready to pour out its constant and ever swelling golden stream-with a few thousand tons of rock on a properly drained stretch of county road the chief remaining obstacl to certain well considered and planned and manifest progress.

An Interview In talking with a Statesman re porter in Salem on Tuesday, Mr

Lotz gave substantially the following information concerning the operations at the Lotz-Larsen

The expression "good mines are not found in places fit for habitation, and in places easily accessi ble," is not always true. Among the many that could be placed in this group, that are easily reached close to civilization, is that of the Lotz-Larsen Mining Co. This property consists of 34 claims, lying in range 4 and 5 East, Town 8 South, Willamette Meridian, in the Lester Mining district, on the Little North Fork of the Santiam river, Marion county, state of Oregon, 52 miles south and east of Salem. 22 miles from Lyons where it is reached by the C. & E and is accessible by a good mountain road with a practical water grade the entire distance.

The mines takes its present name from the men who are now at its head, and who have devoted their entire time and money to bring it to its present stage of productiveness. However, they are not the original discoverers. This property, in the early days, produced \$16,000 in gold dust, and these present veins, or faults, were discovered by these early miners who discovered that it was a base ore, and, for that reason, it was passed up. It has been held and relocated at different times by different prospectors, until it has fallen into the hands of the present owners. The men who first feel elated; they were disgusted

Agreeable Place to Live We have an agreeable place in property is situated on an elewith the Little North Fork of the Santiam river. It is situated on the western slope of the Cascade angles from the main mountain range. The air is balmy, and is empered by the sweet smelling very healthful. A good deal of snow falls on the ground in winter, but seldom lies there, and the cold is never excessive. The drinking water is the finest in the world; comes bubbling out of the further expect to be able to handground from springs, a sparkling, refreshing drink. The mountains are rugged and percipitous. The aide hills are covered with a virgin growth of pine, cedar, hem
further expect to be able to handpick and sort at least three to five tons a day, ahat can be shipped without milling.

(Continued on page 3)

further expect to be able to handpick and sort at least three to for most of these mines is the ore
of metallurgy, or treatment.

Has Faith for Future

(Continued on page 3)

# public road. Above Elkhorn the miners have hewed their own road out of the side of the mountain—a THE FAITH OF AN EXPERT IN THE FUTURE GREAT SANTIAM DISTRICT

Words of the Consulting Mining Engineer of the Bureau of Mines and Geology, State of Oregon, in a Letter to enter Oregon and lead the way. Written to The Statesman-He Says He Has Great by some of them, but the shortage

State of Oregon, in response to an up a large part of the Cascade IN THE NEXT YEAR OR TWO Again, this is no jack-o'-lantern The Statesman, and this letter is silicified and mineralized fracture

> les are of the same type and ori- silver in the oxidized ore. in as the other districts on the west side of the Cascade range. he North Santiam district, Quartzville, Blue River, Bohemia

ock and larch. The district being part of the original Santiam forest reserve, has been a great fishing district, but being so easily reached by auto, has been fished out. Some wild game abounds; there being grouse, deer, elk, bob cats, wild cats, martin, mink and

a few timber wolves. No doubt this history of this camp will be similar to all other ections. The men who have done most of the hard work today are minor owners of this proposition, A. C. Larsen and H. H. Lotz, the original owners, have divided their interests to secure finance to develop the property, until today they only control the work at the mine, but do not control the stock. They have associated with them a number of stockholders, who are good sound business men Among them, T. R. Ratcliffe, Bert and Rowell Frank, N. A. Heckman, J. A. Lathrop, W. M. La Force, and others.

Real Accomplishments The road is a mountain road, and, when it is dry, is very good. There are a few sharp pitches, but coming to the mine the most of it or concentrates to a zinc treatis a water grade. The company today has installed water power, bas constructed and nearly ready ing plants. to run a 50-ton concentrating mill. Here the ore is to be brought from the mine to the mill, by oneway cable. The bucket will have discovered this copper ore did not a capacity of 500 pounds; will work on a one-inch cable, and will and left the camp. However, I be handled by % inch cable come-have disgressed somewhat from back line. The power for running what I started out to say. back line. The power for running the same will be a 6 h. p. motor. At the mill, the ore will pass over We have an agreeable place in a sorting table, then through a which to live. The L-L M. Co's Downie crusher, where it will be crushed to 11/2 inch size. Here ration of 1900 feet at the mouth it will pass on to 14 rolls, where of Gold creek, where it conflexes it will be crushed to ¼ inch size then it is carried by an elevator back to the top of mill, where it passes through a trommel or classifier; the oversize going back marketable form. to the rolls for re-grinding, and the other passing through the figgs, and on over the tables. Later, we expect to put in flotation, as our ore is amendable to flotation. It is expected we will be able to put five tone of raw ore

into one ton of concentrate. This

sulting mining engineer of the tricts are almost entirely Cascades

Marion county include the North from the surface weathering has districts. antiam or Elkhorn district and broken down and dissolved the the properties on the headwaters sulphide minerals, leaving most LOTZ-LARSEN MINING of the Molalla river. The ore bo- of the gold and a large part of the The mills erected in the past

in these Cascade districts have which extend from the Ogle moun- been stamp mills with amalgamatain mine on the north through ing plates upon which 50 to 60 per cent of the gold in the ore mills also had a few concentrating tables which recovered a portion of the sulphides in the ore after it had passed over the plates.

was reached. The gold in the sulphide ores did not amalgamate as hievement. well as in the oxidized ores above. The recovery per ton in practically all of these properties dropped below the cost of mining and milling and consequently these plants were forced to close. The above is essentially the history of all of the operating mines in these districts The metalkurgy, or milling methods of the time when this occurred had not advanced suffivariably occurred immediately becomplex ores has taken place since that time. The difficulty largely May 29, 1923. lies in the fact that smelting requirements are entirely different for zine than for lead or copper. and lead smelting is also some what different than copper smelting. We must send our zinc ores ment plant, and we also have lead smelting plants and copper smelt- Pants the Hart.'

The Present Problem The problem, then, at the mine where we have these mixtures of sulphids is to separate zinc sullead sulphides, each from the other. This cannot be successfully accomplished upon the old style of concentrating table The method which has come into use in the last few years and which is being improved from day to day is that of flotation, and the special application of flotetion to the separation of sulphides from each other is called preferential flotation. The products from this process are then in a

Another method which is being applied at or near mines, in some cases by the mining companies themselves, is that of roasting. leaching, and electrolytic recovery of the metals. This has been developed especially in the recovery of zinc.

has been the laboratory test. We It is evident from the above

I have a great faith in these

districts in the Cascades, providing strong, individual companies can be induced to take over some of the best properties and develop the ore bodies and the processes in a throughgoing, competent sort of way. This Bureau has tried to induce some of the companies, which are handling sucto enter Oregon and lead the way. It has been under consideration of labor, the high cost of materials, and the great uncertainty of commercial conditions in the met-(About two years ago, on Feb., and other districts in Douglas al mining industry, which has pre-28, 1921, A. M. Swaftley, con- county. The rocks in these dis- vailed up to the present time, has prevented us from engaging their Bureau of Mines and Geology, andesites and tuffs which make interest. WE HOPE THAT WITH

With this end in view, it is incorporated in this number to zones cutting through these ande- our purpose next spring to make where Mrs. Lotz and their children of practical mining experience; is district, and capable of vast deare spending the school year. They the man who first discovered cop- velopment. The metals are there front door a great undeveloped ture zones are frequently of great and other ore deposits in the an-Mr. Lotz reports that work is which have since produced proba- value; and it would be good bushighlands, and he has had the ex- that stretch of road; it is due to in the mining world able and anx- (iron sulphide), chalcopyrite presented to those who have the perience of being "froze out" of a the men who have shown the lous to do the things which Mr. (copper and iron sulphide), sphal- capital and the ability to do this Swartley says ought to be done, erite (zinc sulphide), and galena work successfully, and also for Tollowing is the language of the (lead sulphide). These sulphides the interest and information lot Just a Couple, of Poultry usually contain considerable gold those who have spent their money The metal mining resources of and silver. At varying depths and efforts in developing these

#### PROPERTIES IN GOOD SHAPE, AFTER 7 YEARS (Continued from page 1)

years of hell, will not succeed but lie them down to die. This is our toes before they sprout. If ther exact position on the Santiam.

The Breed That Succeeds We are of this breed that you experiment station. cannot stop, and if we are compelled to even educate and build a new psychology, here in Salem At comparative shallow depths and vicinity, we will do so. We n these mines the sulphide zone will build a psychology of future hope and enjoyment in our ac-

No longer will you cry "don't any poultry supply house or the nine," but the cry will be "mine." larger feed and seed stores.—O. A. mine," but the cry will be "mine." And produce greater mines and C. experiment station. greater mining enterprises, and our property will help make your property; our business will help make your money; our money will trade, and will be as a new oil of these cull hens to neighbor to your present machinery. Dol- and their town trade through the ciently to successfully treat these complex ores, which almost invariably occurred immediately belars will come for taxes and dollow the oxidized zone. Great ad- happy community. Very truly

HARD ON LUNGS

A story is told of a well-known stract Forms, Bill of Sale, ducting his choir practice, the an- Installment Notes, General them under treatment being "As Power of Attorney, Prune B

short of breath and consequently did not sustain the notes long use. Prices range from 2 cents i

no longer, the organist called out: Stop, stop, gentlemen. Your Statesman Publishing Co., Sa pants are far too short."-Chica- Oregon at business office, gr

# SILVER KING COPY

The Slogan editor had and copy for a good scription of the Silver moment, last night, it found that this copy been misplaced. This very much regretted, h cannot be helped. T copy and these cuts will a pear in The Statesman S gan pages of next Thurs

SLOGAN EDITOR.

# I HUITI IIIL U. R.

Pointers and One on Planting of Potatoes

Potatoes for the late planting re best if kept in a cool place avoid excessive sprouting. A corproper method of handling po are sprouted badly a half hour

Cockerels caponized this month and next should make profitable winter if grown properly. A cap-onizing set will cost from \$3.50 to \$7.50, and may be bought from

#### LEGAL BLANKS

One hundred and fifteen differ ent forms, including: Contract Sale, Road Notice, Will Form Assignment of Mortgage, gage forms, Quit Claim Deeds, Al

and Pads, Scale Receipts, etc. These forms are carefully pared for the Courts and Priv.

At last, when he could stand it books from 25 to 50 cents. Printed and for sale by

