

PORTLAND BUSINESS DIRECTORY

Please Mention This Paper When Answering These Advertisements.

SEIBERLING-LUCAS MUSIC CO.
MUSIC, PIANOS, VICTROLAS, BAND and ORCHESTRAL INSTRUMENTS.
Send for Catalogues.
125-7 Fourth St., Portland's Big Music Store.

NA-PEER TIRES one size only 30X3 1/2
MADE OF FIRST GRADE RUBBER
Dealers Write for Special Proposition
PORTLAND RUBBER MILLS, PORTLAND, ORE.
\$19.00

CANADIAN WHEAT FARMS
Produce finest quality No. 1 hard wheat, grass lands produce finest fat cattle at lowest cost. Mixed farming success by producing grain, hay, cattle, hogs, and sheep. Failures unknown. Price for improved farms cropped and ready to crop, \$15.00 to \$40.00 per acre. Easy terms offered on both improved and unimproved farms. This is strictly a farmers' co-operative company, owned, controlled and operated by 38,000 farmer shareholders. A demonstrated success proven by 12 years' experience.
THE UNITED GRAIN GROWERS SECURITIES CO., LTD.
Pacific Coast Representative, 624 Henry Bldg., Portland, Ore.

BROOMS Keep the Northwest Prosperous by using Northwestern Made Goods.
ZAN BROS., Inc.

Hotel Alder Rooms \$1 per day and up. Special monthly rates. Out-of-town visitors made to feel at home. Southern Pacific electric train depot in same building. J. W. BUSHONG, Manager.
255 Alder St., cor. 4th. - PORTLAND, ORE.

SACKS FOR SALE Potato, Onion and Grain Sacks. Lower Prices.
L. SHANK & CO., 312 Front St., Portland, Ore.

LAHER AUTO SPRING CO. You Can't Break 'Em!
Get Springs with written guarantee for year. 15,000 Springs in Stock. Portland, Ore.

Orpheum THE BEST OF VAUDEVILLE Presenting at all times the Biggest American and European Novelties.
Every SUN, MON, TUES, WED, MAT. Daily, 10c to 50c. Nights, 10c to \$1.00

'L' Cafeteria BEST PLACE IN TOWN TO EAT
We especially invite out-of-town visitors to give us a trial. We will make you feel at home.
Sixth and Alder Streets. PORTLAND, ORE.

CONLEY'S USED CAR CENTER 127 Lowndale Street.
We will pay you cash for late model cars or sell them for you. Remember the place—Brick Building, at intersection of Wash., 15th and Burnside.

GENUINE FORD PARTS TALBOT & CASEY, Inc., Authorized Ford Dealers
When in town, bring your Ford to us. Exceptional repairing facilities by first-class Ford mechanics. Magneto re-charged in car while you wait. Try us for parts. No. 1 Grand Avenue, Portland, Or.

We Will Rent You an Auto City Garage
and You Drive It Yourself. REASONABLE RATES. Also general garage business.
FEARING & ROBBETT
86 Tenth St., near Stark.

F. FRIEDLANDER CO., Jewelers. ESTABLISHED 1870
Expert Watch and Jewelry Repairing. Mail Orders Given Immediate Attention.
310 Washington, between 5th and 6th Sts. PORTLAND, OREGON

You Will Feel Right at Home. Beautifully Furnished Rooms.
Safe Central
\$1.00 Without Bath
\$1.50 With Bath
Weekly Rates
Monthly Rates
NORTONIA HOTEL
11th and Stark, PORTLAND, ORE.
Excellent Cafe and Roof Garden

Top at The Portland Hotel when in Portland. Rates \$13 up. In the Heart of the City. Richard W. Schmidt, Mgr.

Mark Your Shipments to We Pay Cash for DAIRY BUTTER, Cream, Eggs, Live POULTRY.
Harwood Co.
PORTLAND, ORE. Write for Prices and Tags

THE WORLD'S BEST SILOS The Tung Lox
Easy to erect—low in price—ill last a lifetime. This is the Silo that practical farmers say is the Best Silo in the World.
Send for full information
COLUMBIA DAIRY SUPPLY CO.,
92-94 Front St., Portland, Oregon

SEE THE IZARD Generator making pure Gas from Coal Oil. Fits any stove or range. Has no equal for cooking, heating, furnaces, etc. Easy to operate. No dirt, soot or odor. AGENTS WANTED
IZARD GAS HEATING CO.,
193 Fourth St., Portland, Oregon

J. C. ENGLISH CO.
Electric Washing Machines Sold on Easy Terms.
148 Fifth St. Portland, Ore.
Second Floor between Morrison and Alder.

GIRLS! For Cultivating Long, Beautiful Eyelashes and Eyebrows nothing can compare with "LASHE," at all Druggists.
ORIENTAL LABORATORIES, Portland, Ore.
EVERYTHING FOR THE OFFICE
OFFICE FURNITURE & APPLIANCES
PRINTING - ENGRAVING - BOOKBINDING
KARSHALL 6090
46348

TRU-BLU ENGLISH STYLE BISCUIT
The Dainty Cakes for Dainty Luncheons Serve 'Creole Creams'

Each Works to Same End. The ease, the luxury, and the abundance of the highest state of civilization, are as productive of selfishness as the difficulties, the privations, and the sterilities of the lowest.—Colton.
Daily Thought.
There is no man so good, who, were he to submit all his thoughts and actions to the law, would not deserve hanging ten times in his life.—Montaigne.

Indian Tailor Bird. A very curious nest is made by the tailor bird of India, a tiny yellow creature. To escape snakes and monkeys this bird takes a dead leaf, flies up into a tree, and with a fiber for a thread and its bill for a needle sews the leaf to a green one hanging from the tree. The sides are sewn up, an opening for the nest thus formed being left at the top. The leaf, apparently hanging from a twig, would never be taken for a nest.

ACCORDION PLEATING
Shirts pleated any style, \$1.99. Hem-stitching, 10c per yd.—Buttons covered. Eastern Novelty Mfg. Co., 85 1/2 Fifth St.

AGATE CUTTERS & MFG. JEWELERS
Splendid service and a pleasing price. Jewelry repairing, watch repairing, via mail. Miller's, 255 Washington St., Portland, Oregon.

ARTIFICIAL LIMBS
Oregon Artificial Limb Co., Inc. Write for Catalog. 425 Wash St., Portland.
AUCTIONEERS—24 HAND FURNITURE
Ford Auction Co.—Auctioneers. We sell everything. 191 Second St., Portland.
AUTO ACCESSORIES
Motors, gears, bearings, wheels, axles, and trailers. We wreck all makes of cars and sell their parts at half price. David Hodas Co., N. Broadway and Flinders.
Motor Parts Mfg Co., 325 Burnside St. Parts for all cars at half price.

Classy Bug Bodies Prices—\$85 and up.
Burness & Martin
15th & Alder sts., Portland

CARPET WEAVING AND CLEANING
Pluff Rugs From Old Carpets
Rag Rugs, all sizes. Mail orders prompt. Send for Booklet.
9x12 Rugs, Steam or Dry Cleaned, \$1.50.
WESTERN FLUFF RUG CO.
54-58 Union Ave. N. East 9516, B-1475
BUILDING MATERIALS
SHOPPE BRICK CO., race and mantle brick a specialty. Phone East 1835; Residence, East 1797. 361 1/2 E. Morrison St., Portland, Ore.
We will gladly make estimates.
Send for free booklet on Septic tanks. P. L. Cherry Co., 271 Hawthorne Ave., Portland, Oregon.

CITY AND FARM PROPERTIES
We protect your interests. Farms, timber, acreage, city, exchanges. Gilson Realty Co., 431 Ch. of Commerce, Main 6137.
CLEANING AND DYEING
For Reliable Cleaning and Dyeing services send parcels to us. We pay return postage. Information and prices given upon request.
ENKE'S CITY DYE WORKS
Established 1899 Portland

DOORS AND WINDOWS
We can sell you Doors, Windows, Roofing, Paint, Glass and Builders' Hardware, direct at wholesale prices. Write for prices before buying. Heacock Sash & Door Co., 212 First St., Portland.
DRUGS BY MAIL
Anything in Drugs, Rubber goods, Toilet Articles, etc. We pay postage. Satisfaction guaranteed. Joe M. Riccio, 265 1/2 St., Portland.
Send to us for anything in Drugs, Rubber Goods, Trusses, etc. Postage prepaid. Plummer Drug Co., 260 M St., Portland.

FARM LEASES
For any time desired and lowest current rates. Wm. McMaster, 331 U. S. National Bank Building, Portland, Oregon.
HIDES, WOOL, TALLOW
BISSENGER & CO., P. O. Box 4378, 148 to 154 13th St. N., Cor. Irving, Portland, Ore. Main Office, San Francisco. Branches: Seattle, Spokane, Boise, Salt Lake, Reno, Billings, Missoula, Vancouver, B. C.

HEMSTITCHING
K. Stephan, hemstitching, scalloping, braiding, accordion sides, plain buttons covered, mail orders. 213 Pittcock block.
HIDES, WOOLS & CASCARA BARK
We pay highest prices. Write us for quotation. Kahn Bros., 195 Front St.

MONUMENTS
PORTLAND MARBLE WORKS
204-206 Fourth St.—New Bros.
OPTOMETRIST AND OPTICIAN
GLASSES AT A SAVING.
Patronage solicited on basis of capable service and reasonable charges. Thousands of satisfied patrons. A trial will convince. Chas. W. Goodman, optometrist, 209 Morrison, Portland, Oregon.

PHYSICAL THERAPEUTICS
Dr. R. A. Phillips, 906 Broadway Bldg. Disorders of the stomach, liver, kidneys, bowels, prostate, high blood pressure and female disorders.
PLUMBING & PLUMBING SUPPLIES
We can supply you with any kind of plumbing supplies at wholesale prices. We will gladly estimate cost of any job. Write for prices.
STARK-DAVIS CO.,
212 Third St., Portland

MEN WANTED
For Paper Mill work. No experience necessary. 8 hours work 45c per hour. Opportunity for advancement. Single men preferred. Splendid new hotel, meals 35c, rooms 35c. Apply
Crown Willamette Paper Co., Camas, Wash.

A Moderately-Priced Hotel of Merit
HOTEL CLIFFORD
East Morrison St. and East Sixth
\$1.25 per Day. Two in a Room, \$1.75.

KEWANE WATER SYSTEMS
and Electric Lighting Plants, make life worth living on the farm. Easy to install and operate. M. D. Spencer, Distributor, 333 East Morrison, Portland, Oregon.

THE BEST EATS IN THE CITY
St. Nicholas Cafeteria
125 Sixth Street, Portland, Oregon.
See what you want and pay for what you get.

BEEMAN GARDEN TRACTOR
and Walking Engine \$285.00 at the factory

Perfected After Years of Testing and Improving.
A One Horse Motor Cultivator and an All Purpose 4 H. P. Power Plant that Goes from Job to Job on Its Own Power.
WENTWORTH & IRWIN, INC
Second Street at Taylor
PORTLAND, OREGON

Your Eyes Granulated Eyelids, Eyes inflamed by exposure to Sun, Dust and Wind quickly relieved by Murine Eye Remedy. No Smarting, just Eye Comfort. At Your Druggists or by mail 60c per Bottle. For Book of the Eye free write
Murine Eye Remedy Co., Chicago.

New Houston Hotel
Sixth and Everett Sts., Portland, Ore.
Four blocks from Union Depot. Two blocks from New Postoffice. Modern and comfortable. Over 100 outside rooms. Rates 75c to \$2.00.
CHAS. G. HOPKINS, Manager.

DR. ELNA BORENSEN, 503 Panama Bldg. Drugless methods, stomach, kidneys, rheumatism, constipation, liver trouble.
PORTABLE DRAG SAW
Most highly improved Drag Saw on the market. Has the only real and practical clutch. Write for particulars and special prices. BEAVER MOTOR PRODUCTS CO., 246 Hawthorne Ave., Portland.

PERSONAL
MARRY IF LONELY, for results, try me, has and most successful "Home Maker"; hundreds rich with marriage soon; strictly confidential; most reliable; years of experience; descriptions free. The Successful Club, Box 56, Oakland, Calif.
PAINTS AND WALL PAPER
Write us for prices. Pioneer Paint Co., 186 First St., Portland.
PLATING—NICKEL AND SILVER
Write for prices—we pay return postage on small parcels. California Plating Works, 214 1/2 St., Portland.
SANITARIUMS
WHY THE MILK CURE? Ask the Moore Sanitarium. An institution devoted to doing one thing well. Office 908 Selling Building, Portland, Oregon.

PORTLAND
Go with the crowd to the Abington Bldg., Portland to buy, sell or exchange Real Estate. Frank L. McGuire.
SANITARY BEAUTY PARLOR
We help the appearance of women. Twenty-two inch switch or transformation, value \$1.00, price \$2.45. 400 to 412 Dekum Bldg.
SCHOOLS AND COLLEGES
EMORY BUSINESS COLLEGE
Wants Men. Women to learn the trade; positions waiting; send for catalogue.
MISS DECKER'S Private Business College. Alisky Bldg., 3d & Morrison Sts.
Hawthorne Auto & Gas Engine School, 462 Hawthorne Ave. Practical experience in overhauling and repairing every make of auto and gas engine. Oxyacetylene welding. Established 1907.

SILOS AND GRAIN BINS
The only exclusive Silo factory. No Hoops, No Nails, No Trouble. Stay Young Silo Co., 501 Dekum Bldg., Portland, Oregon.
TAILORED SUITS
Suits to order, \$10 down, \$5.00 per month. Unique Tailoring Co., 104 Fourth St., Portland.
TEACHERS' AGENCY
ROCKY MOUNTAIN TEACHERS' AGENCY. Frank K. Welles, ex-assst. State Supt., mgr. Portland, Or. Teachers placed promptly.

WALL PAPER—PAINT
At wholesale and retail. Mail orders promptly filled. Smith's Wall Paper House, 198-110 Second St., Portland.
Hardly an Ideal Citizen.

There is a story told of an ancient dandy in London who, taking, one sunny afternoon, his accustomed stroll down Bond street, met an acquaintance hurrying in the direction of Westminster. "Whither away so fast this hot day?" murmured the dandy. "To the house of commons," cried his strenuous friend, brushing past him. "What!" said the dandy, with a yawn. "Does that go on still?"—Exchange.

Gun Barrels.
A rather interesting side light on the question of gun barrel life is a determination of the actual length of time to which a good shotgun barrel is subjected to the force and burning effect of the powder charge during its lifetime. If 100,000 shots are fired from a shotgun the inside of the barrel is actually exposed to the flame of the powder charge for about four minutes.

Joy of Motoring.
No feeling in the world is equal to the thrill of real motoring. The joy of the long tour, through strange and out-of-the-way places is never ending. Odd scenes and quaint people are everywhere. Get out on the road, off the boulevard and see how the other people live.

First Thrift Day.
The first "thrift day" in America was August 11, 1915. That was the first time one special day was ever officially set aside for the purpose of encouraging attention to thrift. The day was celebrated in California as "thrift day" in response to a proclamation of Governor Johnson. The occasion marked the opening of the thrift congress, held at the Panama-Pacific exposition by the American Society for Thrift.—Thrift Magazine.

Mending Knives and Forks
To mend a knife or steel fork which has come out of the handle, fill the hole with finely powdered resin and hold the rough end of the knife or fork in the fire until it becomes hot. Insert it in the powdered resin and hold it straight until firmly fixed.

Uncle Eben.
"De man dat's makin' life a little happier for some one else," said Uncle Eben, "is doin' a heap mo' dan de folks dat measures success by wearin' fine clothes and actin' bossy."

Hurrah! How's This
Cincinnati authority says corns dry up and lift out with fingers.

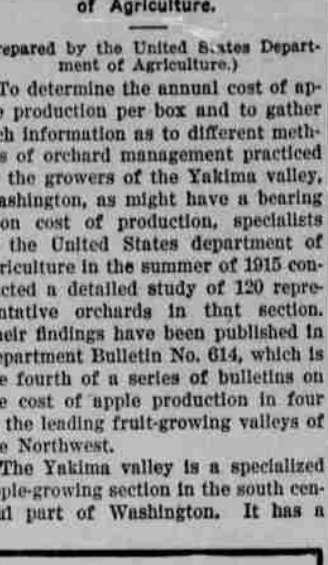
Cuticura For Baby's Itchy Skin
All druggists. Soap 2c. Ointment 25c. 5c. Sample each free of "Cuticura," Dept. E. Boston.

Are You Satisfied? **BEHNKE-WALKER BUSINESS COLLEGE** is the biggest, most perfectly equipped Business Training School in the Northwest. Fit yourself for higher positions with more money. Permanent positions assured our Graduates.
Write for catalog—Fourth and Yamhill, Portland.

MORRIS BROTHERS, Inc.
The Premier Municipal Bond House
MORRIS BUILDING, 309-311 Stark St.
Government and Municipal Bonds
PORTLAND, ORE.
Established Over Twenty-Five Years
Phone Bdwy, 2151.

COST OF PRODUCING APPLES
Problems of Fruit Growers Made Subject of Study by Department of Agriculture.
(Prepared by the United States Department of Agriculture.)
To determine the annual cost of apple production per box and to gather such information as to different methods of orchard management practiced by the growers of the Yakima valley, Washington, as might have a bearing upon cost of production, specialists of the United States department of agriculture in the summer of 1915 conducted a detailed study of 120 representative orchards in that section. Their findings have been published in Department Bulletin No. 614, which is the fourth of a series of bulletins on the cost of apple production in four of the leading fruit-growing valleys of the Northwest.
The Yakima valley is a specialized apple-growing section in the south central part of Washington. It has a

TAKE SALTS TO FLUSH KIDNEYS
Eat less meat if you feel Back-achy or have Bladder trouble.
Meat forms uric acid which excites and overworks the kidneys in their efforts to filter it from the system. Regular eaters of meat must flush the kidneys occasionally. You must relieve them like you relieve your bowels; removing all the acids, waste and poison, else you feel a dull misery in the kidney region, sharp pains in the back or sick headache, dizziness, your stomach sours, tongue is coated and when the weather is bad you have humatic twinges. The urine is cloudy, full of sediment; the channels often get irritated, obliging you to get up two or three times during the night.
To neutralize these irritating acids and flush off the body's urinous waste get about four ounces of Jad Salts from any pharmacy; take a tablespoonful in a glass of water before breakfast for a few days and your kidneys will then act fine and bladder disorders disappear. This famous salt is made from the acid of grapes and lemon juice, combined with lithia, and has been used for generations to clean and stimulate sluggish kidneys and stop bladder irritation. Jad Salts is inexpensive; harmless and makes a delightful effervescent lithia-water drink which millions of men and women take now and then, thus avoiding serious kidney and bladder diseases.—Adv.



Packing Apples in Yakima Valley.

larger acreage of fruit than any other county in the state, in 1914 there being 47,820 acres in fruits, of which 41,955, or 88 per cent, were in apples. In 1913 7,000 carloads of apples were shipped from this valley.
There are two systems of orchard management practiced in this section, the clean cultivation method and the mulch system. Of the orchards studied, 75 were under the clean-cultivation system and 45 under the mulch-crop system. It was found that the annual cost per box for the clean-culture orchards was slightly over 80 cents, while under the other system the cost was slightly over 79 cents. However, the orchards that were cultivated yielded on an average 54 boxes per acre more.
When the total of all costs of the 120 orchards studied was considered, there was found to be an annual average cost of \$345.98, or a fraction of over 80 cents per box. This is figured on the average annual yield of 432 boxes per acre. The two groups of costs which go to make up this total are the labor cost, which amounted to 35 cents per box, and the material and fixed costs, which amounted to a little over 45 cents per box. The labor cost up to the time of harvest amounted to a little over 14 cents per box, or 41.08 per cent of the total net labor cost. Spraying is an annual practice, the coding moth probably being the worst enemy. On an average, four sprayings were made per year and the average cost per acre amounted to \$25.14, less than 6 cents per box, 7.27 per cent of the cost of production.

Mentioned in the Bible.
Biblical mention is made of 19 different precious stones, 6 metals, 104 trees and plants, 35 animals, 39 birds, 6 fishes, 11 reptiles, 20 insects and other smaller creatures.
Uncle Eben.
"De man dat's makin' life a little happier for some one else," said Uncle Eben, "is doin' a heap mo' dan de folks dat measures success by wearin' fine clothes and actin' bossy."

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New Houston Hotel
Sixth and Everett Sts., Portland, Ore.
Four blocks from Union Depot. Two blocks from New Postoffice. Modern and comfortable. Over 100 outside rooms. Rates 75c to \$2.00.
CHAS. G. HOPKINS, Manager.

Refresh a Heavy Skin.
With the antiseptic, fascinating Cuticura Talcum Powder, an exquisitely scented, economical face, skin, baby and dusting powder and perfume. Renders other perfumes superfluous. One of the Cuticura Toilet Trio (Soap, Ointment, Talcum).—Adv.

Whosea Matter With You, Man?
"Why won't I do?" demanded the lady of 300 pounds displacement, as she indignantly waved the want ad section in his face. "Didn't you advertise for a stout woman to do housework?"—Indianapolis Star.

Remember One's Limitations.
In the moral world there is nothing impossible, if we put a thorough will to it. Man can do everything with himself; but he must not attempt to do too much with others.—Humboldt.

Not Fair Division.
We do not wisely when we vent complaint and censure. We cry out for a little pain, when we do but smile for a great deal of contentment.—Feltham.

It Doesn't Foller.
"Just because a man has a fertile brain is no indication that he can raise a lot of hair."

Daily Thought.
Time is generally the best doctor.—Ovid.

THE MAKING OF A FAMOUS MEDICINE
How Lydia E. Pinkham's Vegetable Compound Is Prepared For Woman's Use.

A visit to the laboratory where this successful remedy is made impresses even the casual looker-on with the reliability, accuracy, skill and cleanliness which attends the making of this great medicine for woman's ills.
Over 350,000 pounds of various herbs are used annually and all have to be gathered at the season of the year when their natural juices and medicinal substances are at their best.
The most successful solvents are used to extract the medicinal properties from these herbs.
Every utensil and tank that comes in contact with the medicine is sterilized and as a final precaution in cleanliness the medicine is pasteurized and sealed in sterile bottles.
It is the wonderful combination of roots and herbs, together with the skill and care used in its preparation which has made this famous medicine so successful in the treatment of female ills.
The letters from women who have been restored to health by the use of Lydia E. Pinkham's Vegetable Compound which we are continually publishing attest to its virtue.

P. N. U. No. 25, 1919