

PORTLAND BUSINESS DIRECTORY

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NA-PEER TIRES

one size only
30X3 1/2
\$19.00

Dealers Write for Special Proposition
PORTLAND RUBBER MILLS,
PORTLAND, ORE.

CANADIAN WHEAT FARMS

Produce finest quality No. 1 hard wheat, grass lands produce finest fat cattle at lowest cost. Mixed farming insures 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 SECURITY CO., LTD.
Northwestern Representative, 624 Henry Bldg., Portland, Ore.

BROOMS

Keep the Northwest Prosperous by using Northwest 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.
228 Alder St., cor. 4th. - 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

AL HEILIG THEATER
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

ORIENTAL CAFE

AMERICAN and CHINESE DISHES.
Service at all hours. Music and Dancing. Meet your friends here and enjoy your stay in Portland.
Upstairs, corner Broadway and Washington Sts.

FARM IMPLEMENTS

Cleveland Tractors, Studebaker Wagons, Iron Age hand garden cultivators and seeders, horse churns, potato planters, Brammer Bull, Doe auto tires, Tungsten spark plugs, Wade drag saws. P. E. Ebershade, 330 East Morrison St., Portland, Ore. Largest retailers in Northwest.
Send for Catalogue

'L' Cafeteria

BEST PLACE IN TOWN TO EAT
We especially invite out-of-town visitors to give us a trial.
Sixth and Alder Streets. PORTLAND, ORE.

CONLEY'S USED CAR CENTER

127 Lowndes 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.

AUTO Parts

The House of Parts and Accessories for Autos.
We will send you Parcel Post anything you may want for the Auto if it can be secured in the city.
LONG & SILVA, 462 Hawthorne, Portland, Oregon

GENUINE FORD PARTS

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 and service. TALBOT & CASEY, No. 1 Grand Avenue, Portland, Ore.
Authorized Ford Dealers.

Edith I. Phillips, Optometrist and Optician

450-451 Pittcock Block
Washington at West Park
Phone Broadway 1365
Portland, Oregon.

Grace Adams, Optometrist & Optician

Res. Phone, Tabor 8869
Fifth and Washington
Portland, Oregon

We Will Rent You an Auto and You Drive It Yourself.

FEARING & ROBBETT
REASONABLE RATES. Also general garage business.
56 Tenth St., near Stark.

DYEING, CLEANING

BROADWAY, DYE & CLEANING WORKS.
200 Broadway, Portland, Ore.

THE BEST EATS IN THE CITY

St. Nicholas Cafeteria

125 Sixth Street, Portland, Oregon.
See what you want and pay for what you get.

Make more Money Pull big stumps by hand

Clear your stump land cheaply—no digging, no expense for teams and powder. One man with a K can tip out any stump that can be pulled with the best inch steel cable.

Walter J. Fitzpatrick
Box C
112 Fifth Street
San Francisco California

STUMP PULLER

Write today for special offer and free booklet on Land Clearing.

BEEMAN GARDEN TRACTOR

and Walking Engine
\$285.00
at the factory

WENTWORTH & IRWIN, INC.

Second Street at Taylor
PORTLAND, OREGON

Retribution.

When the man who invented the slide trombone grew old and crippled and could not get away, retribution hounded him in the form of a neighbor who practiced on one of the blamed things every night. An evil deed is always repaid with an evil deed.

Masterpieces.

Masterpieces have never been produced by men who have had no masters.—Henry J. van Dyke.

Advantage Found at Last.

The Columbus Citizen has made a real discovery. "A short man looking up." It remarks, "sees farther than a tall man looking down."—Boston Transcript.

When You Want to Buy a Diamond

buy it from a reputable store. Jaeger Bros. are known as the leading diamond experts of Portland. See their Special \$100.00 Diamond.

JAEGER BROS., (Oregonian) 131-3 South S. Building Portland, Ore.

MR. BUSINESS MAN

Are you wanting to sell. We have buyers for general stores, groceries, confectionery, cigars, restaurants, etc. Send me description.

F. RIERDON, RITTER, LOWE & CO., 203-5-7 Board of Trade Bldg.

ACCORDION PLEATING

Skirts pleated any style, \$1.00. Hemstitching, 10c per yd. Buttons covered. Eastern Novelty Mfg. Co.
85 1/2 Fifth St., Broadway 2000

AGATE CUTTERS & MFG. JEWELERS

Jewelry and watch repairing. Miller's, 255 Wash. St., Majestic Theater Bldg.

ARTIFICIAL LIMBS

Oregon Artificial Limb Co., Inc. Write for Catalogue. 425 Wash. St., Portland.

AUCTIONEERS—2nd 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 Flanders.

LONG & SILVA

462 Hawthorne Ave. Auto Wreckers. We wreck cars and free good parts 1/2 list price. See us for Engines, Magneto, Carburetors, etc.

CARPET WEAVING AND CLEANING

Fluff Rugs From Old Carpets
Tag Rugs, all sizes. Mail orders prompt.

WESTERN FLUFF RUG CO.

54-58 Union Ave. N. East 6816, B-1475

BUILDING MATERIALS

Shope Brick Co., face and mantle brick a specialty. Phone East 1335; Res. East 1797. 361 1/2 E. Morrison St., Portland, Ore.

CITY AND FARM PROPERTIES

We protect your interests. Farms, timber, acreage, city, exchange. Gibson Realty Co., 431 Ch. of Commerce, Main 6127.

CLEANING AND DYEING

For reliable Cleaning and Dyeing service, send parcels to us. We pay return postage. Information and prices given upon request.

ENKE'S CITY DYE WORKS

Established 1890
Anything in Drugs, Rubber goods, Toilet Articles etc. We pay postage. Satisfaction guaranteed. Joe M. Rice, 255 1st St., Portland.

Send to us for anything in Drugs, Rubber Goods, Trusses, etc. Postage prepaid.

Plummer Drug Co., 260 M St., Portland.

FARMS WANTED

If you have a farm for sale write us, giving detailed description. We are specializing in the sale of farm lands. G. S. Smith, 300, Chamber of Commerce Bldg., Portland.

FARM TRACTS

Own a farm tract where everything grows year around; fine climate, boating, fishing, shell roads. It is in the heart of one hundred views of this wonderful country between Houston and Galveston. Easy monthly payments, over five hundred producing oil wells in sight. Company drilling on this property now. Write or wire today—3c sold out. Have parties who will place your tract on shares. Let me tell you about it.
W. E. COGDELL, Chamber of Commerce Bldg., Portland.

J. C. ENGLISH CO.

Electric Washing Machines
SOLD ON EASY TERMS.
148 Fifth Street, Portland, Oregon
Second Floor Bet. Morrison and Alder.

Mark Your Shipments to Highest Prices, Prompt Pay

Best Service.
CASH BUYERS OF Cream, Eggs, Poultry, Veal and Hogs.
Portland, Ore. Creamery and Offices, Front and Ankeny Sts.

EVERYTHING FOR THE OFFICE

OFFICE FURNITURE & APPLIANCES
PRINTING & ENGRAVING & BOOKBINDING

De Laval Separators

Everything for the Dairy, Creamery and Cheese Factory.
Distributors of JAMES LEARN EQUIPMENT
ACME FEED CUTTERS
ALPHA GAS ENGINES
EMPIRE MILKING MACHINES
Write for prices or information.
COLUMBIA DAIRY SUPPLY CO., Portland, Oregon
92-94 Front St.

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

Real Heart of Paris.

The Place de la Concorde is almost more the heart of Paris than the Place de l'Opera. In it the famous Rue de Rivoli ends and the Champs Elysees begins. It is the true termination of the Grandes Boulevards, for Parisians consider the Rue Royale as part of that celebrated chain of wide caled streets. It is one of the most important and by far the most beautiful of the many "places" from which the main streets of Paris radiate.

Kill Dandruff and Itching with Cuticura

Scag 25c. Clingment 25c & 50c

ELECTRIC MOTORS

Bought, Sold, Rented and Repaired
WALKER ELECTRIC WORKS
Burnside, cor. 10th. Portland, Ore.

BUY DIRECT

Do Your Own Plumbing
By buying direct from us at wholesale prices and save the plumber's profits. Write us today your needs. We will give you our rock-bottom "direct-to-you" prices, f. o. b. rail or boat. We actually save you from 10 to 35 per cent. All goods guaranteed.

STARK-DAVIS CO.

212 Third Street, Portland, Oregon

FINANCIAL MORTGAGE LOANS

For Mortgage Loans see OREGON INVESTMENT & MORTGAGE CO., 220-22 Chamber of Commerce Bldg., 4th and Stark, Portland Oregon.

HIDES AND JUNK

L. Shank & Co., 312 Front St. Pay full market values for hides, pelts, old rubber, metals, etc.

HIDES, WOOLS & CASCARA BARK

We pay highest prices—Write us for quotation. Kahn Bros., 135 Front St.

HIDES, WOOL, TALLOW

BISSINGER & CO., P. O. Box 4378, 148 to 154 13th St. N., Cor. Irving, Portland. Main Office, San Francisco. Branches: Seattle, Spokane, Boise, Salt Lake, Reno, Billings, Missoula, Vancouver, B. C.

OPTOMETRIST AND OPTICIAN

GLASSES AT A SAVING.
Patrons 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, 905 Broadway Bldg. Disorders of the stomach, liver, kidneys, bowels, colitis, 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

PERSONAL

MARRY IF LONELY: for results, try me; best and most successful "Home" made hundreds rich with marriage soon; strictly confidential; most reliable; years of experience; descriptions free. The Successful Club, Mrs. Purdie, Box 556, Oakland, Calif.

PAINTS AND WALL PAPER

Paints and auto finishes. Wholesale and retail. BOLLIS Wall Paper Co., 229 Morrison St.

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., 245 Hawthorne Ave., Portland.

PORTLAND

Go with the crowd to the Abington Bldg., Portland to buy, sell or exchange Real Estate. Frank L. McGuire.

ROAD STARTER

The new Ford Starter has arrived. Guaranteed to start any Ford at zero weather from driver's seat instantly. Demonstration 500 Burnside St., Portland. Distributors wanted. Price installed \$35.00.

SANITARIUMS

WHY THE MILK CURE? Ask the Moore Sanitarium. An institution devoted to doing one thing well. Office 908 Selling Building, Portland, Oregon.

SANITARY BEAUTY PARLOR

We help the appearance of women. Twenty-two inch switch or transformation, value \$2.00, price \$2.45.
409 to 415 Dekum Bldg.

SCHOOLS AND COLLEGES

EMORY BARBER COLLEGE
Makers Men, Women to learn the trade; positions waiting; send for catalogue.

MISS DECKER'S Private Business College

Albany 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 Road 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.

WALL PAPER AND PAINTS

Wall paper and paints. Wholesale and retail. BOLLIS Wall Paper Co., 229 Morrison St.

WANTED

Man with Ford and \$500 Capital to sell Kewanee Laid and Wash Systems good territory still open; write and give selling experience. M. D. Spencer, Distributor, 333 E. Morrison, Portland, Oregon.

Noted Colored Woman.

Sojourner Truth was a colored woman born in New York state, probably about the middle of the eighteenth century, as she was middle aged at the time of Washington's death, in 1799. That was not her real name, but she assumed it for reasons of her own. She was a slave all her life until set free by an act of the New York legislature in 1827, abolishing slavery in that state, July 4, 1827. Mrs. Harriet Beecher Stowe wrote a life of her.

Making It Work Both Ways.

Mr. Slowpay—"I shall bring you back those dark trousers to be re-seated, Mr. Murphy. You know, I sit a good deal." Mr. Murphy (tailor)—"All right, and if you'll bring back the bill I sent you six months ago I'll be pleased to receipt that also. You know, I have stood a good deal."

HAVE YOU A SWEETHEART

Son or Brother in camp or training for defense? So, mail him a pair of Allen's Foot Ease, the antiseptic Powder for Tired, Aching, Swollen Feet, and prevents blisters and sore spots. Makes walking easy. Sold everywhere, 25c.

Kill Dandruff and Itching with Cuticura

Scag 25c. Clingment 25c & 50c

ELECTRIC MOTORS

Bought, Sold, Rented and Repaired
WALKER ELECTRIC WORKS
Burnside, cor. 10th. Portland, Ore.

BUY DIRECT

Do Your Own Plumbing
By buying direct from us at wholesale prices and save the plumber's profits. Write us today your needs. We will give you our rock-bottom "direct-to-you" prices, f. o. b. rail or boat. We actually save you from 10 to 35 per cent. All goods guaranteed.

STARK-DAVIS CO.

212 Third Street, Portland, Oregon

Europe's Mecca

Paris is the Chief Point of Interest of All Allied Kings, Presidents, Princes, Ministers and Other Dignitaries.

Since the signing of the armistice Paris has become the Mecca of all allied kings, presidents, princes, ministers, generals and other dignitaries. Paris, to show fitting gratitude for the honor conferred upon her by these visitors, meets them at the little railway station at the far end of the Avenue de Bois de Boulogne, escorts them with full military honors up the avenue of the Arch of Triumph, and then under this and down the Champs Elysees.

Cordons of soldiers line both sides of the avenue and their hedge of fixed bayonets as they stand at salute while the distinguished guests pass quite naturally obstructs the view, to say nothing of the fact that back of the soldiers the crowds are massed for a depth of fifty to a hundred feet.

Everyone who possesses a stepladder, or who can buy or borrow one, brings it, hours in advance of the parade, to the wonderful Avenue du Bois de Boulogne and plants it at a vantage point where in spite of surging throngs and elevated bayonets they will be able to see the cortege.

One may see a thousand or more of these enterprising Parisians mounted on stepladders viewing the pageant.

Then once the cortege is passed the proud owners of the stepladders endeavor, like the Arabs with their tents, to fold them and silently steal away—but they don't get away with the silent part.

The efforts of a thousand people trying to get through a crowd of 15,000 people with 1,000 stepladders is such that—well, really there is nothing to be done except to rename it "The Avenue of the Forest of Stepladders."

MANAGEMENT OF THE INCUBATOR

Results of incubation depend largely upon the management of the machines, the first essential being good fertile eggs from thrifty breeding stock. Good hatches cannot be obtained from poor eggs, writes an authority.

Incubators should be tried out several days before eggs are to be put into them. See that all parts are in perfect working order and that the temperature runs regularly at 103 degrees Fahrenheit for several hours before placing the eggs in the machine.

Never put eggs into a cold machine nor one that is not in perfect regulation and running at proper temperature.

Eggs should be turned twice daily after the second day of incubation until the eighteenth day, when the machine should be closed after the last turning and not opened for any reason until the chicks are all out of the shell that are going to hatch, which should be by the middle of the twenty-first day of incubation.

Great quantities of moisture should be provided. It is not so important that the moisture be provided in the machine as it is to keep the air moist in the room where the incubators are in operation. This can be done by placing burlap on the floor and keeping it wet or by placing a layer of sand on the floor and keeping it thoroughly wet.

Incubators should be operated in a basement or some room that is well insulated, so that the temperature in the room can be controlled.

Incubators should be perfectly clean when receiving eggs. A good plan is to thoroughly wash all of the parts and disinfect the machine thoroughly and allow to dry before placing in the eggs.

Run the temperature as evenly as possible at 103 Fahrenheit throughout the period. Air the eggs often and as long at each airing as the temperature in the room will permit. Sixty degrees Fahrenheit is a good incubator cellar temperature.

Do not change regulator unless absolutely necessary. Keep the lamps clean. Keep an even flame. Keep the char off the wick. Use only good oil.

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Electricity Plays a Part in the Formation of Hail According to One Theory

The formation of hail through electric action, according to one theory, is an interesting and even wonderful process. The wind draws out a cloud into a long, narrow strip. In that form, owing to the great amount of surface exposed to the air, the cloud evaporates rapidly, producing intense cold.

Dry particles of snow are then formed and these, by friction with water drops, quickly become charged with negative electricity. But the water drops carry positive electricity, and since negative attracts positive a film of water is formed upon each snow particle and is instantly frozen into a layer of ice.

At this thickness its outer surface remains moist, the water not freezing so rapidly there, whereupon the electric charge changes from negative to positive and the particle is repelled by the water drops and driven to the outer parts of the cloud. Here the increased cold covers it with snow, and friction charges it anew with negative electricity.

Repulsion is now once more changed for attraction, and the particle rushes back into the cloud, receiving upon its surface another film of water, which is turned into a second ice layer.

Thus the growing hailstone darts zigzag through the cloud, piling up its alternate layers of snow and ice, until gravitation gains control and sends it with a jingling crowd of its fellows spinning to the ground.

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White Ants in the Soudan Dispose of Dead Vegetation

In Soudan Notes and Records a plan is made on behalf of the white ant, which has naturally acquired a bad reputation among European residents. The characteristic feature of the climate of the Soudan is the rapid growth of vegetation, promoted by seasonal rains or artificial irrigation, followed by a period of drought and desiccation. The white ant attacks vegetation only when it is weakened by drought or disease, and in that case the sooner it is destroyed the better. But for the activity of the white ant the whole of the fertile parts of the Soudan would, in a very few years, be covered with an impenetrable layer of dead vegetation; and the only alternative method to clear it off would be by the agency of fire, the dangers of which are obvious.—Nature.

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Declares Reading Is Like a Narcotic—Clouds Mind

The habit of reading for amusement becomes with thousands of people exactly the same kind of habit as wine drinking or opium smoking; it is like a narcotic, something that helps to pass the time, something that keeps up a perpetual condition of dreaming, something that eventually results in destroying all capacity for thought, giving exercise only to the surface parts of the mind and leaving the deeper springs of feeling and the higher faculties of perception unemployed. The result of all this reading means nothing but a cloudiness in the mind. That is the direct result. The indirect result is that that mind has been kept from developing itself. All development necessarily means some pain, and such reading as I speak of has been employed unconsciously as a means to avoid that pain, and the consequence is atrophy.—Lafcadio Hearn.

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