

# PORTLAND BUSINESS DIRECTORY

Mention your home paper when answering these advertisements.

**PORTLAND NON SKID FIBER SOLES RUBBER HEELS**  
Moisture Proof—Wear Longer Than The Average.  
PORTLAND RUBBER MILLS  
ASK YOUR SHOE DOCTOR.

**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. HUBBARD, Manager.  
235 Alder St., cor. 4th. - PORTLAND, ORE.

**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.  
Portland's Famous Grill

**'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.

**Orpheum** AT HEILIG THEATER 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

**TIRES** LONG-WEAR TIRES; PURE RUBBER. STRONGEST COTTON FABRIC. Surprisingly high mileage. Live responsible dealers. Write for exclusive territories.  
STANDARD TIRE & AUTO SUPPLY CO., 84 1/2 St. 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.

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

**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

**COLUMBIA RIVER SMELTS** Fresh, Frozen, Salt, Smoked. The Biggest Smelt in the State. See our daily quotations on fresh smelts in the Portland Journal under Town Topics. Frozen, 6c by express in 20-lb. boxes and over. Smoked and Kipped, 25c per lb. We handle everything in fresh, frozen, smoked, salt, and kipped fish. NORTHWEST FISH CO., Producers & Distributors, 205 Yamhill St., Portland, Oregon.

**Grace Adams** Optometrist & Optician. Res. Phone, Tabor 5869. Sweetland Building. Rooms 403-404-405. Fifth and Washington Portland, Oregon

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

**F. FRIEDLANDER CO., Jewelers.** ESTABLISHED 1870. Expert Watch and Jewelry Repairing. Mail Orders Given Immediate Attention. 210 Washington Between 5th and 6th Sts. PORTLAND, OREGON

**Edith I. Phillips, Optometrist and Optician** 450-451 Pittcock Block. Washington at West Park. Phone Broadway 1305 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

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

EVERYTHING FOR THE OFFICE. OFFICE FURNITURE & APPLIANCES. PRINTING—ENGRAVING—BOOKBINDING. MARSHALL 6080. **Waltham** FIFTH & OAK STREETS PORTLAND, OREGON. COMPLETE LINE OF STEEL FILING DEVICES AND SYSTEMS.

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

**GIRLS!** For Cultivating Long, Beautiful Eyelashes and Eyebrows. "LASHE," at all Drugists. ORIENTAL LABORATORIES, Portland, Ore.

JUST OUT—Complete History **America's War For Humanity** Including peace terms. 600 pages; 100 beautiful illustrations. Cloth bound, \$2.00; Buckram, \$2.50. Free literature; also large photo Wilson, Lansing. CRESCENT SUPPLY CO., 312 Sweetland Bldg. Agents Wanted

**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 rip out any stump that can be pulled with the best steel cable.

**Stump Puller** Works by leverage—same principle as a jack. 100 pound pull on the lever gives a 45-ton pull on the stump. Made of the best steel—guaranteed against breakage. Endorsed by U. S. Government experts. **Walter J. Fitzpatrick** 182 Fifth Street San Francisco California

Mark Your Shipments to **Hazard** Co. Highest Prices, Prompt Pay Best Service. CASH BUYERS OF Cream, Eggs, Poultry, Veal and Hogs. Creamery and Offices, Front and Ankeny Sts. PORTLAND, ORE.

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.,** (Original) 131 1/2 South St., 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, HUTTEN, LOWE & CO.** 203-5-7 Board of Trade Bldg.

**ACCORDION PLEATING** Skirts pleated any style, \$1.00. Hem-stitching, 10c per yd. Buttons covered. Eastern Novelty Mfg. Co. 85 1/2 Fifth St., Broadway 2690

**AGATE CUTTERS & MFG. JEWELERS** Jewelry and watch repairing. Miller's, 355 Wash. St., Majestic Theater Bldg.

**ARTIFICIAL LIMBS** Oregon Artificial Limb Co., Inc. Write for Catalog. 425 Wash St., Portland.

**AUCTIONEERS—2d HAND FURNITURE** Ford Auction Co.—Auctioneers. We sell everything. 191 Second St., Portland.

**AUTO BARGAINS** Used Buick roadster \$365. Powerful engine, two new tires, tools, etc. This bargain buggy good for 15,000 miles of hard country service. No self-starter to get out of order. Payments to suit responsible party. Western Newspaper Association, 219 Oregon Bldg., Portland, Ore.

**AUTO ACCESSORIES** Motors, gears, bearings, wheels, axles, and trailers. We wreck and make of cars and sell their parts at half price. David Hodges Co., N. Broadway and Flinders.

**MEET ME IN PORTLAND** At one of the most elegant Billiard Rooms in the Pacific Coast. Bowie & Caldwell's Second Floor Pittcock Block

**CARPET WEAVING AND CLEANING** Fluff 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 6516, B-1475

**BUILDING MATERIALS** Send for booklet on Farm Buildings of Denison Interlocking Tile. It is free. P. L. Cherry Co., 271 Hawthorne Ave., Portland, Oregon.

**FOR SALE** White Leghorn sitting eggs from Tanager's, bred-to-lay strain. Ninety per cent fertility guaranteed; \$2.00 per sitting; \$5.00 per hundred. **Everday Egg Farm, The Dalles, Ore.**

**CITY AND FARM PROPERTIES** We protect your interests. Farm, timber, acreage, city, exchanges. Gilson 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 Portland

**DRUGS BY MAIL** Anything in Drugs, Rubber goods, Toilet Articles etc. We pay postage. Satisfaction guaranteed. Joe M. Rice, 265 1st St., Portland.

**DRUGS BY MAIL** Send to us for anything in Drugs, Rubber Goods, Trusses, etc. Postage prepaid. Plummer Drug Co., 269 1st St., Portland.

Stop at **The Portland Hotel** when in Portland Rates \$12 up In the heart of the City Richard W. Childs, Mgr.

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

**De Laval Separators** Everything for the Dairy, Creamery and Cheese Factory. Distributors of JAMES BARN 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.

**Are You Getting All the Cream?** Send for our free Separator test. Just tear out this ad, and write your name and address on the edge of it. You may be feeding a lot of cream to the house. Our free book also tells about the wonderful close-skimming "Simplex." The one-piece link blade idea does it. Write today! The free information will be worth money to you.

**MONROE & CRISSELL** New Location, 91-93 Front St. PORTLAND, ORE

**SEE THE IZARD Generator** making pure Gas from Coal oil. Has no equal for cooking, heating, furnaces, etc. Easy to operate. No dirt, soot or odor. **AGENTS WANTED** IZARD GAS HEATING CO., 244 Washington St., Portland, Oregon

**FARM LOANS** On improved farms in Oregon—Long time if desired, and at lowest current rates. Wm MacMaster, 131 U. S. National Bank Bldg., Portland.

**FARM TRACTS** Own a farm tract where everything grows year around; fine climate, boating, bathing, fishing, shell roads. Let me send you 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—\$3 sold out. Have parties who will plant your tract on shares. Let me tell you about it. **W. E. COGDELL,** Chamber of Commerce Bldg., 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 Co., Chamber of Commerce Bldg., Portland.

**FINANCIAL MORTGAGE LOANS** For Mortgage Loans see OREGON INVESTMENT & MORTGAGE CO., 226-22 Chamber of Commerce Bldg., 4th and Stark, Portland Oregon.

**FOR SALE** Two 720-egg and two 500-egg Jubilee style incubators. Everday Egg Farm, The Dalles, Ore.

**HIDES, WOOLS & CASCARA BARK** We pay highest prices—Write us for quotation. Kahn Bros., 195 Front St. **HIDES, WOOL, TALLOW** **BISSENGER & CO.,** P. O. Box 4378, 148 to 154 21st 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, 505 Broadway Bldg. Disorders of the stomach, liver, kidneys, bowels, goitre, 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. **W. H. DAVIS CO.,** 212 Third St., Portland

**PERSONAL** **MARRY IF LONELY:** for results, try me; best and most successful "Home Maker"; hundreds rich wish 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. **BOLLS Wall Paper Co.,** 229 Morrison St.

Write us for prices. **Pioneer Paint Co.,** 186 First St., Portland.

**PORTLAND** Go with the crowd to the Abington Bldg. Portland, Ore. Buy, sell or exchange Real Estate. **Frank L. McGuire.**

**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 \$7.50, price \$2.45. 400 to 412 Dekum Bldg.

**SCHOOLS AND COLLEGES** **EMORY BARBER 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 Round 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. **BOLLS Wall Paper Co.,** 229 Morrison St.

**WANTED** Man with Ford and \$500 Capital to sell Keweenaw Light and Water Systems; good territory still open; write and give selling experience. M. D. Spencer, Distributor, 333 E. Morrison, Portland, Oregon.

**VEAL AND PORK WANTED** 228 Alder St., Portland, Ore.—Mar. 13. We pay 23c for top block pork. We pay 20c for top young veal. We pay less for inferior stuff. We pay no charge commission. **Frank L. Smith Meat Co.** "Fighting the Beef Trust."

**Mean.** Said the almost philosopher, "The fellow who married for money instead of love couldn't be persuaded to do it again for love or money."

**Always the Way.** The Perfect Husband is always married to some other woman and the Perfect Wife is always married to some other man.—Cincinnati Enquirer.

**Anyway, It's No Use.** "De man dat's always kickin'," said Uncle Eben, "ain't got any real trouble on his mind. When real trouble comes you is generally too stunned to kick."

**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. a. b. rail or boat. We actually save you from 10 to 50 per cent. All goods guaranteed. Northwest Headquarters for Leader Water Systems and Fuller & Johnson Engines.

**STARK-DAVIS CO.** 212 Third Street, Portland, Oregon

# FARM POULTRY

## HOW TO OPERATE INCUBATOR

Machine Should Be Placed in Fairly Warm Room and Protected Against Outside Changes.

(Prepared by the United States Department of Agriculture.)

One difficulty in setting eggs as early in the spring as is necessary for early hatching, if the natural system of incubation is followed, is in finding broody hens at the proper time. If natural incubation be depended upon exclusively the poultry raiser must wait until the hens are ready to set. This is not true, however, if an incubator is available, for if the eggs are fertile they can be started at any time the operator desires.

The incubator should be operated in a fairly warm room, preferably a cellar, as a protection against outside temperature changes. Sudden changes in temperature in the room are to be avoided. The machine should be disinfected thoroughly before being used with a solution of reliable coal tar disinfectant.

Instead of using such a solution a small receptacle containing one-half ounce of permanganate of potash on which one-half ounce of formalin has been poured may be shut up in the incubator. The resulting gas will thoroughly disinfect the machine. After disinfecting the incubator should be run empty for several days to get it into good operating condition. After the eggs are in place the temperature should be held at 101 1/2 to 102 degrees Fahrenheit the first week, 102 to 103 degrees the second week, and 103 the third week.

The eggs usually are turned for the first time at the end of the second day, and twice daily through the eighth or ninth day. The eggs are cooled outside the hatching chamber once daily after the seventh and up to the nineteenth day. Moisture should be furnished in artificial incubation



Removing Hatch From Incubator.

In the South, in high altitudes, and when the incubator room is dry. This may be done by sprinkling the eggs with warm water or by placing a wet sponge or pan of water under the egg tray.

During the hatching period carefully fill the lamp and trim the wick each day. It is best to trim the wick by scraping off the burnt portion rather than by cutting the wick. The lamp should not be filled entirely. After the lamp is filled it should be closely observed for a time to make sure that the flame does not get too high.

## POULTRY NOTES

After all, it is the little things that count for the most in poultry raising.

Early hatching means chicks less troubled with lice and disease.

Experience teaches us that great care is needed to prevent poultry parasites and poultry diseases.

Early hatching means chicks that are past the danger point before hot weather comes.

The fresher the eggs are when used for hatching, the better, and eggs over 15 days should be discarded.

Comfort for the hens in winter is very essential if they are to lay or get ready to lay in the spring.

Lice are a menace in winter as well as in warm weather, and the only protection for the flock is the dust bath.

Hens of the American and Asiatic breeds frequently become too fat to lay, especially after they are two years old.