

PORTLAND BUSINESS DIRECTORY

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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. 285 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.

'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.

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., 16th 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

FARM IMPLEMENTS

Cleveland Tractors, Studebaker Wagons, Iron Age hand garden cultivators and seeders, horse cultivators and potato planters, Braender Bull D30 auto tires, Tungsten spark plugs, Waste drag saws. F. E. KOBENSHED, 309 East Morrison St., Portland, Ore. Largest retailers in Northwest. Send for Catalogue.

FRANCK (Viola) EICHENLAUB BEATRICE (Piano)

Member of Extension Faculty, University of Oregon. From Beginning to Concert Appearance. Authorized Representative of Xaver Scharwenka Studio Suite, Columbia Building. West Park and Washington Street

F. FRIEDLANDER CO., Jewelers.

ESTABLISHED 1879. Expert Watch and Jewelry Repairing. Mail Orders Given Immediate Attention. 310 Washington Between 5th and 6th Sts. PORTLAND, OREGON

MRS. FRED OLSEN NETTIE LEONA FOY

Teacher of Singing Sec. Oregon State Music Teachers' Ass'n. 409 Sherman-Clay Building, Portland, Oregon. Teacher of Piano Authorized Pupil of Gabrilowitsch

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.

Signor G. Taglieri

Maestro of "La Voce Postata" Italian "Bel Canto" Voice Building from Elementary Stages to High Artistic Finish. Principal tenor Italian and English Grand Opera companies. Of international reputation. Studio—304-5 Stearns Building. Phone Main 3145.

ABBY WHITESIDE, Pianist

Member of Extension Faculty, University of Oregon School of Music. 605 Bush & Lane Building, Portland, Oregon

J. C. ENGLISH CO.

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

Stop at The Portland Hotel when in Portland. Rates \$15 up. In the heart of the city. Richard W. English, Prop.

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 up any stump that can be pulled with the best inch steel cable. Works by leverage—same principle as a jack, 100 pound pull on the lever gives a 48-ton pull on the stump. Made of the finest steel—guaranteed against breakage. Endorsed by U. S. Government experts.

K Stump Puller

Write today for special offer and free booklet on Land Clearing. Walter J. Fitzpatrick Box C 182 Fifth Street San Francisco California

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, Pershing. CRESCENT SUPPLY CO., 312 Swatland Bldg. Agents Wanted

EVERYTHING FOR THE OFFICE OFFICE FURNITURE & APPLIANCES

PRINTING :: ENGRAVING :: BOOKBINDING

4400 MARSHALL 6080 46548

Yitham COMPLETE LINE OF STEEL FILING DEVICES AND SYSTEMS

Mark Your Shipments to Highest Prices, Prompt Pay Best Service.

CASH BUYERS OF Cream, Eggs, Poultry, Veal and Hogs.

Creamery and Offices, Front and Ankeny Sts.

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., 244 Washington St., Portland, Oregon

DON'T WASTE THE CREAM!

The Simplex Cream Separator. Is the most complete made anywhere. Practical experience has proven the SIMPLEX to be the most efficient means of increasing Cream production. Write for catalog showing our full line of Dairy Supplies and Barn equipment.

MONROE & CRISSELL

New Location, 91-93 Front St., 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., (Oregon) 131-3 1/2 5th 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 BUYER LOWE & CO. 204-4-7 Board of Trade Bldg.

ACCORDION PLEATING

Skirts pleated any style, \$1.00. Hemstitching, 10c per yd. Buttons covered. Eastern Novelty Mfg. Co. 359 1/2 Fifth St., Broadway 2000

K. Stephen, hemstitching, scalloping, braiding, accordion side pleat, buttons covered; mail orders. 219 Pittcock block.

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—M 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 Hodges Co., N. Broadway and Flanders.

Motor Parts Mfg Co., 325 Burnside St. Parts for all cars at half prices.

LONG & SILVA—462 Hawthorne Ave. Auto Wreckers. We wreck cars and sell good parts 1/2 list price. See us for Engines, Magneto's, Carburetors, etc.

HILLIARDS, POOL AND LAVATORIES.

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

CARPET WEAVING AND CLEANING

Fluff Rugs From Old Carpets. Rug Rugs, all sizes. Mail orders prompt. Send for Booklet. Dry Cleaned, \$1.50. WESTERN FLUFF RUG CO. 54-58 Union Ave. N. East 6516, B-1475

BUILDING MATERIALS

Shope Brick Co., face and mantle brick a specialty. Phone East 1835; Res., East 1797. 35 1/2 E. Morrison St., Portland, Or.

Send for booklet on Farm Buildings of Douglas, Interlocking Tile; it is free. 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 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. Ricen, 265 1st St., Portland.

Send to us for anything in Drugs, Rubber Goods, Trusses, etc. Postage prepaid. Plummer Drug Co., 269 1st 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 Co., Chamber of Commerce Bldg., Portland, Oregon.

FINANCIAL MORTGAGE LOANS

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

For Cultivating Long, Beautiful Eyelashes and Eyebrows nothing can compare with "LASHE," at all Druggists.

ORIENTAL LABORATORIES, Portland, Ore.

De Laval Separators

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

Krause's CHOCOLATES for EASTER

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

FARM LOANS

On Improved farms in Oregon—Long time if desired, and at lowest current rates. Wm MacMaster, 331 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—\$ sold out. Have parties who will plant your tract on shares. Let me tell you about it. W. E. COODELL, Chamber of Commerce Bldg., Portland.

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., 195 Front St.

HOT AIR FURNACES

Stale, dry air made moist and invigorating by our process. 404 N. W. Bank Bldg., Portland, Oregon.

HIDES, WOOL, TALLOW

BISSINGER & CO., P. O. Box 4578, 145 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 OCEANIAN

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, 95 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.

STARK-DAVIS CO., 212 Third St., Portland

PERSONAL

MAIRY IF LONELY; for results, try me; best and most successful "Home Maker"; hundreds rich with marriage; soon; strict 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.

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.

PORTLAND

Go with the crowd to the Abington Bldg., Portland to 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 \$7.00, price \$2.45. 409 to 413 Dekum Bldg.

SCHOOLS AND COLLEGES

EMORY HARPER 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 Kewanee Light and Water System good territory still open; write and give selling experience. M. D. Spencer, Distributor, 333 E. Morrison, Portland, Oregon.

PORK, 25c; VEAL, 21c. We pay those prices for top-quality meats. We can use large and inferior quality at less. We never charge commission. Wilson Meat Co., 228 Alder St., Portland, Or. April 4th.

Fireless Cookers That Are Safe.

Recently the national board of fire underwriters issued a caution against using wooden pails or tubs to make home-made fireless cookers. To eliminate the danger of fires from these valuable fuel savers, the department of agriculture advocates using ground-up asbestos in place of hay, paper or wool for packing in them. Additional safety may be attained by making the cooker from a tin can.

Horsepower in Water. Each normal horsepower of boilers requires one cubic foot of water an hour.

Clear Pimples With Cuticura And Be Happy

Soap 10c. Ointment 25c and 50c

Are You Satisfied? BEHNKE-WALKER BUSINESS COLLEGE

the biggest, most perfectly equipped Business Training School in the Northwest. Fit yourself for a higher position with more money. Permanent positions assured our Graduates. Write for catalog—Fourth and Yamhill, Portland.

New Houston Hotel

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

DAIRY

TIME TO IMPROVE PASTURES

Clean Up by Cutting Off Brush, Briars and Weeds—Reseeding Bare Spots is Favored.

(Prepared by the United States Department of Agriculture.) Spring is the desirable time of year for the improvement of pastures. Large areas of permanent pasture would respond to proper methods of improvement which might include the following:

Keep the pastures clean by cutting off brush, briars and weeds. Large stumps, stones and dead trees should also be removed.

Those areas used for pasture that would permit harrowing and disking at the time of reseeding, applying lime, fertilizers and manure, etc., may be greatly benefited. In some sections terracing may be practiced with satisfactory results.

The application of lime, acid phosphate and manure can always be relied upon in most sections as a means of adding the necessary increased fertility.

Reseeding, particularly in bare spots, is to be recommended. White and Japan clover, bermuda, herds grass, carpet grass and blue grass in favored sections are commonly used. As a rule re-seeded pastures should be lightly grazed the first year. At all times it is advisable to keep the cattle off the grass in the spring until well



Work Done in the Spring to Improve Pastures Will Insure Greater Supply of Feed Later.

started. Closer grazing during the rest of the season may be practiced where this has been done. It is also advisable to turn cattle off the pasture earlier in the fall than is commonly practiced.

DAIRY COW IS ECONOMICAL

Utilizes Coarse Materials, Inedible to Humans, and Turns Them into Food Material.

Two facts stand out prominently as reasons for the increased production and use of milk. The first is that milk as purchased on the market usually supplies food material together with the growth-producing elements more economically than either meat or eggs. The second reason is that the dairy cow is the most economical producer of animal food. One great law of food conservation is to turn inedible feeds into edible foods in the cheapest possible manner. The dairy cow will utilize coarse materials, inedible to humans—such as grass, cornstalks and hay—and will turn them into milk. Other farm animals also are converters of coarse roughage into edible foods, but are not so efficient as the dairy cow.

GOOD FOR SCOURS IN CALF

Mixture of Formaldehyde and Water Is Recommended—Cut Down the Amount of Milk Fed.

This is good for scours in calves: One ounce of formaldehyde (use 40 per cent formaldehyde), 16 ounces of water, mix, give one teaspoonful for each pound of milk fed to calf, stir in the milk. Cut down on the amount of milk being fed. This for two feeds is generally enough. Follow with two-ounce dose of castor oil if constipated.

FEED GRAIN TO YOUNG CALF

When Changed From Whole to Skimmed Milk Little Grain Should Be Put in Youngster's Mouth.

When the calf is changed from whole milk to skim milk, it will begin to eat grain. Place a little grain in its mouth after each feeding of milk. It will soon learn to eat the grain without assistance. The grain should not be fed with the milk. The calf should be allowed to masticate the grain.