

# PORTLAND BUSINESS DIRECTORY

Please Mention This Paper When Answering These Advertisements.

**BONDS** If you must sell your LIBERTY or VICTORY bonds—sell to us. If you can buy more LIBERTY or VICTORY bonds buy from us. We buy and sell at the New York market. **GOVERNMENT AND MUNICIPAL BONDS** Write for descriptive circulars and booklets. **MORRIS BROTHERS, Inc.,** Morris Building, 309-11 Stark Street, PORTLAND, OREGON.

**CYLINDER GRINDING** **FRED DUNDEE** Motor Car Repairing & Machine Works Portland, Oregon.

**Preferred Stock GROCERIES** **ALLEN & LEWIS' BEST BRAND**

**Miller** SAVE 75 PER CENT OF YOUR TIRE VALUE You can avoid the high prices of some new tires. As long as the fabric is in good condition, don't throw them away, build onto them—Express in your old tires. **HUTCH'S TIRE & SUPPLY CO.,** 70 Sixth Street, PORTLAND, ORE.

**BUTTERFAT** We pay Highest Market Price for Butterfat and send check by return mail. Send us your name and we will mail you our quotation. **RIVERVIEW DAIRY COMPANY,** 1003 Belmont St., Portland, Oregon. Established 1911.

**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. Mueson re-charged in car while you wait. Try us for parts. No. 1 Grand Ave. Portland, Or.

**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. 25 Alder St., cor. 4th. - PORTLAND, ORE.

**DIXIE BREAD** **HAYNES-FOSTER BAKING CO.** Portland, Ore. **Dixie Co., Astoria, Ore.** Ask Your Grocer **SALEM BAKING CO.,** Salem, Ore.

**MUSIC TAUGHT SUCCESSFULLY BY CORRESPONDENCE.** Piano and all band and orchestral instruments. Personal attention from a personal teacher. A western school for western pupils. No long waits between lessons. **MODERN CONSERVATORY OF MUSIC,** 148, 13th St., Portland, Ore.

**WANTED--HUMAN CURIOSITIES** Of unusual nature. Long engagement, good salary. Send photo and full particulars in first letter. **HOLLAND AMUSEMENT ENTERPRISES** 201-2 Rivoli Theatre Bldg., Portland

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

**You Will Feel Right at Home Here** SAFE AND CENTRAL-REASONABLE RATES **NORTONIA HOTEL** 11th and Stark, Portland, Ore. Excellent Cafe Bus Meets All Trains

**Orpheum** at **HEILIG THEATER** Sunday, Monday, Tuesday Nights Sun. Mon. Tues. Wed. Afternoons Show Wed. Night Occasionally. Night, 15c to \$1.00; Matinee, 15c to 75c.

**FLOWERS** **TONSETH FLORAL CO.** The House of Flowers FOR ALL OCCASIONS Phones Main 5102 237 Washington St., Portland, Oregon

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

**THE PEPPER BOX** When in Portland try this RESTAURANT Good Service—Moderate Prices. 108 Fifth St., Next to New Perkins Hotel

**Smelt** FRESH COLUMBIA RIVER SMELT Soon to Appear Send Orders to **HEYES BROS.,** 205 Yamhill St., PORTLAND, ORE.

**HIDES** **BISSINGER & CO.,** Wool Pelts, Tallow. Wool Pullers Largest dealers on the Coast. 148-154 North 13th St., P. O. Box 4378 Portland, Ore. Wool Pelts Sellwood Sta. - Portland. Ship us your goods; highest prices paid at all times.

EVERYTHING FOR THE OFFICE **OFFICE FURNITURE & APPLIANCES** PRINTING-ENGRAVING-BOOKBINDING **Marshall 6080 46548**

**When in Portland stop at The Portland Hotel** In the Heart of the City **Richard W. Childs, Manager** A Moderately-Priced Hotel of Merit **HOTEL CLIFFORD** East Morrison St. and East Sixth \$1.25 per Day. Two in a Room, \$1.75.

**Must Work Together.** Human beings were made to succeed and be happy when they work together on the "each for all and all for each" basis. Put them together any other way and they won't get on at all.

**Suggested Change.** Jules, the head waiter, desires to submit an amendment or a reservation or something to change the old motto to "Eat, Drink, but Be Wary."

**Polite.** At a wedding recently, when the clergyman asked the bride, "Wilt thou have this man to be thy wedded husband?" she, with a modesty which lent her beauty and additional grace, replied, "If you please."

**Work—the Staff of Life.** If you want knowledge, you must toil for it; if food, you must toil for it, and if pleasure, you must toil for it. Toil is the law.—John Ruskin.

**Always That Exception.** Too few ever speak with absolutely unreserved candor except when we are telling how good we think we are or how punk somebody else is.—Exchange.

**Harrow-ble.** Calico Rock Progress (reporting illustrated lecture). "You would be horror-stricken to see some of the pictures that are full of blood and horror."—Boston Transcript.

**Uncle Eben.** "A man dat keeps talkin' 'bout hisself," said Uncle Eben, "sometimes surprises you by de way he manages to make a purty good speech on a mighty slim subject."

**Harnessing the Torrents.** In Switzerland almost every mountain torrent has its electric plant, the current often being carried for many miles for lighting and power purposes.



**MUSKRATS BRING BIG MONEY** Rustle up all the muskrats you can and send to us now while we are paying the high top prices. You never get as much for your fur raws as we are now paying. We also want your **OTTER, MINK, RACCOON, OPOSSUM** and all other furs. We pay highest prices. We send your money at once. We give you a fair deal. Give us a trial. **H. LIEBES & CO.,** Dept. B, Liebes Bldg. Portland, Ore.

**TICKETS and Money Orders** **LIDELL & CLARKE** 105 Third St., PORTLAND, ORE.

**HIGHEST QUALITY SEEDS AND SUPPLIES** Write today for our **1920 Seed Catalog** and Buyers' Guide, of vital interest to **GARDENERS, POULTRYMEN, ORCHARDISTS & FARMERS** **Routledge SEED & FLORAL CO.** 145 147 2nd St. PORTLAND ORE

If you only knew the astounding benefits to be derived from this Life-Giving, Health-Restoring, Invigorating **Renovite VIOLET RAY** **ALGRAT CO.,** Gasco Bldg., Portland, Ore.

**Wanted at Once** A live man in each community to handle Rest Yet Product, an Auto necessity which has proved its success. Good money with fine proposition to right man. Write for particulars. **UNITED SALES CO.,** 533 Washington St. Portland, Ore.

**TRUSSES** We specialize in fitting trusses. Contains no narcotics, is blank and circular. We carry everything in Drugs, Rubber Goods, Elastic Hose, etc., and pay postage. **LAUD-DAVIS DRUG CO.,** True Experts **PORTLAND, OREGON**

Rheumatism and lumbago in their worst forms can be permanently relieved by taking **SALGRENE** Ask your druggist to procure it for you. Mix SALGRENE with olive oil and take as directed.

**No Dope** In HEPEON, a eucalyptus and menthol compound for all forms of cough, colds and bronchitis. Contains no narcotics. Is suitable for either children or the aged. Price 50c and \$1.00 per bottle. For sale by the Portland Hotel Pharmacy, Portland, Oregon, and other drug stores.

**QUEEN CITY Steam Cleaning and Dyeing Works** Superior regulation goods redyed and re-mended. Superior process, certain to give satisfaction. We pay postage one way. 288 Grand Avenue, Portland.

**Ground Gripper Shoes** are made and carried in stock for men, women and children, and can be fit by mail. SEND FOR LITERATURE **GROUND GRIPPER SHOE STORES** 301 1/2 Wash. Street, Portland, Oregon. 756 St. Helens Ave., Tacoma, Washington

## INFORMATION DEPARTMENT

Commercial information furnished free of charge. Catalogues supplied and commercial inquiries cheerfully answered. Write us firm below! Do it now!

**ADJUSTMENTS AND COLLECTIONS** Feary Bros., Inc., 826 Dekum Building. Short Adjustment Co., 826 N.W. Bk. Bldg.

**ARTIFICIAL TEETH SPECIALIST** Dr. E. C. Rossman, 307 Journal Bldg.

**ATTORNEY-AT-LAW** Wm. S. U'Ren, Oregonian Bldg., Portland.

**Bakers, Confectioners, Fountain Supplies** Gray, McLean & Percy, 4th & Gilman Sts.

**CIGARS, PIPES** Rich's Cigar Stores, 6th and Wash. St.

**DENTIST, LATE U. S. NAVY** Dr. P. G. Brown, 809 Stevens Bld., Portland.

**DENTIST** R. E. Wright, 308 Raleigh Bldg., 6 & Wn. ELECTRIC & ADVERTISING SIGNS Union Sign Co., 79 West Park at Oak.

**EXPERT GOWN MAKER** Miss M. E. Cole, 207 Tilford Bk., 10 & Mor.

**FARM LIGHTING PLANT** Laidley Light, 93 1st St.

**GOITRE SPECIALIST** R. M. Erwin, M. D., 306-01 Journal Bldg.

**DIAMONDS AND JEWELRY** Aronson's, Broadway and Washington Sts.

**HEMSTITCHING** Ella M. Stevens, 2nd Flr., 350 1/2 Morrison.

**KODAKS AND FOUNTAIN PENS** Sandy, Portland's Kodak and Pen man.

**MILLINERY & EARLEY CORSET** Jones Millinery, 49 Grand Ave.

**MUSIC SCHOOL** Oregon Conservatory of Music, 165 4th St.

**OIL SHAMPOOING & MANICURING** Myrtle Clarke, 733 Morgan Bldg., Portland.

**PHOTOGRAPHIC STUDIO** Hofsteather, 165 1/2 3rd bet. Mor. & Yamhill

**PIANOS & TALKING MACHINES** Soule Bros., 166 Tenth St.

**PIANOS AND PHONOGRAPHS** G. F. Johnson Piano Co., 149 6th.

**PIPES, FITTINGS, ALL SIZES** Zidell-Berenson Co., 208 Front St.

**PLASTER DOLLS AND NOVELTIES** Rose City Novelty Works, 106 Grand Ave.

**PROTECT YOUR EYES** A. E. Hurwitz, Optometrist, 226 First St.

**PYORRHEA DENTISTS** Smith Long Service, 310 Bush & Lane Bk.

**REALTORS** Interstate Land Co., 248 Stark St.

**SHEET METAL & RETINNING WKS.** Union Ave. Metal Wks., 411 Union Ave.

**SANITARIUM** Dr. A. V. Downs, 949 Corbett St.

**TEACHERS AGENCY** Yates-Fisher, free registration, Bruy Bldg.

**WATER PRESSURE SYSTEM** Duro Pumps, 93 1st St.

**CANCER TREATED** Lowell M. Jones, M. D., 412 Morgan Bldg.

**ACCORDIAN PLEATING** Knife and box pleating, hemstitching, 10c yd. Buttons covered. Eastern Novelty Mfg. Co., 55 1/2 Fifth street, Portland.

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

**AUTO ACCESSORIES** **Classy Bug Bodies** Price—\$65 and up. **Burness & Martin** 16th & Alder sts., Portland

**DENTAL SUPPLIES** John Welch Dental Depot. Dental supplies of all kinds. Morgan Bldg., Portland.

**BUILDING MATERIAL** SHOPS BRICK CO., face and mantel brick a specialty. Phone East 1335; Residence, East 1791, 361 1/2 E. Morrison St., Portland, Ore. We will gladly make estimates.

**BEAUTY PARLOR** Mariteno Cosmetic Shop. Permanent hair waving. Most modern equipped cosmetic shop in city. 203 Bruy Bldg., Mar. 2201.

**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 6215, B-1475

**CLEANING AND DYEING** For reliable cleaning and dyeing service send parcels to us. We pay return postage. Information and prices given upon request. **ENKES CITY DYE WORKS** Portland

**DRUGS BY MAIL** Oregon Herbs (Nature's Tea) for kidney and bladder troubles. 50c a pkg by mail. **Plummer Drug Co., 30 & Madison, 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.**

**HIDES, WOOLS & CASCARA BARK** We pay highest prices. Write us for quotation. **Kahn Bros., 195 Front St.**

**FURS—RAW FURS BOUGHT** Highest prices. The Fur Shop, 606 Sweetland Bldg., under stairs.

**HAIR DRESSING** Mme. Grenell relieves itching scalp. Moles, superfluous hair removed. 250 Fildner Building.

Send us your inquiries for anything in Iron or Woodworking Machinery, Logging, Sawmill, Contractors' Equipment, Locomotives, Boilers, Engines, Crushers, Rail, Cable, Hoisting, etc. **Burke Machinery Co., 528 Railway Exchange Bldg., Portland, Or.**

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

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

**Accordian Pleating, Hemstitching, Buttons covered. Custom made shirts, Art Embroidery & Button Co., Morgan Bldg., Portland.**

**MONUMENTS** **PORTLAND MARBLE WORKS** 22-24 Fourth St.—New Bros. **MANUFACTURING JEWELERS** Ross & Co., Inc. Special order work. Fine workmanship. Prompt mail service. **Mohawk Bldg., Portland, Ore.**

**NATURAPATH** Dr. Geo. W. Crockwell, Specialist in Female Diseases—704-6 Dekum Bldg.

**PAINLESS DENTISTRY** Absolutely performed by nerve-blocking method without after effects. Let us prove it to you. We make X-ray examinations and specialize in first-class dentistry at reasonable fees. **Dr. A. W. Keene, Dr. E. W. Prehn, Majestic Theatre Bldg., 351 1/2 Washington St., Portland, Oregon.**

**SAFES—Fire and burglar proof safes, new and second hand, at right prices, bought, sold and exchanged.** **NORRIS SAFE & LOCK CO.** 105 Second Street, Portland.

**WISDOM IN NEW COURSE.** Jud Tunkins has quit letting his cows stray on to the tracks, owing to the fact that the packers pay as much for beef as a railroad company, and with less argument.—Washington Star.

**Never Touched Him!** A bullet, traveling straight for the heart of a Toledo policeman hit the officers badge, shattered it, ripped his coat and went off at an angle without touching his body.

**New York Bigger Than Switzerland.** The present dwellings in Greater New York could more than accommodate the whole population of Switzerland.

**MURINE** Rests, Refreshes, Soothes, Heals—Keep your Eyes Strong and Healthy. If they Tingle, Smart, Itch, or Burn, if Sore, Irritated, Inflamed or Granulated use Murine often. Safe for Infant or Adult. At all Druggists. Write for Free Eye Book **Murine Eye Remedy Company, Chicago, U. S. A.**

**Are You Satisfied?** **BEHNKE-WALKER BUSINESS COLLEGE** is 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.

## PAINTS AND WALL PAPER

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

**PLATING—NICKEL AND SILVER** Write today for prices—we pay return postage on small parcels. **California Plating Works, 214 2nd St., Portland.**

**PERSONAL** **MARRY IF LONELY;** for results, try me; best and most successful "HOME MAKER"; hundreds rich with marriage soon; strictly confidential; most reliable; years of experience; description free. "The Successful Club," Mrs. Bail, Box 566, Oakland, California.

**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.

**SANITARY BEAUTY PARLOR** We help the appearance of women. Twenty-two inch switch or transformation, value \$7.00, price \$2.45. 400 to 412 Dekum Bldg.

**RAILWAY TELEGRAPH INSTITUTE** Young men and women; best returns for amt. invested. Position when qualified. 414 Railway Exchange Bldg., Portland.

**RAZORS** The famous compound for tempering razors without heat. Makes shaving a delight. **The Stratatum Co., 609 Chamber of Com.**

**STOVE REPAIRS** Repairs for all stoves and heaters. Prompt attention to mail orders. **Spokane Stove & Furnace Repair Works, Spokane.**

**TEACHERS' AGENCY** Rocky Mountain Teachers' Agency. Frank K. Welles, ex-ass't State Supt, mgr, Portland, Or. Teachers placed promptly.

**WANTED—FIR PITCH** Will buy Fir Pitch in any quantities. We pay the freight and furnish the barrels. Correspondence solicited. **Northwestern Turpentine Co., 1212 Gasco Bldg., Portland, Oregon.**

**WALL PAPER—PAINT** At wholesale and retail. Mail orders promptly filled. **Smith's Wall Paper House, 108-110 Second St., Portland.**

**RHEUMATISM-PILES-CONSTIPATION** **Wild Pigeon Springs Mineral Water** Nature's own remedy from the Rock. Drink it and get well. Bottled by **Rock Remedy Co., 7 1st St., Portland, Or.**

**MODERN TORCH CO.** Supplies Acetylene Welding Equipment and Supplies. Write for catalogue. 329 1/2 East Morrison St., Portland, Ore.

**MEN WANTED FOR COMMON LABOR** Work is at Paper Mill at West Linn, just across the river from Oregon City. Wage to start is 45c per hr. 8 hr. day. Good chance for advancement. Company has own hotel for accommodation of men. Meals 35c; Beds 10c, 20c 25c. Apply **Crown Willamette Paper Co. office, West Linn, Ore.**

**HIDES TALLOW** Write for Shipping Tags and Price List **SULLIVAN HIDE & WOOL CO.** 144 Front St. Portland

**MULTNOMAH HOTEL** "Where Home Comforts Abound" **PORTLAND, ORE.** The pleasure of your trip to Portland will depend upon the hotel you select. Cozy surroundings, moderate rates, and the welcome you find in your own home town, await you at the Multnomah. **Garage in Connection.**

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

**Hilarious Bride.** Because a London bride, aged forty-one, got drunk on her wedding day and kicked a police sergeant, she spent her honeymoon in jail.

**Wisdom in New Course.** Jud Tunkins has quit letting his cows stray on to the tracks, owing to the fact that the packers pay as much for beef as a railroad company, and with less argument.—Washington Star.

**Never Touched Him!** A bullet, traveling straight for the heart of a Toledo policeman hit the officers badge, shattered it, ripped his coat and went off at an angle without touching his body.

**New York Bigger Than Switzerland.** The present dwellings in Greater New York could more than accommodate the whole population of Switzerland.

**MURINE** Rests, Refreshes, Soothes, Heals—Keep your Eyes Strong and Healthy. If they Tingle, Smart, Itch, or Burn, if Sore, Irritated, Inflamed or Granulated use Murine often. Safe for Infant or Adult. At all Druggists. Write for Free Eye Book **Murine Eye Remedy Company, Chicago, U. S. A.**

**Are You Satisfied?** **BEHNKE-WALKER BUSINESS COLLEGE** is 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.

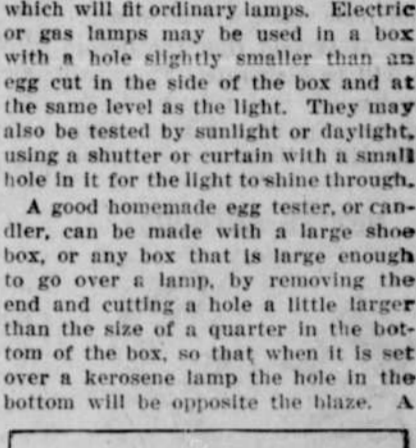
P. N. U. No. 7, 1920

## FARM POULTRY

**TESTING EGGS FOR HATCHING** Satisfactory Candler May Be Made With Shoe Box Large Enough to Cover Lamp.

(Prepared by the United States Department of Agriculture.) An egg, whether impregnated or not, has a small grayish spot on the surface of the yolk known as the germinal spot. As soon as a fertile egg is placed under a hen or in an incubator development begins. All eggs should be tested at least twice during the period of incubation, preferably on the seventh and fourteenth days, and the infertile eggs and dead germs removed. White eggs can be tested on the fourth or fifth day, while the development in eggs having brown shells often can not be seen by the use of an ordinary egg tester until the seventh day. Dead germs soon decay and give off a bad odor if allowed to remain under the hen. Infertile eggs make good food for young chickens and are often used in the home for culinary purposes. Most incubator companies furnish testing chimneys with their machines, which will fit ordinary lamps. Electric or gas lamps may be used in a box with a hole slightly smaller than an egg cut in the side of the box and at the same level as the light. They may also be tested by sunlight or daylight, using a shutter or curtain with a small hole in it for the light to shine through.

A good homemade egg tester, or candler, can be made with a large shoe box, or any box that is large enough to go over a lamp, by removing the end and cutting a hole a little larger than the size of a quarter in the bottom of the box, so that when it is set over a kerosene lamp the hole in the bottom will be opposite the blaze. A



An Egg Tester Made From a Shoe Box and a Common Lamp.

hole the size of a silver dollar should be cut in the top of the box to allow the heat to escape. The eggs are tested with the large end up, so that the size of the air cell may be seen as well as the condition of the embryo. The testing should take place in a dark room. The infertile egg, when held before the small hole, with the lamp lighted inside the box, will look perfectly clear, the same as a fresh one, while a fertile egg will show a small dark spot, known as the embryo, with a mass of little blood veins extending in all directions, if the embryo is living; if dead, and the egg has been incubated for at least 45 hours, the blood settles away from the embryo toward the edges of the yolk, forming in some cases an irregular circle of blood, known as a blood ring. Eggs vary in this respect, some showing only a streak of blood. All infertile eggs should be removed at the first test. The eggs containing strong, living embryos are dark and well filled up on the fourteenth day, and show a clear, sharp, distinct line of demarcation between the air cell and the growing embryo, while dead germs show only partial development, and lack this clear, distinct outline.

**FLOORS IN POULTRY HOUSES** Must Be Kept Dry, as Dampness is Fatal to Both Young and Old Fowls—Also Keep Clean.

Poultry houses may be built with or without floors. In either case they should be dry, as damp floors make damp litters, and dampness is fatal to both fowls and chicks. If the house is on dry, sandy soil, a dirt floor is usually quite satisfactory, but as a rule it is more damp than board or cement floors, according to the United States department of agriculture. Dirt floors should be scraped and new soil put in two or three times a year to keep them sanitary. If board floors are used they should be both tight and smooth so far as to make them dry and easy to clean. If possible they should be eight or ten inches from the ground to allow a circulation of air and to prevent rats from harboring under them.

**DUCKLINGS THRIVE ON MASH** Mixture of Cornmeal, Ground Peas, Bran and Middlings is Fine for Young Fowls.

Growing ducklings thrive best on a feed composed of equal parts by measure of cornmeal, ground peas, bran and middlings, all made into a thick mash either with scalding hot water or milk. The mash is improved by adding short-cut green grass, clover or some other green stuff, and a few handfuls of coarse sand.