

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.
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

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.
215 Alder St., cor. 4th. PORTLAND, ORE.

FOR ALL MAKES OF CARS.
A. J. WINTERS CO.
DISTRIBUTORS.
45-67 Sixth St., Portland.

Ship Your Cream to
MUTUAL CREAMERY CO.
PORTLAND
Highest Prices Accurate Tests Correct Weights

FOR YOUR STROP—RAZOR PASTE 35c
SHARON
248 1/2 Stark Street, PORTLAND, OREGON
ABSOLUTE SATISFACTION OR YOUR MONEY BACK

SUNSET CREAMERY CO.
T. S. TOWNSEND, Pres. & Mgr.
281-83 First Street.
Cream shipped DIRECT to us gets HIGHEST POSSIBLE price—but if sold to a CREAM STATION, a part of your profit goes toward paying station expense.

New and Second Hand Tents and Covers at SPECIAL PRICES
PACIFIC TENT & AWNING CO.,
No. 1 North First Street.

FLOWERS TONSETH FLORAL CO.
The House of Flowers FOR ALL OCCASIONS
Phones Main 5102 287 Washington St., Portland, Oregon

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

HIDES
BISSINGER & CO., Wool, Pelts, Tallow. Wool Pullers
Largest dealers on the Coast. 148-164 North 13th St., P. O. Box 4378 Portland, Ore.; Wool Pullery Sellwood St., Portland. Ship us your goods; highest prices paid at all times.

Hazelwood Candy
By Parcel Post, Prepaid.
Homemade Specials, \$1.00 per lb.
Mt. Hood Chocolates, \$1, 2, 3 & 5, box.
Oregon Chocolates, \$2.00 per pound.
THE HAZELWOOD CONFECTIONER & RESTAURANT
388 Washington Street, Portland, Oregon.

JONES LUMBER CO.
ESTABLISHED 1859
Lumber, Lath, Shingles, Mouldings
Fourth & Columbia Sts., Portland, Ore.
See us about our oversized surfaced dimension. More strength per piece.
Why pay more for something you never receive?

AMERICAN BRONZE Castings
and BRASS WORKS
Bronze, Brass, Aluminum, Copper
Signs, Memorial Tablets
140 N. Front St., foot of Ross Portland, Ore.

CASCARA BARK
Ship to us and receive the HIGHEST PRICE. We want all you have. Write for tags and prices.
Sullivan Hide & Wool Co
144 Front St., Portland, Ore.

Ladies' Friend Electric Irons
\$5.50 each
GRAND ELECTRIC CO., Portland, Ore.

BEST FOR BURNS
KEROSENE KREAM
AND
SUNBURNS
AT ALL DRUGGISTS

Drugs by MAIL
WE PAY THE POSTAGE
If in need of Pure Drugs and Chemicals, Shoulder Braces, Arch Supports, TRUSSSES, Elastic Stockings, Abdominal Supporters, Suspensory Bandages for Men, and all other rubber goods of every description, send to the
Laue-Davis Drug Co.
TRUSS EXPERTS
Third and Yamhill, Portland, Oregon.

Established 20 Years in Portland, Or.
C. GEE WO'S
ROOT AND HERB REMEDIES
Give Wonderful Results.
162 1/2 First Street Portland, Ore.

Deafness That Isolates.
Deafness does not necessarily spell stupidity, although a great many people seem to think so. There are any number of clever, intelligent people of good education and broad views who through illness or accident become hard of hearing—or partially deaf. Isolation is the hardest thing a partially deaf person has to contend with, and when one is denied general intercourse with others one is apt to grow selfish and self-centered.

Our Handy All-Round ELECTRIC LANTERN

PRICE COMPLETE \$6.00
There should be one of these lanterns with you on your next outing, camping or hiking trip, as it is a much cheaper and more dependable light for such an occasion than the ordinary flashlight. Has a dry battery guaranteed to burn 80 continuous hours. Sent prepaid Parcel Post on receipt of price. Write for illustrated folder of lanterns and batteries.

DeLuxe
Electric Lantern Co.
INC.
609-10 Couch Bldg., Portland, Ore.

Are YOUR RECORDS SAFE?
They Should Be Protected in The SAFE-CABINET
"The World's Safest Safe"

William
STARK & OAK STREETS PORTLAND, OREGON

EGGS.
The humble egg has a beautiful shell, that, very much like the motor car, houses its mysterious contents. Your dealer may buy only uniform large size eggs from a systematic producer, he may carefully test each for quality and offer you only the best. He is a responsible dealer and you fare well at his hands. His competitor however, may buy where he can for the least possible money, size and quality are not a part of his standard of value. Uninformed through the limitation of your vision, you have no way of knowing the possible secrets existing beyond the symmetrical contour of an attractive exterior, and he smilingly shades the price and delivers you, kind reader, inferior eggs. Beware of such an irresponsible dealer, whether he sells eggs or motor cars. The shell covering the sterling qualities of our used cars we are proud to say, are refinished to present the best possible appearance. Within the shells we have inspected, tested, and rebuilt the contents so that you may select any car that may please you with the utmost confidence as to its standard of value.
COVEY MOTOR CAR COMPANY,
21st and Washington Sts., Portland, Ore. Main 6244

RAINIER HOTEL
128 N. 6th St., Portland, Ore.
Very Centrally Located. Convenient to all Depots, and one block from main Postoffice.
Medium Priced—Among the Best

MULTNOMAH HOTEL
"Where Home Comforts Abound"
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.

PORTLAND RUG CO.
Manufacturers of
FLUFF and RAG RUGS a Specialty
CARPET CLEANING, LAYING & SIZING
1672-1674 East 17th Street

For Experienced
Wood Turning and Cabinet Work
CALL ON
H. MANGOLD,
329 East Morrison Portland, Ore.

ATTENTION
SANITARY Floors, beautiful and economical for homes and public buildings. We hot-coat old shingle roofs.
Oregon Mastic Floor Co., Inc.
806 Chamber of Commerce Building Portland, Ore.

ST. PAUL HOTEL
Fourth and Alder.
CLEAN, MODERN, RESPECTABLE
\$1.00 Up. Private Bath \$2.00.

NEW PALACE HOTEL
L. W. HIMES, Manager.
Washington at 12th Street.
Portland, Oregon.

QUEEN CITY
We make your worn garments look like new. Employ experienced help and get best results. We pay postage one way.
222 Grand Ave., Portland.

HOTEL CLIFFORD
East Morrison St. at East Sixth, the Principal East Side Hotel, 5 minutes from Shopping District. Four blocks from S. P. East Side Station.
MONG CHUNG WO, Chinese Medicine Co.
Removed to 66 1/2 Sixth St., bet. Oak & Pine, Portland, Call and see him or write. Consultation Free.

DENTISTRY PAINLESS
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. Frenn, Majestic Theatre Bldg., 35 1/2 Washington St., Portland, Oregon.

The Unanswered Question.
Once we were young and now we are older, but never yet have we met anyone who had found a good answer to the question as to why the spirit of mortal should be proud.—Dallas News.

Flour From Many Products.
Chinese millers make flours out of wheat, barley, oats, rye, buckwheat, chestnuts, millet, potato, peanuts, peas, beans, lentils, pulse, rice, almonds and fifty other vegetable substances.

INFORMATION DEPARTMENT

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

ART LEATHER GOODS
Leather Legging, Traveling Bags, Trunks, Cartridge Belts. Portland Leather Co., 229 1/2 Third St.
ARTIFICIAL TEETH SPECIALIST
Dr. E. C. Rossmann, 557 Journal Bldg.
BOILER WORKS—New—Repairing
East Side Boiler Works, East Water & Main
BOOKS NEW AND SECOND HAND
Johnson's Book Store, 248 Main St.
BRAZING, WELDING & CUTTING
Northwest Welding & Supply Co., 48 1st St.
BUTTER FAT BOUGHT
A "Vermont Dairy" pays cash for butterfat.

CREAMERY
Williamette Dairy, Buyers of Milk, Cream and Eggs. We pay cash, 483 Union Av. N.
Oregon Creamery for Eggs, Cream 130 2nd
CUT FLOWERS & FLORAL DESIGNS
Coke's Florists, 221 Morrison St.
DENTIST, LATE U. S. NAVY
Dr. P. G. Brown, 809 Stevens Bld., Portland
DENTIST
B. E. Wright, 808 Raleigh Bldg., 6 & Wn. DANCING EVERY NOON & EVENING
Central Cafe, Chinese-American Kitchen Corner Broadway and Wash. PORTLAND
ELECTRIC & ADVERTISING SIGNS
Union Sign Co., 19 West Park at Oak.
ENGRAVED WEDDING INVITATIONS
Irwin-Hodson, Stationers, Portland, Ore.

FARM LOANS
Devereaux Mortgage Co., 87 6th St.
FARM LIGHTING PLANT
Lalley Light, 98 1st St.
FLOWERS FOR ANY OCCASION
Geo. Betz & Son, 697 Williams Ave.
FURNACES, CORNICE & ROOFING
Grand Sheet Metal Works, E. 3d & Davis
HARD WOOD FLOORING
Eliaman Hardwood Floor Co., 289 E Wash.
East Side Hardwood Floor Co., Inc.,
410 E. Burnside.

HAVE YOUR EYES EXAMINED
A. E. Hurwitz, Optometrist, 225 First St.
HEMSTITCHING, 6 CENTS
Ella M. Stevens, 14 Raleigh Bldg.
AMANDA ORT, 425 1/2 Washington St.
Hemstitching, Buttons Covered, Plaiting
B. P. Sanborn, 242 Alder St.
MANF. OF AGATE JEWELRY
J. A. Lakin, wholesale, retail, 102 Grand Av.
MILLINERY & DRESSMAKING
Jones Millinery, 49 Grand Ave.
MONUMENTS—E. 3d and Pine Sts.
Otto Schumann Granite & Marble Works.

NURSERIES
Russellville Nursery, R. F. D. 1.
Benedict Nursery Co., 185 E. 87th N.
NURSERY STOCK
Villa Nurseries, R. No. 1, Portland.
OIL SHAMPOOING & MANICURING
Myrtle Clarke, 733 Morgan Bldg., Portland
PIANOS & TALKING MACHINES
Soule Bros., 166 Tenth St.

PLASTER DOLLS AND NOVELTIES
Kutz City Sales, 108 Grand Ave.
PRODUCE BOUGHT
Peerless Produce Co., 175 Front St.
Ship us your Hogs, Veal, Poultry, Eggs, Hides.
R-K Produce Co., 209 Wash. St.
PYORRHEA DENTISTS
Special Service, 319 Bush & Lane Bld.
REALTORS
Interstate Land Co., 248 Stark St.
REAL ESTATE AND LOANS
M. V. Harrison, 512 Gerlinger Bldg.

ROOFING AND SHEET METAL WKS
McLoud & W. Williams, 21 Madison.
SAFES—FIRE AND BURGLAR
Norris Safe & Lock Co., 106 2nd St.
SHEET METAL & RETINNING WKS.
Union Ave. Metal Wks., 411 Union Ave.
SANITARIUM
Dr. A. V. Downs, 940 Corbett St.
TINSMITHS
Williamette Sheet Metal Wks. Auto Work Specialty, 106 N. 3rd St.

WATER PRESSURE SYSTEM
Duro Pumps, 93 1st St.
WINDOW SHADES
Peake, The Shade Man, 428 Alder St.
CANCER TREATED
Lowell M. Jones, M. D., 312 Morgan Bldg.

AUTO ACCESSORIES
Classy Bug Bodies
Burness Auto & Body Wks.
12th & Everett Sts.
ACCORDIAN PLEATING
Knife and box pleating, hemstitching, 10c yd. Buttons covered. Eastern Novelty Mfg. Co., 85 1/2 Fifth street, Portland.

CLEANING AND DYEING
For reliable Cleaning and Dyeing service send parcels to us. We pay return postage. Information and prices given upon request.
ENKAY'S CITY DYE WORKS
Established 1890 Portland
ARTIFICIAL LIMBS
Oregon Artificial Limb Co., Inc. Write for Catalog. 201 2nd St., Portland.

BEAUTY PARLOR
Marinello Cosmetic Shop. Permanent hair waves. Most modern equipment. cosmetic shop in city. 203 Brady Bld., Mar. 207.
BRAZING & WELDING WORKS
We sell you a welding outfit and teach you the business. Portland Brazing & Machine Works, 3rd and Columbia.
DIAMONDS & JEWELRY BOUGHT
All kinds diamonds and jewelry bought; name your price. Repairing a specialty. Reiner Jewelry Co., 449 1/2 Wn St. 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., 213 First St., Portland.
PLATING NICKEL AND SILVER
Headlights resilvered, \$3.00 pair. Spot lights \$1.50 each. Parts nickelled. Hardware refinished. California Plating Wks., Cor. 2nd and Salmon Sts.

HEMSTITCHING AND PLEATING
Accordian and Box Pleating. Button and Pleating Shop, 509 1/2 1st Bldg.
HIDES, WOOLS & CASCARA BARK
We pay highest prices—Write us for quotation. Kahn Bros., 195 Front St.
LARGEST HOMESSELLER ON PACIFIC
Over 900 Portland Homes for Sale. See Frank L. McGuire, Abington Bldg.

NATUROPATH
Dr. Geo. W. Crookwell, Specialist in Female Diseases—704-6 Dekum Bldg.
PERSONAL
MARRY IF LONELY; for results, try me; best and most successful "HOME MAKER"; hundreds rich with marriage prospects; strictly confidential; most reliable; years of experience; description free. "The Successful Club," Mrs. Ball, Box 966, Oakland, California.

RAZORS
The famous compound for tempering razors without heat. Makes shaving a delight. The Stratatum Co., 608 Chamber
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.,
188-190 4th St., Portland

Duration of Lightning.
A flash of lightning lights up the ground for one-millionth of a second, yet it seems to us to last ever so much longer. What happens is that the impression remains in the retina of the eye for about one-eighth of a second.

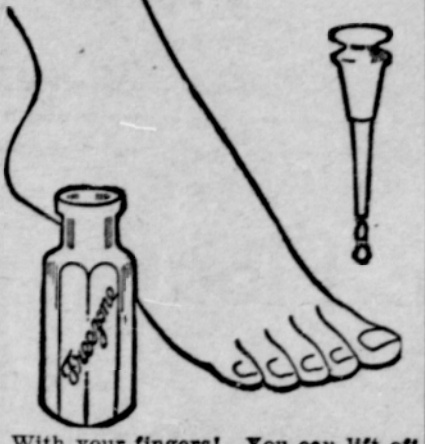
Objectionable Flea.
"What I most object to," remarked the Alredale Pup, "is the flea who thinks he is doing me a favor to associate with me."

RAILWAY TELEGRAPH INSTITUTE
Young men and women; best returns for amt. invested. Position when qualified 434 Railway Exchange Bldg., Portland.
WANTED—FIR PITCH AND BARKS
We buy Fir Pitch, Bark and Roots in any quantities. Highest market price. For information write Northwestern Turpentine Co., 34 E. Ninth St., Portland, Or.
WELDING & BRAZING
Jefferson Depot Welding Shop. Repairing of Boilers and Farming Implements. 183 Columbia St., Phone Marshall 2944.

PAINTS AND WALL PAPER
Write us for prices. Pioneer Paint Co., 186 First St., Portland.
SANITARY BEAUTY PARLOR
We help the appearance of women. Twenty-two inch switch or transformation, value \$7.50, price \$3.45.
409 to 413 Dekum Bldg.

When in Portland
Stop at
The Portland Hotel
In the Heart of the City
Richard W. Childs, Manager

Lift off Corns!
Doesn't hurt a bit and Freezone costs only a few cents.



With your fingers! You can lift off any hard corn, soft corn, or corn between the toes, and the hard skin calluses from bottom of feet.
A tiny bottle of "Freezone" costs little at any drug store; apply a few drops upon the corn or callus. Instantly it stops hurting, then shortly you lift that bothersome corn or callus right off, root and all, without one bit of pain or soreness. Truly! No humbug!

Homemade Ink.
Ralph Waldo Emerson used to make his own ink. Here is his favorite recipe: Pour a scant cupful of boiling water over one package of slate-colored dye. When it is cool add one tablespoonful of vinegar.

Poor Little Motorist.
Dickie, aged three, broke a wheel from his little wagon. "Now what shall I do?" he cried, "fifty miles from a garage and out of gas!"

TO BREAK IN NEW SHOES ALWAYS USE
Allen's Foot-Ease, the antiseptic powder. It prevents tightness and blistering. Relieves Corns, Bunions and Swollen, Sweating, Aching Feet. Gives rest and comfort. Accept no substitute. Sample FREE. Address, Allen S. Olmsted, Le Roy, N. Y.

The day is always his, who works in it with serenity and great aims.—Emerson.
To Have a Clear Sweet Skin.
Touch pimples, redness, roughness or itching, if any, with Cuticura Ointment, then bathe with Cuticura Soap and hot water. Rinse, dry gently and dust on a little Cuticura Talcum to leave a fascinating fragrance on skin. Everywhere 25c each.—Adv.

ASPIRIN
Name "Bayer" on Genuine

"Bayer Tablets of Aspirin" is genuine Aspirin proved safe by millions and prescribed by physicians for over twenty years. Accept only an unbroken "Bayer package" which contains proper directions to relieve Headache, Toothache, Earache, Neuralgia, Rheumatism, Colds and Pain. Handy tin boxes of 12 tablets cost few cents. Druggists also sell larger "Bayer packages." Aspirin is trade mark Bayer Manufacture Monoaceticacidester of Salicylicacid.—Adv.

A papyrus on geometry dated 1100 B. C. has been preserved from ancient Egypt.

Comfort Your Skin
With Cuticura Soap and Fragrant Talcum
Soap 25c, Ointment 25 and 50c, Talcum 25c.

Are You Satisfied? **BEHNKE-WALKER BUSINESS COLLEGE**
is the biggest, most perfectly equipped Business Training School in the Northwest. Put yourself for a higher position win more money. Permanent positions assured our Graduates.
Write for catalog—Fourth and Yamhill, Portland
P. N. U. No. 32, 1920

TESTING VARIETIES OF MARKET PEANUTS

Experimental Work by the Bureau of Plant Industry.

Selected Strains Are Being Made With a View of Producing Those More Particularly Adaptable for Definite Purposes.

(Prepared by the United States Department of Agriculture.)
Most of the so-called varieties of peanuts now to be found in the trade in the United States are merely low-standard varieties with new or local names, and there are only about six distinct varieties grown in this country. This statement is made by the chief of plant industry, in reporting on experimental work with peanuts. This work has included methods of planting,



Variety for the Gulf Coast Region.

selection of seed, improvement of yield, and cultivation and handling of the crop. Selected strains of some of the varieties are being made with a view to producing those more particularly adaptable for definite purposes, such as the making of high-grade table and cooking oil or an oil that may be used in the manufacture of oleomargarine, and to some extent in making soap. Other purposes for which selections are being made are those adapted for human food in the form of peanut meal, peanut butter, and other products, and high-yielding strains for stock and dairy feeds.

LOW GRADE WHEAT FOR FEED
Does Not Contain Quite as Much Fattening Material as Corn, But More Protein.
If your wheat grades very low, you should consider whether it is not worth more to you for feeding purposes. At the present prices of feeds, wheat should be worth \$1.80 per bushel for feed, particularly if there is some dockage in it. Wheat does not contain quite as much fattening material as corn, but more protein, which is the milk producing and growing substance. For this reason it makes an excellent feed for milk for cows as a part of the grain ration. It also will make a good feed for pigs.

VENTILATION
Ventilation is as important a matter in the barn as in the house, and no barn should be built without care being given to supplying fresh air for the stock. Some sort of a vent should be placed at the top of any reasonably closely enclosed barn, as the foul air will otherwise hang under the roof and eventually make all the air in the barn bad. The cool, pure air will find its way in if there is a way for the warmer foul air to escape.

MAKE START WITH ALFALFA
Easier to Get Stand Where Sweet Clover Has Been Previously Grown—Bacteria Needed.
It seems to be somewhat easier to get alfalfa started where sweet clover has been previously grown, as the sweet clover is more likely to give a better infestation of the proper bacteria to the soil, but it is not necessary to grow sweet clover first when the alfalfa seed is well inoculated. Even if sweet clover is to be grown first its seed should be inoculated or it may not grow much.

VEGETABLE MATTER FOR SOIL
Grass or Sod Crops Are Most Valuable as Basis for More Humus—Other Good Methods.
There are many well-known methods of supplying the necessary vegetable matter to the soil. Crop residue is usually the basis of more humus. Grass or sod crops are the most valuable in this respect. Stable manure is also of great value in increasing humus. Winter cover crops, such as annual clover, vetch, or rye, are now extensively grown to be turned under in the early spring.