BUSINESS DIRECTORY

se Mention This Paper When Answering These Advertisements

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

MORRIS BROTHERS, Inc.,

CYLINDER GRINDING

FRED DUNDEE Motor Car Repairing & Machine Works

referred Stock ALLEN & LEWIS' BEST BRAND

Hotel Alder Rooms \$1 per day and up. Special monthly rates.
Out-of-town visiture made to feel at home.
Southern Pacific electric train depot in same
building. J. W. BUBBONG, Manager.
285 Alder St., cor. 4th. - PORTLAND, ORE



A. J. WINTERS CO. DISTRIBUTORS. 65-67 Sixth St., Portland.

Ship Your Cream to MUTUAL CREAMERY CO.

PORTLAND

Highest Prices

Accurate Tests

Correct Weights

SUNSET CREAMERY CO. T. S. TOWNSEND, Pres. & Mgr. 281-83 First Street.

Ship your cream "direct" to us and save "Cream Station Expense, receiving very highest market price.
We make specialty handling "white"

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

WERS TONSETH FLORAL CO. The House of Flowers FOR ALL OCCASIONS

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

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 Pullery Sellwood Sta., 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.

AMERICAN BRONZE Castings Bronze, Brass, Aluminum, Coppe and BRASS WORKS 140 N. Front St., foot of Host Parthaud, tire

SALE CONTINUES

WALL PAPER FOR LESS

Two Hundred Thousand Rolls in Stock at 20s, 25c, 36c, 80c, 75c, \$1.00 and up to \$4.50 Double Roll

Deadening Felt for House Lining, 10cSq. Yard

PAINT, guarantee for 5 years on every can, our special price \$3.75 per gallon

Oregon Mastic Floor Co., Inc.

CLEANING AND DYEING

For reliable Cleaning and

Order By Mail We ship all over the Northwest by Express or Parcel Post

WALL PAPER HOUSE SMITH 108-110 Second St., Portland Ore.

QUEEN CITY Steam Cleaning and Dyeing Was make your worn garments look like new. Employ experienced help and get best results. We pay postage one way.

288 Grand Ave., Portland.

Established 20 Years in Portland, Or. C. GEE WO'S ROOT AND HERB REMEDIES

Give Wonderful Results. Portland, Ore. 16214 First Street

Drugs by MAIL WE PAY THE POSTAGE
If in need of Pure Drugs and Chemicals,
Shoulder Braces, Arch Supports,
TRUSSES, 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 Yamhilli, Portland, Oregon.

EVERYTHING FOR THE OFFICE OFFICE FURNITURE & APPLIANCES PRINTING :: ENGRAVING :: BOOKBINDING



MONG CHUNG WO, Chinese Medicine Co.

Pearls that come from the coast of Australia are of many shapes and colby the ounce; above that by the grain. The white pearls go mostly to Europe tralia an ounce of good white pearls

PORTLAND

Electro Medicated

INHALATORIUM A Special Treatment for Tuberculosis, Hay Fever, Asthma, Catarrh and all Throat and Lung Conditions. This treat-ment has been thoroughly tested, and proven beneficial in practically every case.

Rheumatism and Goiter successfully treated.

N. C. HAMPTON, Physician and Surgeon.
712-21 Dekum Bldg. Medical Director
Office hours 9 a. m. to 8 p. m.
Sunday by appointment.



For Sale-In Portland

\$30 pool table, \$60 8-pass hotel bus body, \$75 Dayton meat slicer, \$90 contractor s saw rig with engine, \$150 Bulck work car, \$200 sods fountain,

REED & LEE EXCHANGE.

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

of the Jews, who held their whiskers to be sacred, and swore by them.

Later, the Turks did the same. The sultan's followers used to comb their whiskers after prayers, catch the hairs that came out, break them in two and ors. Those under ten grains are sold of the Jews, who held their whiskers Color has a deal to do with the value. Later, the Turks did the same. The amount of water, which dissolves out log, will hatch out many of these eggs, and the yellow ones to India. In Australia an ounce of good white pearls that came out, break them in two and will fetch up to \$500, but sometimes bury them, on the theory that in some realize only a fifth of that amount. The yellow pearls may be rated on an average of about half the value of the white ones.

Whiskers after prayers, catch the hairs decanted as a saturated solution. This is mixed with peat powder and evaporated. The product contains about a tragedy with them when they are brought into the world too soon. At ask about the Kennedy place. Or visit the ask about the Kennedy place. Or visit the sak about the Kennedy place. Or visit the sake about the Kennedy place. Or visit the sake lieved.

MULTNOMAH H O T E L



"Where Home Comforts Abound

The pleasure of your trip to Port-ind will depend upon the hotel you sleet. Coxy surroundings, moderate ttes, and the welcome you find in our own home town, await you at its Multomank.

Garage in Connection.

Ground Gripper Shoes



carried in stock for men, women and children, and can be fit

SEND FOR LITERATURE GROUND GRIPPER SHOE STORES 381 1/2 Wash. Street, Portland, Oregon. 56 St. Helens Ave., Tacoma, Washingto

JONES LUMBER CO.

ESTABLISHED 1859

Lumber, Lath, Shingles, Mouldings Fourth & Columbia Sts., Portland, Ore.

HOTEL HOYT

Sixth and Hoyt Streets
Portland, Oregon
Convenient to Both Depots
Absolutely Fireproof
coms \$1.00 and up without Bath.
coms \$2.00 and up with Bath. ELBERT S. ROBE, Mgr.

ST. PAUL HOTEL

Fourth and Alder.

CLEAN, MODERN, RESPECTABLE \$1.00 Up. Private Bath \$2.00.

We Make Fluff Rugs From Your Old Carpets Rag rugs, all sizes. Mail orders prompt. Rugs and carpets steam and dry cleaned. Thone or write for price list. Save solic-tor's commission.

Northwest Rug Co. 188 E. Eighth St.

G. & R. MACHINERY CO.

501 Gerlinger Bldg., Phone Main 8201 Portland, Or

Boilers and Engines, Sawmill Equipments

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.

Oregon Wool Scouring Mill PORTLAND, ORE. Phone, Main 4609

Wool Scoured and Sorted ON COMMISSION.

NOTICE!

To all Industrial Men:

We cover old wooden and concrete floors. Guaranteed not to chip, break or crack, and absolutely water-proof.

BRAZING & WELDING WORKS

We sell you a welding outfit and teach you the flors and becomes visible as a bubble. Sid and Glesson.

Output

Classification of the concrete flowers and absolutely water-proof.

806 Chamber of Commerce Building Portland, Ore.



MANUFACTURING JEWELERS

MANUFACTURING JEWELERS

Geo. Fety, manufacturing jeweler for the trade. Mail orders prompt. 610 Raleign Building, Portland, Ore.

PERSONAL

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

PLUMBING & PLUMBING SUPPLIES

We can supply you with any kind of

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 RAILWAY TELEGRAPH INSTITUTE

Young men and women; best returns for am't invested. Position when qualified. 434 Rallway Exchange Bidg., Portland.



nitrate.

INFORMATION DEPARTMENT

ART LEATHER GOODS Leather Leggins, Traveling Bags, Trunks, Cartridge Belts, Portland Leather Co., 236 Washington,

Cartridge Belts. Portland Leather Co., 236 Washington.

ARTIFICIAL TEETH SPECIALIST Dr. E. C. Rossman, 387 Journal Bidg.

BOILER WORKS—New—Repairing East Side Boiler Wks, East Water & Main BOOKS NEW AND SECOND HAND Johnson's Book Store, 245 Main St.

BRAZING, WELDING & CUTTING Northwest Welding & Supply Co, 45 Ist St BUTTER FAT BOUGHT
Fernwood Dairy pays cash for butterfat, CREAMERY

BUTTER FAT BOUGHT
Fernwood Dairy pays cash for butterfat.
GREAMERY
Williamette Dairy, Buyers of Milk, Cream
and Eggs. We pay cash, 483 Union Av.N.
Oregon Creamery for Eggs, Cream 120 2nd
DENTIST, LATE U. S. NAVY
Dr. P. G. Brown, 809 Stevens HI, Portland
DENTIST
B. E. Wright, 308 Raleigh Bidg., 6 & Wn.
DANCING EVERY NOON & EVENING
Oriental Cafe. Chinese-American Kitchen
Corner Broadway and Wash, PORTLAND
ELECTRIC & ADVERTISING SIGNS
Union Sign Co., 79 West Park at Oak.
ENGRAVED WEDDING INVITATIONS
Irwin-Hodson, Stationers, Portland, Ore.
FARM LIGHTING PLANT
Lalley Light, 38 1st 8t.
FLOWERS FOR ANY OCCASION
Geo. Betz & Son, 697 Williams Ave.
FURNACES, CORNICE & ROOFING
Grand Sheet Metal Works, 85 Grand Av.
HARD WOOD FLOORING

HARD WOOD FLOORING Elsman Hardwood Floor Co., 389 E.

Eisman Hardwood Floor Co., 389 E. Washington.

East Side Hardwood Floor Co., Inc.,—410 E. Burnside.

HAVE YOUR EYES EXAMINED
A. E. Hurwitz, Optometrist, 225 First St
HEMSTITCHING, 8 CENTS
Eila M. Stevens, 505 Raleigh Bidg.

Amanda Orr, 422½ Washington St.
Hemstitching, Buttons Covered, Plaiting
B. P. Sanborn, 222 Alder St.

MILLINERY & PARCLEY CORSET
Jones Millinery, 39 Grand Avs.

MONUMENTS—E. 3d and Pine Sts.
Otto Schumann Granite & Marble Works.
NURSERY STOCK
VIIIA NURSERIES, B. No. 1, Portland.
OIL SHAMPOOING & MANICURING

NURSERY STOCK
VIIIa Nurseries, R. No. 1, Portland.
Oil SHAMPOOING & MANICURING
Myrtle Clarke, 733 Morgan Bidg, Portland
PIANOS & LALKING MACHINES
Soule Bros., 166 Tenth St.
PLASTER DOLLS AND NOVELTIES
Rose City Novelty Was., 105 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
Smith Long Service, 210 Bush & Lane BI.
REALTORS
Interstate Land Co., 245 Stark St.
REAL ESTATE AND LOANS

AUTO ACCESSORIES

Classy Bug Bodies
Prices \$85 and up.
Burness & Martin 16th & Alder sta., Portland

ACCORDIAN PLEATING
Knife and box pleating, hemstitching,
loc yd. Buttons covered. heastern Novelty
Mig. Co., 85½ Fifth street, Portland.
ARTIFICIAL LIMBS
Overgon Artificial Limb Co., inc. Write
for Catalog. 201 2nd St., Portland.
BEAUTY PARLOR
Marinello Cosmetic Shop. Fermanent
hair wave. Most modern equipped cosmetic shop in city. 203 Brdy Bl., Mar. 2207.
BRAZING & WELDING WORKS
We sell you a welding outfit and teach you the

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 dentier, at reasonable fees. Dr. A. W. Keene, Dr. E. W. Prehn, Majestic Theatre Bidg., 3614, Washington St., Portland, Oregon.

DENTAL SUPPLIES John Weich Dental Depot Dental sup-plies of all kinds. Morgan Bidg. Portland. DIAMONDS & JEWELRY BOUGHT

DIAMONDS & JEWELRY BOUGHT
All kinds diamonds and jewelry bought;
name your price. Repairing a specialty.
Reiner Jewelry Co., 449½ Wn St. Portind
DOORS AND WINDOWS

We can sell you Doors, Windows, Roofing, Paint, Glass and Builders' Hardwars,
direct at wholesale prices. Write for
prices before buying, Heacock Sash &
Door Co., 212 First St., Portland.
PLATING NICKEL AND SILVER

Headlights resilvered, \$3.00 pair. Spot lights \$1.50 each. Parts nickeled. Hard-ware refinished. California Plating Wks., Cor. 2nd and Salmon Sts. HAIR DRESSING

Mme. Grenell relieves itching scalp.
Moles, superfluous hair removed. 250
Filedner Building.
HEMSTITCHING AND PLEATING

HEMSTITCHING AND PLEATING
Accordian and Box Pleating Button
and Pleating Shop, 509 R yal Bidg.
Accordion Pleating, Hemstitching, Buttons covered. Custom made shirts, Art
Embroidery & Button Co., Morgan Bidg.,
Portland.

FURS—RAW FURS BOUGHT
Highest prices. The Fur Shop, 608 Swetland Bidg., upstairs.
HIDES, WOOLS & CASCARA BARK
We pay highest prices—Write us for
quotation. Kahn Bros., 195 Front St.
LARGEST HOMESELLER ON PACIFIC
Over 100 Portland Homes for Sale. See Over \$00 Portland Homes for Sale. See Frank L. McGuire, Abington Bldg.

Frank L. McGuire, Abington Bidg.

MACHINERY

Send us your inquiries for anything in
Iron or Woedworking Machinery, Logging,
Sawmill, Contractors' Equipment, Locomotives, Boilers, Engines, Crushers, Rail,
Cable, Belting, etc. Burke Machinery Co.,
528 Railway Exchange Bidg., Portland, Or.
NATUROPATH

Dr. Geo. W. Crockwell, Specialist in
Female Diseases—704-6 Dekum Bidg.

when hatched out in winter.

PAINTS AND WALL PAPER
Write us for prices. Pioneer Paint Co., 188 First St., Portland.
SANITARY BEAUTY PARLOR
We help the appearance of women.
Twenty-two inch switch or transformation, value \$7.00, price \$2.64.
400 to 413 Dekum Bldg.

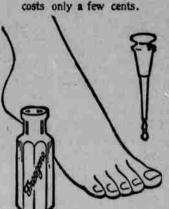
STOVE REPAIRS Repairs for all stoves and heaters Prompt attention to mail orders. Spokans Stove & Furnace Repair Works, Spokans WANTED—FIR PITCH AND BARKS We buy Fir Pitch, Barks and Roots in any quantities. Highest market price For information write Northwestern Tur-pentine Co., 568 E. Ninth St., Portland, Or

WELDING & BRAZING

Jefferson Depot Welding Shop. Repairing of Boilers and Farming Implements
189 Columbia St., Phone Marshall 3944.

Lift off Corns!

Doesn't hurt a bit and Freezone



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 humbur!

"ALLEN'S FOOT-RASE DOES IT.
When your ahoes pinch or your Corns and Bunions ache, get Allen's Foot-Ease, the antisep-Spowder to be shaken into shoes and aprinkled in
the foot-bath. Gives instant relief to Tired, Achi
ing, Tender Feet. Sample FREE, Address Allen
S, Olmsted, LeRoy, New York.

REAL TORS
Interstate Land Co., 248 Stark St.

REAL ESTATE AND LOANS
M. V. Harrison, 512 Gerlinger Bidg.
ROOFING AND SHEET METAL WKS
McDonaid & Wynkoop, 2d and Madison.

SAFES—FIRE AND BURGLAR
Norris Safe & Lock Co., 105 2nd St.
SHEET METAL & RETINNING WKS.
Union Ave. Metal Wks., 411 Union Ave.
Dr. A. V. Downs, 340 Corbett St.
SHEET METAL & TINWARE—47 First
Portland Trinware Sheet Metal Mfg. Co.
WATER PRESSURE SYSTEM
Duro Pumps, 93 1st St.
WINDOW SHADES
Penke, The Shade Man, 428 Alder St.
CANCER TREATED
Lowell M. Jones, M. D., 312 Morgan Bidg.

N. Manual Grammar.

From an examination paper — Eke (interjection) cry given by a young penguin on being frightened.—Boston
Transcript.

The Cuticura Toilet Trio
Having cleared your skin keep it clear by making Cuticura your every-day toilet preparations. The soap to cleanse and purify, the Ointment to soothe and heal, the Talcum to powder and perfume. No toilet table is complete without them. 25c everywhere.—Adv. without them. 25c everywhere .- Adv.

There is exhibited in the British museum a sapphire weighing nine carats and containing a bubble that appears and disappears with changes of temperature. It is believed that a cavity in the gem encloses a quantity of carbonic acid gas under great pressure. When the temperature is such as to correspond with the "critical point" for the gas, under the particular pressure to which it is subjected in its brilliant prison house, it lique-

Ever Hear of Air Fishing?

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

ENKE'S CITY DYE WORKS
Established 1890

Portland by a hiking detachment of United States marines. They fly queer-look-

ASPIRIN

Name "Bayer" on Genuine



"Bayer Tablets of Aspirin" ine Aspirin proved safe by millions and prescribed by physicians for over twen-ty years. Accept only an unbroken "Bayer package" which contains proper directions to relieve Headache, Tooth-ache, Earache, Neuralgia, Rheumatism, Colds and Pain. Handy tin boxes of 12 tablets cost few cents. Druggists also sell larger "Bayer packages." As-pirin is trade mark Bayer Manufacture onoaceticacidester of Salicylicacid.



P. N. U.

HARLEQUIN CABBAGE **BUG INJURES CROPS**

Attacks Cauliflower and Various Other Vegetables.

First Appearing Insects Should Be Killed Before They Have Chance to Breed-Clean Up Old Stalks and Rubbish.

(Prepared by the United States Depart-ment of Agriculture.)
The cabbage crop of many states suffers severe losses from the ravages of the harlequin cabbage bug. The affected plants wilt and die soon after attack as though swept by fire, hence the name "fire bug." This bug, which also is called "callco back" and "terrapin bug," also injures cauliflower, kale, turnip, radish, and other cole crops, and after destroying fields of these, attacks various other vegetables. Several generations are pro-

duced each year. Cleaning up the cabbage stalks and other remnants as soon as the crop is off, preventing the growth of weeds



istic Feeding Areas, White Spots on Leaves, Due to Attack of the Harlequin Cabbage Bug.

and the accumulation of rubbish, using trap crops of mustard, rape, or other early crop, burning over in-fested patches and fields, and destroying the insects by means of a hand torch and other mechanical measures, are the best methods of control, ac-cording to Farmers' Bulletin 1061, "Harlequin Cabbage Bug and Its Control," recently issued by the United

States department of agriculture, The first appearing bugs should be killed before they have a chance to breed, or if the fields become infested later the bugs should be destroyed late in the season so as to leave fewer to survive the winter.

Co-operation with others who grow cole crops is an absolute necessity in dealing successfully with this pest. The new bulletin may be obtained free, as long as the supply lasts, on

application to the department. RIGHT TIME TO APPLY LIME

If Badly Needed It May Be Spread on Winter Wheat In Spring and Lightly Harrowed.

The best time to apply lime is when land is being prepared for wheat in fall. It should be spread on the plowed ground and harrowed in, Liming corn land that is to be followed by a grain crop with clover is also good practice. If lime is badly needed it may be spread on the winter wheat in the spring and lightly harrowed in. will not be as effective as if it had been put on last fall but it will help some. If clover is to be seeded with a spring grain crop, lime can be applied when preparing the land for this crop.

The precise amount of lime to use in each case can be determined only by chemical means, and the various methods for determining the lime requirement of soils do not always yield uniform results, says the United States department of agriculture. For the farmer the response of the clover crop is the best test. By liming a field at two or three rates and leaving a strip unlimed the farmer can get clover to tell the story Itself. As a general rule, which is useful as a starting point, two tons of ground limestone or one ton of burnt lime an acre will put most land in shape to grow clover.

DEVELOPMENT OF MARKETING

Improvement Must Continue to Come Through Better Methods and Procedure.

Marketing machinery is a product of evolution; any improvement must continue to come gradually through better mthods and procedure and not through setting up instantly a perfectly-efficient and automatically operated new marketing machine. Market experts in the United States department of agriculture point out that the worker in the field of marketing can assist in the development of better marketing practices just as the worker in the field of production has assisted, and is now assisting, in the improvement of general practices.

GET HONEY FROM DANDELION

Not Considered Strong Enough Argument to Continue Growing Plant Too Freely.

Beekeepers have found that the dandellon furnished the bees some honey in 1919. But in general this would not be a strong enough argument to continue growing the plant as freely as some do grow it.