

PORTLAND MARKET

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DO YOU KNOW THAT THE ALDER HOTEL
285 Alder Street, Portland, Oregon.
Will rent you a room for \$1.00 per day, or a room
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A good place to Eat and Live Well.
Removable for luncheon at special
Open 7 a. m. to 2 a. m., 328 Stark St.

L Cafeteria

Sixth street opposite the Oregonian and Alder
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Eating place in the City. The Finest Coffee
and Pastry a Specialty.

DO YOUR OWN PLASTERING WITH A HAMMER AND A SAW

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PERFECTION WALL BOARD
Plaster Walls That Will Not Crack
ASK FOR SAMPLE AND INFORMATION.

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"Where Home
Comforts Abound"
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The pleasure of your trip to Portland
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select. Cozy surroundings, moderate
rates, and the welcome you find in
your own home town, await you at
the Multnomah.
Garage in Connection.

Allyn's

Grand Avenue at Yamhill
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EXPERT
Dyeing & Cleaning
"At Your Beck and Call"

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Guaranteed Rebuilt.
Rented or sold. Easy
payments. Send for il-
lustrated catalogue II.
Wholesale Typewriter Co.
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Pacific Chiropractic College

Park and Yamhill, Portland, Oregon
Augmented curriculum, able faculty.
Highest standards. Day and night courses.
Clinical facilities unexcelled. Fall term
September 1. Write for catalogue.

RUBBER STAMPS AND MARKING DEVICES.

"Everything for
the Office"
With a Six Street Portland Oregon

Novelty Shop,

85 1/2 Fifth St.
PORTLAND, OREGON.
KODAKS
Let us finish what your Kodak began.
Best work, best service. Old established
Kodak finishers, 12 years in Portland.
Mail orders given special care. We day
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Kodaks and sundries in stock. Kodak or
Primo catalog sent on request. Eveland
& Lewis, 413 East Morrison St., Portland,
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SWOLLEN (Varicose) VEINS

Are painful and often dangerous. Our
Hand-woven-to-fit Elastic Stockings, Heels
and Bandages always give relief.
Fitters and Makers for Fifty-five Years
Satisfaction or Money Back.
Send for Book and Measure Blank Today.
WOODARD, CLARKE & CO.
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Accordian Pleating

Knife and
box pleating,
hemstitching
10c yd. Cut-
ters.
Mail orders
a specialty.

Used Ford Trucks and Touring Cars

Bargains at all times
UNREAR GARIBOLDI
Used Trucks Exclusively
Grand Av. & Yamhill Port-
land. Write for price and spec.

AUTO REPAIR PARTS

Send for free catalog
PISTONS--PISTON RINGS--RINGS
Cylinder and Crank Shaft Grinding. Auto-
mobile Machine Work and Welding.
COOK & GILL CO., INC.
11th and Burnside Sts.
Portland, Ore. Phone B-676, 3281

PILES

FISTULA, HEMORRHOIDS, Itching and all other
rectal conditions except Cancer perma-
nently cured without a surgical operation.
My method of treatment saves the tissue
instead of destroying it. It is painless,
requires no anesthetic and is perma-
nent. There is no confinement to bed, no
interference with business or social en-
gagements.
I guarantee a cure or will refund your
fee.
Call or write for booklet.
Mention this paper when writing.
DR. C. J. DEAN
Second and Morrison Sts., Portland, Ore.

OUR GIFT TO THE BRIDE

Before you order your wedding announcements
and cards, write or visit THE CHETOPA PRESS
A request for samples enables you to see the beautiful
calling cards in an engraved effect free of charge.
Broadway at Taylor Portland, Oregon

DR. E. H. EAST

PHYSICIAN AND SURGEON
Specialties: Gynecology, Diseases of Women
and Maternity
Office Morgan Building Portland, Ore.

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.

DR. G. E. WATTS

212 Oregon Building
Portland, Oregon
SPECIALIST
Female and Rectal Troubles and
GLAND TRANSPLANTATIONS
Eyes Examined, Glasses Fitted.
Repairing done by mail. Most
modern equipment. Satisfaction
guaranteed.
FREE WAR PRICES
Clark-Brower Optical Co., 1124 6th Street

EVERYTHING FOR THE MOTORCYCLIST.

Rebuilt Harley-Davidson
MOTORCYCLES
Same guarantee as new. From \$200.00 up
to \$500.00, all late models, with 3-speed
and electric equipment. Easy terms. If
desired, pay while you ride. Send for
Harley Davidson Service Catalog, 230
St. Portland, Ore., corner Taylor.

NEW FLUFF RUGS AT HALF COST OF NEW CARPETS.

Have your old worn out carpets and
woolen clothes made into artistic reversible
fluff rugs. Carpets and rugs re-
built, stream cleaned. Rugs all sizes.
Buy from factory and save money. Write
for prices.
Northwest Rug Co., 188 E. Fifth St.
Portland, Ore.

BROOKE DRUG CO.

17 NORTH THIRD
PORTLAND, OREGON
CUT RATE MAIL ORDER DEPARTMENT.
Genuine Flu treatment, sold under guarantee.
E. B. No. 100, 100, 100, 100, 100, 100, 100, 100,
Remover, 100, 100, 100, 100, 100, 100, 100,
rain sprayer, essence, E. B. Letters answered.
Sole agents, 100, 100, 100, 100, 100, 100,
OAKLAND, CALIFORNIA.

The Dalles Fruit & Produce Comp'y

Wholesale Dealers in
FANCY FRUITS and FARM PRODUCE
121 Front Street, Portland, Oregon.

PERSONAL

HARRY L. CONLEY For results, try my
best and most successful "Home Makers"
hundreds rich with marriage soon, strictly
confidential, most reliable, years of
experience, descriptions free. "The Suc-
cessful Club" Mrs. NASH, Box 555,
OAKLAND, CALIFORNIA.

DRINK 'HARD LIQUORS' NOW

Germans Using More Whisky, Brandy
and Gin--Draft Law.
Berlin.—Consumption of wines and
liquors has been increasing so rapidly
in Germany since the war that the
reichtag has directed the drafting of
a bill to regulate the traffic. The law
also is to check a growing increase in
the number of saloons, in Berlin par-
ticularly.

compulsory to drink champagne or some other wine of similar price. Con- sumption of champagne has out- stripped all previous records the last twelve months, amounting to more than 12,000,000 bottles.

FIND ANCIENT ROMAN ROAD

Workmen Digging Manholes in Eng-
land Unearth Highway Which Ran
From London to Manchester.
London.—Discovery has been made
in England of another old Roman road
hitherto unknown.
Workmen who were digging man-
holes on the Alton road where the latter
joins the roads to Bentley and Borden,
near Farnham, Surrey, unearthed,
five feet below the surface, part of

The Herald of Gospel Liberty, a re- ligious paper published at Dayton, O. claims to be the oldest religious paper in the country, probably in the world, as it was established 113 years ago and has been printed regularly through all the years.

INFORMATION DEPARTMENT

GRAZING, WELDING & CUTTING

Northwest Welding & Supply Co., 18 1st St.
**CHIROPRACTOR AND ELECTRO-
THERAPEUTICS**
Dr. J. Baker and Joseph, 817 Dekum Bldg.
CUT FLOWERS & FLORAL DESIGNS
Clarke Bros., Florists, 287 Morrison St.
DANCING EVERY CONE & EVENING
Oriental Cafe, Chinese-American Kitchen
Corner Broadway and Wash. PORTLAND
FOUNDRY AND MACHINE WORK
Commercial Iron Works, 17th & Madison.

GUARANTEED REBUILT MACHINES

Oregon Typewriter Co., 240-A 9th St.
HARD WOOD FLOORING
Oak Leaf Hardwood Floor Co., 231 E.
13th St. N. Floors electric sanded.
MFGS. OF VULCANIZED ROOF PAINT
New roofs and repairing done. Young
and Woods, 1103 E. Commercial St.

MFGS. OF REED FURNITURE

Buy Coast Made Goods. Reed Specialty
Shop, 212 1/2 Commercial St.
OREGON FLUFF RUG CO.
J. H. Lehmann, Prop., 1944 East Stark
St.

FORNIA DENTISTS

Smith Long, 225 Broadway & East 11th.
SALVATION ARMY RESCUE HOME
Will help trouble you.
D. & M. Kay, 214 & Alexandria Sts.
SILVER AND WATER TANKS
National Tank & Pipe, Portland.
TYPEWRITERS--NEW OR REBUILT
Rebuilt Typewriter Co., 204 Oak Street.
Writer System of Suggestive Therapy
Dr. C. W. Ayres, 100 Commercial Bldg.

WHOLESALE AND RETAIL TINWARE

Portland Tinware Mfg. Co., 41 First St.
ALASKA PLUMBING & HEATING CO.
Plumbing Fixtures and Supplies. Pipe
Fittings, lowest prices. 202 E. Morrison
St.

CLEANING AND DYEING

For fur, leather, clothing and dyeing serv-
ice and parcels to us. We pay return
postage. Information and prices given
upon request.
ENKENS CITY DYE WORKS
Established 1898 Portland
DOORS AND WINDOWS
We can sell you Doors, Windows, Roof-
ing, Paint, Glass and Builders' Hardware
Direct. We are manufacturers. Write for
prices before buying. Heacock Sash &
Door Co., 212 1/2 Commercial St.

DRUGLESS PHYSICIAN

Chronic diseases a specialty. Dr. W. N.
Allyn, 302 East 11th St.
EMBROIDERING AND PLEATING--
Accordian side and box Pleating, Hem-
stitching, Buttons Covered, Braiding, etc.
K. Stephens, 215-23 Pittcock Block.
HORSES, MULES BOUGHT, SOLD
Crown Stables, Inc., 28 Front St., Port-
land, Ore. Horses and mules for sale or
hire. Special rates to loggers and con-
tractors. With or without harnesses.
Philip Stuetter, Pres.

U. S. STABLES, 365 Union Ave. Draft horses bought and sold. Experienced opera- tors always in demand. 405 Artisan Bldg. **LEARN MULTIGRAPHING** The Callan School, only recognized school on the coast. Experienced opera- tors always in demand. 405 Artisan Bldg.

Are You Looking for a Dependable Produce Dealer?

Veal
Butter
Cheese
Eggs
Honey
Get our prices.
RUBY & CO.
153 Front St.
Sixteen Years' Reliability.

MACHINERY

Send us your inquiries for anything in
Iron or Woodworking Machinery, Logging,
Sawmill, Contractor's, etc. machinery,
motives, rollers, engines, crushers, mill
Chains, Belting, etc. Burke Machinery Co.,
225 Railway Exchange, Portland, Ore.

MOTORCYCLES AND PARTS

EAST SIDE MOTOR CO.
44-46 GRAND AVE.
SANITARY BEAUTY PARLOR
We have the space and the women.
Twenty-two inch switch or transforma-
tion, value \$7.50, price \$2.49.
405 1/2 Union Ave.

CHEAP COOP FOR BACK YARD

Inexpensive House Will Prove En-
tirely Satisfactory Where Small
Flock is Kept.
It is not necessary to spend much
money for housing if you are going to
keep a small flock of hens in your
back yard. Indeed, it is unwise, say
poultry specialists of the United
States Department of Agriculture.
One or two plain cases, or a large
packing box may often be made into
an acceptable home. But whatever
you build should be made dry and
free from drafts, and have good ven-
tilation. The United States Department
of Agriculture has numerous bulletins
giving directions for this kind of con-
struction, and any of these are avail-
able for the asking, or for a very few
cents where a charge is necessary. A
card to the division of publications,
United States Department of Agricul-
ture, Washington, D. C., will get you
what you need.

Don't Dope Healthy Fowls.

Don't continually "dope" well fowls
with stimulating tonics and condition
powders; they don't need it, if the
fowls are healthy and kept under sani-
tary conditions.

Cull Unprofitable Producers.

Old hens that become lazy get over-
fat and should be disposed of. If three
or more years old, it is not likely that
they will ever again become profit-
able egg producers.

Marketable Fowls.

It does not necessarily follow that
because a fowl seems to be of good
size that it is marketable. Frame is
not all, in the market; it must be well
covered with flesh and a little fat.

Cause of Soft Shells.

If you find a soft-shelled egg occa-
sionally you may know that the hens
are being overfed, or they lack lime
and a proper variety of foodstuffs.

Sunflower Seed Helps Plumage.

A little sunflower seed occasionally
will help gloss the plumage.

cording to engineers, was capable of carrying traffic heavier than any to which modern roads are now put.

French Adopt Schools in Open.

Paris.—Open-air schools as a part
of the French public school system
have been approved by a committee of
hygienists and educators as the result
of conferences between the ministry
of public instruction and Julian Clare-
nce Lev of New York, representing the
French-American Union for Open-
Air Schools.

Horticultural Points

GROWING CROPS IN ORCHARDS

Cost of Bringing Trees to Profitable Bearing is Reduced and Cultivation Promoted.

(Prepared by the United States Department of Agriculture.)
One of the difficulties of fruit growing, either as a main industry or as an incidental to general farming, is the length of time that must elapse before the orchard begins to yield returns. When, as in many sections in spring, a freeze destroys or greatly reduces the expected crop, the loss to many growers, including those who expected to harvest their first fruit in 1921, is likely to be serious. The loss under some conditions can be partly offset and other benefits can be gained by growing vegetable crops between the rows of young fruit trees, say specialists of the United States Department of Agriculture.

Experienced orchardists frequently find it advantageous to grow crops between the tree rows until the trees reach bearing age. After bearing begins it is impracticable to "double crop" an orchard. As a rule, intercropping cannot be practiced in a peach orchard after the third season from planting. Six to eight years is usually the limit for an apple orchard, the exact time depending on the variety, vigor and growth, and other factors. Further, the trees will usually shade the ground too much for the growing of vegetable crops by the time the ages mentioned are reached.

In an "off year," with an orchard that is expected to come into bearing for the first time, many fruit growers will find it to the advantage to plant crops of potatoes, corn, soy beans, cowpeas, shell-beans, or sweet potatoes in states where they can be raised between the orchard rows. The growing of potatoes, however, in an orchard in the "northern fruit belt" is a doubtful practice, since the digging of them amounts practically to a late cultivation of the ground, and under some conditions this might stimulate a late growth of the trees, which would be undesirable. In this way the farmer can utilize about half the space of his orchard land without injury to

the trees or seriously hampering the temporary crop. Tomatoes and other truck crops may also be grown in the orchard. These are sometimes classed as "catch crops"—crops planted for a quick growth.

Where such catch crops are planted it is well first to make a hasty survey of the operations of other farmers in the vicinity and of the available market, since often when similar conditions prevail throughout an entire locality there is a tendency for many farmers to enter on a certain line of temporary agriculture, with the result that the supply far exceeds the local demand. A little foresight may prevent disappointment.

These rows between the trees are somewhat more difficult to cultivate than in the open field, and may require considerable handwork, but in many cases the crops which are planted yield a comfortable profit.

The intercropping of young orchards has an additional purpose besides the mere direct financial gain. It furnishes an incentive to keep the orchard cultivated, and as a rule this is highly desirable from the standpoint of the trees.

An off year furnishes a good time to put the orchard in order by close pruning, such as the orchardist could not easily afford if it meant reduction in bearing surface.

Profit may sometimes be found in a sowed crop. Buckwheat is often a good thing when sowed among young trees. The buckwheat may not pay to harvest for grain, but if mowed before fully mature it makes a good mulch, or if permitted to mature enough grain may be obtained to materially cut down the expenditure for poultry feed. Buckwheat can be sown in June or even in July and still make a satisfactory growth. Field peas, cowpeas and various other crops that make good forage can be used as occasion suggests, and the soil be improved thereby.

The fruit grower should realize that it is the abuse rather than the use of double-cropping systems that may result adversely to the trees. And again, an interplanted crop which is to be harvested and not used entirely for soil improvement should be looked upon as a means of reducing the expense of maintaining the trees rather than a crop which represents a definite cash income.

Starting Young Apple Trees.

Failure with young apple trees is due almost entirely to two causes: improper planting and a failure to prune back the young tree properly at the time of planting.

Successful Spraying.

One of the secrets of success in spraying is doing it at just the right time.

To Destroy Scale.

For scale on orchard trees, spray with lime-sulphur wash.

DAIRY HINTS

MORE MILK NOW BEING USED

Consumption Has Doubled Since 1890, But is Far Below Amount Used in Europe.

(Prepared by the United States Department of Agriculture.)
Forty-four gallons of milk is used by each person in the United States annually, according to estimates made by the dairy division of the United States Department of Agriculture. This estimate refers to whole milk and does not include that which is consumed in the form of ice cream, cheese, and butter. The amount is about twice as much as that used in 1890, when the per capita consumption was approximately 22 gallons. The dairy specialists point out that the increase in the use of milk in the



School Children Learn That a Quart of Milk a Day Keeps the Doctor Away.

last thirty years is as great as that in the preceding 280 years.
The present-day consumption of milk in the United States, they say, is equal to about one pint per day, or as much as two small glasses. That is not a great amount when it is known that it includes not only the milk that is used for drinking, but also that used in cooking. This is a small amount compared to the per capita consumption in some European countries. In Sweden and Switzerland, for example, nearly 70 gallons are used by each person annually.

A high value has always been placed on cows in many European countries, and history records a campaign conducted by Julius Caesar in central Europe where he found German tribes living almost exclusively on milk. In order to provide pastures for their cows they forcibly resisted the settlement of any people near them.

In relating the growth of the dairy industry in this country, the department specialists say that in pioneer days each family kept its own cow. The denser the population became the more important it was to have a well regulated and ample commercial supply of milk. Gradually the number of cows increased, and in time a dairy business grew up in various sections. The development of modern methods in the distribution of milk, with economic sanitary handling, has been closely accompanied by the larger use of this food, they say.

Much of the milk now used in cities comes from many miles, and recently improved methods have made it possible to ship it for long distances in refrigerator cars. At the national dairy show in Chicago in 1919, milk shipped from the Pacific coast took first prize in the market-milk competition with the highest score ever given to milk in recent years.

Cities have always used a smaller amount of milk in proportion to the number of people than general farming communities, the statistics show. For example, Philadelphia reached the record of 23 gallons per capita in 1905, which was fifteen years later than the country at large reached a consumption of 22 gallons. There are, however, many agricultural and nonagricultural rural districts where cows are not kept and where modern methods of milk distribution are not equal to most cities. The people in such places have to depend on canned milk of various kinds, and this, the dairy men say, is an exceedingly valuable means of supplying a need which 20 or 30 years ago could not have been supplied at all.

AIMING FOR PUREBRED SIRE

Western Cow-Testing Association Leaders Making Effort to Have High-Class Bulls.

An effort is being made by the co-operative cow-testing association leaders in the western states to make the bulls of their associations 100 per cent purebred. That there is much interest in this movement is shown by the fact that the report recently received from the western office of the dairy division, United States Department of Agriculture, shows that recently two associations have been added to the 100 per cent list. These are the Sacramento-Yolo and the San Diego, both in California. There are now eight cow-testing associations, in the territory supervised by the western office of the dairy division, having all bulls purebred. Of these, three are in Idaho, two in Colorado, two in California and one in Washington.

Keeping Milk Cool.

The advantages of keeping milk cool are known by every farmer, yet facilities for cooling milk are found upon only a few of the best dairy farms.

Bull Must Exercise.

It makes but little difference how the bull gets exercise; the main point is to see that he gets it.

No Place for Good Milk.

Good milk cannot be produced in unsanitary surroundings.

WRIGLEY'S P-Ks



The Flavor Lasts

Makes a Handy Tool.
From an old screwdriver may be made a handy tool for turning castelated nuts that are inaccessibly located. A slot is ground in the business end of the screwdriver of such a size that as the bolt comes through the nut its end enters the opening, where it does not interfere with the welding of the turning tool.

Opals Found in Few Places.

There are known only five gem-opal regions in the entire world. For 500 or 600 years, a deposit in a remote section of northern Hungary has been mined by local peasants. The removal of opals from this region ceased about 20 years ago. For the most part, stones from northern Hungary are milky white.

A Great Jewel.

We publish beautiful editions of books, to be sure, and thousands of people enjoy them; but in ancient times the expense that we spread thinly over a thousand volumes was all compressed into one, and it became a great jewel of a book, a heavy folio, worth its weight in gold.—Hawthorne.

Upheld Right to Squelch Bore.

If you light upon an impertinent talker, that sticks to you like a burr, to the disappointment of your important occasions, deal freely with him, break off the discourse and pursue your business.—Plutarch.

Frequent Occurrence.

"A man builds a castle in the air."
"Well!" "But it takes a woman to pick out furniture for such an edifice."

Etching for Reproduction.

That etching, as a branch of art apart from its fascinating accidents and means of expression, is also a process of reproduction which interests many of the present-day dealers, artists, and students, cannot be denied.—E. A. Taylor.

"Drumfire's" First Prominence.

Drumfire is first mentioned in Tolstoy's description of the bombardment of Sebastopol in August 1855.

Cuticura Soap for the Complexion.

Nothing better than Cuticura Soap daily and Ointment now and then as needed to make the complexion clear, scalp clean and hands soft and white. Add to this the fascinating, fragrant Cuticura Talcum and you have the Cuticura Toilet Trio.—Adv.

Honesty in Business

It depends upon the point of view whether present-day appeals for honesty in business are regarded as a hopeful sign of the times or as the reverse.—Boston Transcript.

Thirty-One Children in Family.

Gen. Marston G. Clark, a noted Indiana pioneer, who died in 1846, was one of a family of 31 brothers and sisters, by the same father and mother.

Man to Be Dreaded.

In our wild world there is but one altogether fatal personage, the dunce—ho that speaks irrationally, that sees not and yet thinks he sees.—Carlyle.

Cuticura Soap

Imparts The Velvet Touch

Sun Engine Does Good Work.
The most remarkable sun engine, built up to date is operated at Mead, near Cairo, in Egypt. It consists of five 205-foot boilers placed on edge and in the focus of five channel-shaped mirrors. Its heat run for an hour yielded 1,442 pounds of steam at a pressure of nearly 16 pounds to the square inch—equivalent to 63 horse power an acre of land occupied by the plant.

Sharp Reminder.
When poison of any kind is brought into the house it is a good plan to immediately run two common pins through the cork, opposite each other, with the pin points extending about an eighth of an inch past the heads on each side. The prick of the pin gives warning by day or night the instant the cork is touched and proves an efficient safeguard against mishaps.

Good Flow of Gas Possible.
Clean gas stove burners by boiling them once a month in hot soapy water. This will keep them in excellent condition, for an excellent flow of gas is sure when the holes are free from grease.

It Has a Certain Influence.
Perhaps it is true that money never made a man great, but it has caused people to forget many a man's little-ness.

Such as They Are.
Even if there should never be another book published, there are plenty of masterpieces already printed to keep the average reader busy for at least 100 years.—Boston Transcript.

Lived Up to His Motto.
"Give and take is my motto," remarked the thug as he bestowed upon the citizen a scientific rap upon the occiput and then abstracted his valuables.

Lines to Be Remembered.
The only freedom which deserves the name is that of pursuing our own good in our own way, so long as we do not attempt to deprive others of theirs, or impede their efforts to obtain it.—John Stuart Mill.

Penalty of Conceit.
Lots of failures can be traced to the belief that other people are not quite so smart as we are.—New Haven Register.

Basins Invented by Italians.
Basins were invented by the Italian engineers of the sixteenth century to prevent the enemy from collecting in the ditch round a fortified town.

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 with more money. Permanent positions assured our graduates. Write for catalog—Fourth and Yamhill, Portland.

P. N. U. No. 37, 1921