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Any Size.
None Too Small; None Too Large.
WOOD OR CONCRETE.

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Lewis Building
PORTLAND, OREGON

DELCO-LIGHT

The complete Electric Light and Power Plant
Endorsed by more than 50,000 satisfied users throughout the world.

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EVERYTHING FOR THE OFFICE
OFFICE FURNITURE & APPLIANCES
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FIFTH CLASS PRIZES PORTLAND OREGON
COMPLETE LINE OF STEEL FILING DEVICES AND SYSTEMS

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PORTLAND, ORE.
Central Location. Beautifully Furnished
Excellent Cafe. 11th and Stark.

SCHOOL SUPPLIES
Northwest School Furniture Co., 244 2nd St. Everything for schools. Also theatre chairs, church furniture. Folding chairs and seats.

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 out 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.

Showing easy lever operation

K Stump Puller
HAND POWER.
Write today for special offer and free booklet on Land Clearing.
Walter J. Fitzpatrick
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California

Ideals That Uplift.
We cannot reverse anything lofty without ourselves becoming exalted; we cannot reverse anything holy without ourselves becoming purer. The character of our homage determines our characters.—J. H. Jowett, D. D.

FRED DUNDEE
MOTOR CAR REPAIRING
MACHINE WORK
MAGNETO SERVICE STATION
ALL KINDS OF WELDING
CYLINDER GRINDING
PROMPT ATTENTION TO ALL ORDERS!
Broadway at Flanders, Portland, Or.

ACETYLENE LIGHTING SYSTEMS.

Pilot Generators Installed. All kinds of Supplies. J. W. Clancy 533 E. Morrison St.

AGATE CUTTERS & MFG. JEWELERS
Jewelry and watch repairing. Miller's, 355 Wash. St., Majestic Theater Bldg.

AUTO ACCESSORIES
Motors, gears, bearings, wheels, axles, and trailers. We wreck all makes of cars and sell their parts at half price. David Hodas Co., N. Broadway and Flanders.

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

DOG AND CAT HOSPITAL
Dr. G. H. Huthman, Veterinarian Hospital, 415 East 7th St. Phone East 1847, B-1962.

ELECTRIC THERAPY
Dr. MacPherson & Williams, No. 123 1/2 Grand Ave. Acute and chronic diseases, rheumatism, gonor and female troubles, treated by electricity.

FINANCIAL—MORTGAGE LOANS
For Mortgage Loans see OREGON INVESTMENT & MORTGAGE CO., Stock Exchange Bldg., Third and Yamhill Streets, Portland, Oregon.

FOOT TROUBLES
Dr. O. O. Fletcher, 512 Morgan Bldg. Corns, Bunions, Ingrowing toenails, and arch specialist.

MATERNITY HOME
Mrs. Hoffman, midwife. \$50.00 includes everything. 542 Gantenbein ave. E. 3508.

OSTEOPATHIC PHYSICIAN
Dr. R. B. Northrup—308 Morgan Building. Catarrh, Catarrhal deafness, Rheumatism. Nervous and chronic diseases.

PHYSICAL THERAPEUTICS
Dr. R. A. Phillips, 905 Broadway Bldg. Disorders of the stomach, liver, kidneys, bowels, goitre, high blood pressure and female disorders.

SANITARIUMS
East Side Sanitarium, 559 Hawthorne Ave. Modernly equipped. Professional care. Medicated Baths and Massage. Diet, Medical and Maternity cases. Home surroundings.

MILK AND REST CURE—To build health and strength and cure diseases. The Moore Sanitarium. Office 908 Selling Building, Portland, Oregon.

SCHOOLS AND COLLEGES
EMULER BARBER COLLEGE
Will teach you the trade in 8 weeks. Pay you while learning, get you a position. 234 Burnside St. B

Fuller's Telegraph School, Panama Bld., qualifies you for 165 to 185 positions in short time. Write 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.

KANT-KICK-KRANK
FOR FORD CARS:—KANT-KICK-KRANK can be attached to Ford cars by anyone in 15 minutes. When attached you can crank your car with absolutely no fear of kick back. Ask your Hardware or Garage man about it. If your local dealer cannot supply you, write direct for prices and full information. AGENTS WANTED.
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Camping and Touring
Trailers
Double Your Efficiency at a Single Cost.
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SAVE A DOLLAR EVERY TIME YOU FILL THE GASOLINE TANK.
Forty to Sixty per cent more mileage on gasoline. The Petete Combination Manifold will do this for you—frequently more. For Ford and Maxwell cars. Burn distillate successfully winter and summer. Write for particulars. Agents Wanted.
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I sell all makes of cars. Low prices; easy terms. Liberty bonds taken. Every Car Guaranteed.
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Grand Ave. and East Stark St.

FIVE DAYS' FREE TRIAL ON GUARANTEED REBUILT MACHINES. We are also agents for the
WOODSTOCK
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—The—
Rebuilt Typewriter Co.,
300 1/2 St., Portland, Or.

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.

Hotel Hoyt
Corner Sixth and Hoyt Sts., Portland, Ore.
LOU HIMES, Manager.
RATES—75c to \$2. SPECIAL—Week or Month

200 Rooms Near Both
100 Baths Depots
Absolutely Fireproof

Packing the Soil.
It has been estimated by authorities that a man weighing 170 pounds, wearing No. 8 shoes, creates a pressure of 14 pounds to the square inch of surface where he steps. A horse weighing 1,400 pounds creates a pressure of approximately 18 to 23 pounds per square inch under his hoofs while pulling an average load. A tractor weighing in the neighborhood of 1,800 pounds exerts a pressure only about ten pounds to the square inch.

Glass for Spectacles.
Pebble spectacle glasses are made from pure crystal quartz. Fine crystalline quartz is found in every country. It is no better than good optical glass in its optical properties, but is somewhat harder than glass, and when well polished retains the luster longer than glass. Ordinary spectacle glasses are made of plate-glass, which is inferior to quartz in optical quality and generally imperfectly polished.

To keep clean and healthy take Dr. Pierce's Pleasant Pellets. They regulate liver, bowels and stomach.

Authentic Bronte Relic.
An interesting relic of Charlotte Bronte, the novelist, has been presented to the museum at Haworth, England. It is a traveling trunk used by Charlotte Bronte. Inside is a label giving the maker's name and address in Brussels, and there is little doubt the trunk accompanied Charlotte on her journeys between Monsieur Heger's Pensionnat in the Rue d'Isabelle in that city, and her home at the Haworth rectory.

Notable Sayings.
In William Dean Howells' novel, "The Quality of Mercy" the dying and repentant defaulter Northwick exclaims "That's good!" as the handcuffs are placed upon his wrists. "Time flies! Bid Clifford come to me!" orders Judge Jeffrey Pyncheon, in "The House of Seven Gables," taking from his vest pocket the watch which he was never to replace.

Red Heads Have the Advantage.
Many physicians of note are responsible for the assertion that the red-headed are more resistant to disease than less fiery-haired persons, and Sir Arbuthnot Lane expresses the view that "a disease becomes less virulent in type when it gains entrance into the body of a red-head than when it attacks a person with hair of a more modest color."

Take That Extra Forty Winks.
The sage observation that "it's nice to get up in the morning, but it's nicer to lie in bed" is no longer a shameful confession of laziness. The British ministry of munitions investigating the health and efficiency of its workers found that too early rising is harmful.

True and False Freedom.
There are two freedoms—the false, where a man is free to do what he likes; the true, where a man is free to do what he ought.—Charles Kingsley.

Slamming the Lounger.
Many a man's standing would be better if he didn't spend so much time sitting.—Boston Transcript.

Compensation.
Providence has given us hope and sleep as a compensation for the many cares of life.—Voltaire.

ADDED EARNINGS
BEHNKE-WALKER, at Portland, Northwest's biggest business college overwhelmed by calls for trained young men and women. Enroll now. Take a course and a position assured. Stenography, telegraphy, accounting, shorthand, banking, secretarial etc. Write for catalogue.

MEN, WOMEN—Young or old. Make big money. New article for home canning. Sell without talk. Write now. Mutual Novelty Mfg. Co., Tacoma, Wash.

Cuticura Heals Skin Troubles
Soap 25c. Ointment 25 and 50c.

TYPHOID is no more necessary than Smallpox. Any experienced nurse has demonstrated the almost miraculous efficacy, and harmlessness, of Antityphoid Vaccination. Be vaccinated NOW by your physician, you and your family. It is more vital than house insurance. Ask your physician, druggist, or send for "Have you had Typhoid?" telling of Typhoid Vaccine, results from us, and danger from Typhoid Carriers. **THE CUTICURA LABORATORY, BURLINGAME, CAL.** PRODUCERS VACCINES A REAGENT UNDER U. S. GOV. LICENSE

Sore Eyes Granulated Eyelids. Eyes inflamed by exposure to Sun, Dust and Wind quickly relieved by **Murine Eye Remedy**. No Smarting, just Eye Comfort. At Druggists or by mail 50c per Bottle. **Murine Eye Salve in Tubes 25c. For Sore of the Eye READ ask Murine Eye Remedy Co., Chicago**

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We want all you have. Write for Prices and Shipping Tags.
THE H. F. NORTON COMPANY,
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SHIP Veal, Pork, Beef, Poultry, Butter, Eggs and Farm Produce, to the Old Reliable Everlasting house with a record of 45 years of Square Dealings, and is assured of TOP MARKET PRICES.
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45-47 Front Street, Portland, Oregon



ROAD BUILDING

BUILDING OF GOOD HIGHWAYS
Federal Aid Road Act Exerts Important Influence on Legislation in Many States.

(Prepared by the United States Department of Agriculture.)
Federal-aid road projects, unquestionably, are ready for construction in every state this year. Under the federal-aid road act of 1916 every state in the Union is now in a position to co-operate with the federal government in the building of highways.

Results of far-reaching importance and of even greater potential value than the appropriation of federal funds have already been accomplished by the federal act. Among the impressive results is the establishment outright of state highway departments in Delaware, South Carolina, Texas, Indiana and Nevada and the strengthening of other state highway departments so as to remove all question as to the 16 states which were not qualified to obtain federal co-operation at the time of the passage of the federal act.

In the past winter more constructive state highway legislation has been placed upon statute books than has ever been enacted in any similar period since the American republic was founded. The conditions laid down by the federal act as necessary to participate in its benefits operated powerfully to bring about the establishment and strengthening of state highway departments, the placing of a vast amount of road construction under skilled supervision, the systematizing and correlation of road



Getting Road Levels Preparatory to Improving Highways.

work so as to provide the improvements most needed to meet traffic requirements, the creation of large funds for construction and maintenance and the establishment in many states of definite provisions insuring maintenance of highways from the date of their completion.

The working season of 1917 marked the opening of actual construction work under the terms of the post-road provision of the federal act, as necessary legislative and administrative work made it impracticable to get construction projects under way earlier. On January 31, 1918, the secretary of agriculture had approved 253 individual projects, aggregating 2,849.48 miles and calling for an expenditure from federal funds of \$7,324,721.72, and from state and local funds of \$9,917,143.70, making a total of \$17,241,865.42. These projects represented applications from 44 states.

CULVERT OF BEST MATERIAL

Worse Than Folly to Use Boards to Take Care of Roads That Have Cost Much Money.

If the culverts are not built of good material they will have to be rebuilt in a few years, whatever the quality of the roads they are made to serve. Defective culverts vitiate one of the elementary principles of highway economics, and the interests of the taxpayers require that the annual cost of every part of the roads built for their use be reduced to the lowest possible figure consistent with efficiency. Manifestly, it would be worse than folly to build culverts of boards to take care of roads that have cost hundreds or thousands of dollars the mile, and it would be none the less foolish, or worse, to waste money in work of this sort with the use of bad material.

HUSBAND SAVES WIFE

From Suffering by Getting Her Lydia E. Pinkham's Vegetable Compound.



Pittsburgh, Pa.—"For many months I was not able to do my work owing to a weakness which caused backache and headaches. A friend called my attention to one of your newspaper advertisements and immediately my husband bought three bottles of Lydia E. Pinkham's Vegetable Compound for me. After taking two bottles I felt fine and my troubles caused by that weakness are a thing of the past. All women who suffer as I did should try Lydia E. Pinkham's Vegetable Compound."—Mrs. JAS. ROHRBERG, 620 Knapp St., N. S., Pittsburgh, Pa.

Women who suffer from any form of weakness, as indicated by displacements, inflammation, ulceration, irregularities, backache, headaches, nervousness or "the blues," should accept Mrs. Rohrborg's suggestion and give Lydia E. Pinkham's Vegetable Compound a thorough trial.

For over forty years it has been correcting such ailments. If you have mysterious complications write for advice to Lydia E. Pinkham Medicine Co., Lynn, Mass.

Deepest Lake in America.

A lake known as the Great Sunken lake is reported to be the deepest lake in this country, and perhaps in the whole world. Located in the valley of the Cascade mountains, about 70 miles north of Jacksonville, Or., this lake, which is about 15 miles long and four miles wide, is so deep that its depth cannot be measured. It is situated so far below the crest of the mountains that winds cannot reach it, and its surface is like a sheet of glass. It is sometimes called the "lake of mystery."

HEALTHY CHILDREN come from healthy mothers.

And mothers will certainly be healthy if they'll take Dr. Pierce's Favorite Prescription. Nothing can equal it in building up a woman's strength, in regulating and assisting all her natural functions, and in putting in perfect order every part of the female system. It lessens the pains and burdens, supports and strengthens weak, nursing mothers.

It's an invigorating, restorative tonic, a soothing and bracing nerve. Castor oil is good for children or adults, and especially good for aged people. A pleasant form of a vegetable laxative that is to be had at any drug store, was invented by Dr. Pierce, who put together May-apple (podophyllin), aloes, jalap. Ask at any drug store for "Pleasant Pellets," and they can be had for little money. They contain no calomel and are of vegetable constituents, therefore harmless.—Adv.

Both Were Satisfied.

A Missouri livery stable keeper put his hand in a mule's mouth to see how many teeth the mule had. The mule closed his mouth to see how many fingers the man had, and the curiosity of both man and mule was satisfied.

Cuticura is So Soothing

To itching, burning skins. It not only soothes but heals. Bathe with Cuticura Soap and hot water, dry gently and apply Cuticura Ointment. For free samples address, "Cuticura, Dept. X, Boston." At druggists and by mail. Soap 25, Ointment 25 and 50.—Adv.

Produce Artificial Silk.

An original method of producing artificial silk is claimed by a Japanese inventor. The chief ingredients are vegetable essence and mulberry tree bark.

LISTEN TO THIS! SAYS CORNS LIFT RIGHT OUT NOW

You corn-pestered men and women need suffer no longer. Wear the shoes that nearly killed you before, says this Cincinnati authority, because a few drops of freezezone applied directly on a tender, aching corn or callous stops soreness at once and soon the corn or hardened callous loosens so it can be lifted out, root and all, without pain.

A small bottle of freezezone costs very little at any drug store, but will positively take off every hard or soft corn or callous. This should be tried as it is inexpensive and is said not to irritate the surrounding skin.

If your druggist hasn't any freezezone tell him to get a small bottle for you from his wholesale drug house. It is fine stuff and acts like a charm every time.—Adv.