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When in need of a new battery buy the still-better Willard, with threaded rubber insulation.

The Battery Shop

A. V. Hazelton, Propr.

Classified Advertising

FOR SALE

ANGEL CAKES—75 cents each; order by phone, No. 190-J. 92tf

GET YOUR TIRES MENDED and buy a D. M. & C. K. welder for future use. See Mr. Goteher, the tire man at Grants Pass hotel. 1f

12 ACRES oak, madrone, fir and pine, on railroad in Jerome Prairie. Will take wood in payment stumpage. Phone 270. 83tf

600-ACRE STOCK RANCH for sale; about 125 acres in cultivation; considerable irrigation; 2 miles from R. R. station; 1 1/2 miles from two schools; half cash, balance low interest. Address No. 1052 care Courier. 86tf

FOR SALE—Save money in buying the following: Used pipe, all sizes; belting; cable, iron boxes; wood-saw outfits; saws; saw mills; planers; slab and saw dust conveyors complete; bolts; wedges; chains; pulleys; boilers and engines; hoists; any and all kinds of machinery and supplies; we buy, sell and exchange machinery. OREGON MACHINERY CO., Eugene, Ore. 61

FOR SALE—Duroc and Berkshire pigs, 15 head stock hogs. Upper river road. W. S. Tucker, R. F. D. No. 2, Box 36. 56

FOR SALE—One pony, harness, and rubber tired buggy. Cheap for quick sale. Mrs. M. C. Ament. 57

FOR SALE—Good 3rd cutting alfalfa hay. Phone 601-F-13, Josephine Messenger. 58

FOR SALE—Broccoli plants for sale. Phone 601-F-13, Josephine Messenger. 58

NEW CEDAR ROW BOAT, about 14 feet, for sale. \$8.00. Phone U. A. Griffin, 198-L. 59

FOR SALE—Nice, firm Early Crawfords, one cent a pound at Van Dorn farm. Inquire for Mrs. Falvey. Address Lela B. Falvey, Merlin, Ore. 57

FOR SALE—Vetch, gray oats, cheat, rye, baled hay, rolled barley, grass seed. Ralph Waldo Elden 55tf

WANTED

WANTED—Housekeeper. Must be a woman of refinement, not over 40 years of age. Address Solus, care Courier. 39tf

WANTED—50 hop pickers August 29 at old Ranzau yard, 6 miles west of city, north side of river. Apply J. E. Verdin, Rd. No. 2, Grants Pass. 46tf

WANTED—Men to work in lumber camps or up-to-date sawmill. Transportation furnished. For particulars inquire at Breen's Crescent City stage office, Grants Pass, Ore., near S. P. R. R. depot, and express office. Phone 26. 48tf

MEN WANTED—Faller per day, \$5; buckers, \$4.75; limbers, \$4.50; swampers, \$4.50; truck teamsters, \$4.75; yarding teamster, \$5; road men, \$4.50; top loaders, \$5; board \$1 per day. John H. Williams, 706 B street. 74

WANTED—Waitress wanted at the Panama Cafe. 56

FIVE OR SIX prune pickers wanted for work near Riddle, women preferred; can make from \$2 to \$5 per day; car fare paid both ways. Picking commences about Sept. 1. Address or phone Ralph Knight, Canyonville, Ore. 55

W. H. BLANKOU

B. L. GALBRAITH—Insurance, any kind. Rentals. Building and Loan. Plate Glass Liability. 609 G street. 82tf

20 MORE hop pickers wanted at old Ranzau yard. Picking commences September 1. \$1.50 per 100. Apply to J. E. Verdin, R. F. D. 2. 58

WANTED—By couple, no children, a furnished modern bungalow. Will rent same for long period. Phone 44-J or address C. A. Swope, Hotel Holland, Medford. 80

WANTED—Hop pickers, at 1 1/2 cents per pound. Begin September 1st. Riverbanks Farm. 59

TAXI

USE THE WHITE LINE TAXI FOR prompt service. City and country trips. Safety first. Call Grants Pass Hotel, phone 396. Residence phone 320-R. W. G. White. 790

TAXI—Phone Roses Confectionery, No. 169, for taxi. Hurry calls at any time. C. E. Gilson. 35tf

PHONE 262-R for Jitney Lake or Cutler. Headquarters changed to Spa. 56tf

MUSICAL INSTRUCTION

J. S. MacMURRAY—Teacher of singing. Write or apply at 714 Lee Street. 28tf

CIVIL ENGINEER

DANIEL McFARLAND, civil engineer and surveyor. Residence 740 Tenth street, phone 211-Y.

DENTISTS

E. C. MACY, D. M. D. First-class dentistry. 109 1/2 South Sixth street, Grants Pass, Oregon.

PHYSICIANS

I. O. CLEMENT, M. D., Practice limited to diseases of the eye, ear, nose and throat. Glasses fitted. Office hours 9-12, 2-5, or on appointment. Phones, office 62; residence 359-J.

S. LOUGHRIDGE, M. D. Physician and surgeon. City or country calls attended day or night. Phones, residence, 369; office, 182. Sixth and H streets.

A. A. WITHAM, M. D.—Internal medicine and nervous diseases. 624 Medical Bldg., Portland, Ore. Hours, 2 to 5 p. m., morning and evening by appointment.

DR. W. T. TOMPKINS, S. T.—Rooms 1 and 2 Schmidt Bldg. Treats all diseases. Hours 9-12 a. m.; 1-5 p. m. Phone 304-R.

E. J. BILLACK, M. D., Physician and surgeon; office Schallhorn block, phone 54-J; residence, 1004 LawnrIDGE, phone 54-L, Grants Pass.

VETERINARY SURGEON

DR. R. J. BESTUL, Veterinarian. Residence 838 Washington boulevard, phone 398-R.

DRAYAGE AND TRANSFER

THE WORLD MOVES; so do we. Bunch Bros. Transfer Co. Phone 397-R.

F. G. ISHAM, drayage and transfer. Safes, pianos and furniture moved, packed, shipped and stored. Office phone 124-Y. Residence phone 124-R.

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ELECTRIC WIRING and general electrical work, repairing, house wiring. C. C. Harper, 315 North Sixth street, phone 47.

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THE DIAMOND BRAND Tablets. Ask your Druggist for Diamond Brand Pills. They are the only pills that are guaranteed to cure constipation. They are the only pills that are guaranteed to cure constipation. They are the only pills that are guaranteed to cure constipation.

SOLD BY DRUGGISTS EVERYWHERE

AVIATION RESPONSIBLE FOR ADDING 200 WORDS TO ENGLISH LANGUAGE

Dictionary Makers Are Kept Busy Listing New Terms That Entered Our Tongue Through the Development of Flying During the War—Meaning of Some of These New Words Explained in Simple Language.

Students of the English language attribute to aerial navigation the addition of 200 words. As the average American has had in the past a speaking vocabulary of only 650 of the more than 900,000 words in the English language, the increase brought about by the airplane and airship is regarded as remarkable.

For the benefit of those as yet unacquainted with the true meaning of such words as "fuselage," "nacelle," "drift," or "parasite resistance," the Manufacturers' Aircraft association has prepared a "flying dictionary" with the aid of a report compiled by the national advisory committee for aeronautics at Washington.

"Never before has so much aeronautical news been printed," says the Manufacturers' Aircraft association article "yet one of the handicaps is the proper description of equipment so as to give the public—generally uninitiated—an accurate idea of the magnitude of current happenings. This difficulty has also been encountered in government aircraft activities and appears more than ever now that commercial aviation, with proper encouragement, promises to develop soon.

Is Strange Language.

"The 200 or more aeronautical words or phrases in common use on the flying fields or in the aircraft plants are strangers to the average reader. For instance, everyone probably has heard of the aileron, yet many may not know that the ailerons of a biplane are arranged in the trailing edges in a unique manner, causing it to respond at the slightest touch of the controls and enabling the pilot to ignore the lateral attitude of the machine entirely.

"An aileron, to be more specific, is a bit of a wing tip fixed on hinges back on the rear edge at the ends of the wings. It is controlled by wires. When moved from the pilot's seat the ailerons on one side raise and those on the other side decline proportionately, thereby allowing the wind pressure against them to tip the plane to either side as desired.

"A biplane is a two-winged machine one wing placed above the other. A majority of the American and British machines are biplanes.

"The trailing edge' is the rear edge of the wings. Spinning of gliding, it means not only gliding but the angle of the path the airplane takes when it descends under the influence of gravity alone. A plane usually glides by keeping its nose fixed toward the horizon, when it will glide straightaway eight-miles for every mile it is above the earth, or eight in one.

What is an Airplane?

"An airplane is a machine that depends for support in the air on planes or wings and the propelling power of its motors to keep it there, overcoming gravity and at the same time propelling it forward. An airship is not an airplane but a balloon, elongated, somewhat cigar-shaped and provided with a propelling system, car for passengers, rudders and stabilizing surfaces.

"There are three kinds of airships,

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The California and Oregon Coast Railroad Company

TIME CARD

Effective Nov. 19, 1918.

Trains will run Tuesday, Thursday and Saturday

Leave Grants Pass.....1 P. M
Arrive Waters Creek.....2 P. M
Leave Waters Creek.....3 P. M
Arrive Grants Pass.....4 P. M.

For information regarding freight and passenger rates call at the office of the company. Lundberg building, or telephone 131.

the non-rigid, whose form or shape is maintained by pressure of gas inside, aided by pressure of the cables and ropes which hold the passenger car underneath. Then there is the rigid airship, or one having a stiff wood or metal framework inside the big gas bag to hold its shape for it. The semi-rigid airship has a rigid metal or wooden keel or spine along its under side, which holds it partly in shape. Balloons and airships have appendices, too. The appendix is a hose leading from the bottom side of the gas bag to the car and used for inflating it, or, in the case of the old-fashioned spherical balloon, like a big rubber ball, it serves to equalize the gas pressure inside.

"An aviator is an operator or pilot of an airplane, or any heavier-than-air craft. A balloon is a lighter-than-air craft. The term 'aviator' applies to either a man or a woman who drives airplanes. The term 'fuselage' is common, yet not wholly understood. It is the body of the airplane, or the fabric-covered framework which holds the engine in front, the pilot's seat and passenger area in the center between the wings and then runs back to the tail.

"Dope" Used on Aircraft.

"The 'trail group' is general, and it contains, besides the rudder or rudders, depending on the type of machine, elevators in a horizontal position, one on either side of the rudder, and fins which are vertical to the elevators and are fixed, forming one plane with the rudder when it is in a natural position. The controls are the wheel or 'stick' for use of the pilot in guiding his craft, the same as the wheel of an automobile or the rudder bar of a boat. A control has three uses, where in other vehicles, such as the motorcar or boat, only two uses can be found for it. The reason is that aviators have to contend with three dimensions. An auto or boat can travel only backward or forward, or sidewise. A plane can do these things and besides can go either up or down.

"A hanger is a shed for an airplane. An airplane also has 'dope' in large quantities. Dope is a substance resembling glue, etc., used in treating the cloth surfaces of airplanes and balloons to increase strength, produce tautness and act as a filler to maintain the air and prevent the fabric from leaking or tearing. Its base usually is cellulose. The nacelle of an airplane or dirigible is a structure to which the wings are attached. The engine is mounted in it. A nacelle never extends back to the tail, but sometimes protrudes out in front and holds the propeller.

"The term 'pancake' came into use during the war. It means that an airplane, when landing, stragglers out almost level with the ground, instead of diving into it. In other cases the tail is dropped lower than the nose, so that the wings catch the air and retard the force of the descent. A pontoon is a float or buoyant construction attached either under the wings of a hydroplane or flying boat or under its body to keep it afloat. When we speak in terms of speed, we mean air speed, or the relative speed of an airplane in the air, and deducting the actual speed of the air from the distance we have traveled. Ground speed is more common. If we travel from one point to another in ten minutes, making fifteen miles from A to B, we say that the ground speed was a mile and a half a minute, or 90 miles an hour. The undercarriage of a plane is the structure by which it is enabled to land; the braces and wheels, between which a skid bar is sometimes located."

TEAM OBEYED SIGN

There Was No Driver, but the Horses Stopped.

A team of horses owned by an Indianapolis wholesale grocery company decided to move without their driver. The horses, drawing a dray, started slowly. They were just behind the white line at Meridian and Maryland streets when the traffic man turned the semaphores. The "stop" sign faced the horses and they stopped. In a few minutes the traffic man turned the semaphores and the "go" sign faced the horses. They went. As the team stopped at the "stop" sign and started at the "go" sign, the traffic man failed to notice they were driverless. The horses slowly walked to the next corner and again the "stop" sign was up. The horses stopped. And this is the way the driver caught them.

Australian Pearls.

The pearls that come from the coast of Australia are of many shapes and colors, and in the trade have names to distinguish them. Pearls under ten grains are sold by the ounce, above that by the grain. Color has a deal to do with the value. The white pearls go mostly to Europe and the yellow ones to India.



C. Buszcynski, the new consul general to the United States from Poland, has arrived in Washington, and presented his credentials to the state department.

ADOPTS SIX ORPHANS

Rhode Island Man Regrets He Hasn't Room for More.

The appeal of Col. H. Anthony Dyer, "Who will adopt an orphan?" has been answered by Leo F. Myers, well known in sporting circles at Providence, R. I., who has adopted six orphans. They are being tenderly cared for by Mrs. Myers, who told Colonel Dyer she wished her house was large enough to accommodate more. Colonel Dyer's appeal was answered by a number of wealthy East side residents, who are said to have made arrangements to care for one or more orphans in one of the many institutions.

"I wish there were more men and women like Leo Myers and his wife, and we would be assured of good homes for a number of unfortunate children who badly need homes," said Colonel Dyer.

The adoption of six children by Myers will result in other prosperous men taking children to their homes, in the opinion of social workers.

"It keeps me busy buying for the children, but I enjoy it," is Myers' comment.

Leo F. Myers was a political leader of prominence in Philadelphia before moving to Providence several years ago.



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