

Paraffin for Gasoline.

A thousand years ago, the scientists sought to turn the baser metals into gold. Today, with no less zeal but with a chance for success, is the scientific world searching for a cheap substitute for gasoline for use in automobiles and other gas engines.

A device has recently been invented by F. A. Wilkinson, an Englishman, whereby motor cars and internal combustion engines used for driving electric lighting plants and other purposes, designed for running on gasoline, can be run entirely on paraffin, without alteration to the engine or carburetor.

Wilkinson's "bypass paraffin attachment" is inexpensive, and can be fitted up in a very short time, and the engine can be instantly converted to run on paraffin or petrol by simply opening or closing a valve. In order to vaporize the paraffin to enable a start to be made from cold, an electrical heater is provided.

After the engine has started, the paraffin and air passing from the carburetor are heated by introducing a small percentage of the exhaust gases direct into the inlet pipe, which, mingling with the paraffin and air, enters the cylinders for a second time.

When the attachment is fitted to a motor car, the two valves used are controlled from the dashboard by means of steel wires run in brass tubes, but in the case of a stationary engine, the dashboard controls can be dispensed with. For controlling the electrical heater, a switch and pilot lamp are provided.

Bonds Over the Counter.

Bonds in denominations so low that they can be bought over the counter in any store have been recommended to the treasury department by Robert W. Wooley, director of publicity for the Liberty Loan. Mr. Wooley's plan, which has the indorsement of many members of the local committee, was outlined by him at a meeting of the national advertising advisory board.

If this plan is followed, the new bonds will be placed on sale immediately after the terms of the next war loan are announced. They will be sold over the counters of cigar stores, in department stores, everywhere that men and women are in the habit of going.

Benjamin Strong, governor of the New York district federal reserve bank, said that the most important thing now is to get the ground prepared for the coming loan. The persons for whose money a drive must be made, he said, is the class that draws so much money a week in an envelope and spends it all before the end of the next week. He urged that every effort be made to influence people of this class to spend a little less than they get and to put the difference into bonds. In England and France, he said, there are thousands of associations of working people saving money for future loans.

"I want to be a bugler in the marines," a fifteen-year-old lad told the recruiting officer at Cleveland, saying his grandmother approved his idea. He was not accepted.

GRESHAM PEOPLE AND HAPPENINGS

Fred Powell has been very sick for a few days, but is better now.

Mr. and Mrs. M. D. Kern visited with relatives in Portland on Sunday.

Mrs. Minnie Donahue, who has been with Mrs. D. R. Shoemaker for the past month, has returned to her home in Portland.

A. M. Wilkinson, ex-city marshal, left on Saturday morning for Vinsor in Union county, where he will take a position in a lumber camp.

Word has been received from Bert Lindsey and family that they arrived safely at their home in Nampa, Idaho, and that Mr. Lindsey is improving in health.

Tomorrow is W. C. T. U. day at Gladstone Chautauqua. A feature of the day will be a luncheon at which Governor Withycombe will be the guest of honor.

Mrs. W. E. Bates left Monday for an extended visit with relatives and friends. Her mother, Mrs. C. Blair, of Portland, will be with the Bates family during Mrs. Bates absence.

Miss Bessie Howitt has returned from the summer school at the Monmouth Normal, where she has completed the necessary training. Miss Howitt will teach near Salem next year.

Miss Naomi Heater of Dayton, Wash., visited last week with her sister, Mrs. D. R. Shoemaker and her aunt, Mrs. E. A. Leonard. She is now attending the N. E. A. in Portland.

The sum of \$22 which has been collected by Miss Joy and Miss Florence Richey in the Pleasant Valley neighborhood, has been turned over to the local committee to be applied in Red Cross work.

R. E. Confrey, salesman for the Perry Granite company of Portland, was in Gresham this morning accompanied by his wife. His home is about five miles west of Gresham, near the Powell Valley road.

A week-end party which enjoyed an outing at Welches was composed of Fred Todd and family, E. W. Aylsworth and family, Dr. Harry Ott, Mr. and Mrs. James Lawrence, Mrs. Geo. W. Page and baby and Bert Metzger.

William Childers, rural letter carrier, who is on his annual vacation, returned with his wife from a week at Bend, on Saturday last. They motored there and back and visited with F. B. Bayne and wife. Mr. Childers says the roads and fishing are good.

All singers who will participate in the chorus at the Field Day meet on July 28 are invited to meet at the Gresham grange hall next Sunday afternoon at 2 o'clock for a practice. This includes all grangers of the county. Others, not grangers, are invited to assist.

The Womens Home Missionary society will meet for a business meeting at the home of Mrs. A. Hevel at 5 o'clock on Wednesday afternoon. A picnic lunch will be enjoyed on Mrs. Hevel's lawn at 6:30. The families of the members and any others interested are invited.

Art. Dixon, whose wife died near Castle Rock last Wednesday morning and who has been here for several days since the funeral, has returned to Castle Rock to close out his affairs there. He will sell his crops and his stock and come back to Gresham to again take up his residence here.

The July and August meetings of the Gresham grange will be held in the evenings of the usual meeting day. The next meeting will be on Saturday evening, July 14. Work in the third and fourth degrees will be put on and a short program rendered. Light refreshments will be served and a good attendance is desired.

Members of the Wisconsin society will hold their annual picnic at Bull Run next Sunday. An electric train will leave Portland at 9 a. m., picking up passengers on the way, and returning leave Bull Run Park at 7 p. m. A regular old-fashioned picnic, including games with prizes, dancing and a general good time are promised by the committee.

The regular meeting of the Womens Christian Temperance Union will be held at the library at 2:30 on Thursday afternoon. Sewing will be done for the soldiers. The organization has recently sent six good baseballs, at a cost of \$6, and eight dollars' worth of much needed drugs to the soldiers at Camp Withycombe. The supplies were bought of Gresham merchants, who turned them over at wholesale prices.

A meeting will be held in the library Wednesday evening, 8 o'clock, to start a branch of the national reading circle, which is being carried on under the Department of the Interior. Different courses are provided for different ages. There are no charges for membership. A diploma from the government will be given on completion of the work.

W. E. Bates, chief operator of the Gresham sub-station, has received a communication from A. N. McMicken, sales manager of the Portland Railway Light & Power Co., to the effect that the company will no longer make free renewals of carbon filaments and Gem lamps, giving as the reasons the fact that the rates are low and the condition of supply and demand uncertain.

Geo. W. Peck, Great Northern agent at Park River for many years, has been visiting with the families of W. F. and Geo. F. Honey. Another recent guest was Senior Corporal Edward Quigley, a nephew, who is a member of the Washington National Guard, and who has been on guard at important points near Tacoma.

Captain Bauer requests a full attendance of all Home Guards, and any others who desire to join the organization, on Wednesday evening at 8 p. m. sharp. All who have them are asked to bring guns so that drill can be given in the manual of arms.

Rev. F. L. Burns, district elder, will hold quarterly meetings at the Free Methodist church Saturday and Sunday. All are cordially invited to attend.

Little Gwendolyn Metzger underwent an operation last week for the removal of her tonsils and is making a satisfactory recovery.

Miss Bessie Osborne has accepted the position of bookkeeper at the Home Packing company's plant.

Bids will be received by the Board of Directors of Union High School Dist. No. 2, for the furnishing and delivery of 100 cords of first growth red fir wood.

Wood to be delivered at the school premises on or before October 1st, 1917.

All bids to be in the hands of the clerk by July 20th, 1917.

G. W. STAPLETON, Chairman. K. A. MILLER, Clerk, at Bank of Gresham.

John Brown insures automobiles. Phone 513.

- Honor Roll, Young men who have enlisted from eastern Multnomah and vicinity. ERNEST J. ANDERSON, ISAAC ANDERSON, FOREST ARNOLD, ALVIN AUSTIN, TOM BAKER, ELMER BANKUS, HERBERT BASLEE, HENRY BOTTLESON, EDGAR BROOKS, LEON CADDY, A. CAMP, RALPH CRANDALL, GEORGE CRANE, FRANK CRAWFORD, FRED DAVIS, W. DEAVER, EDWARD DICKENSON, RAYMOND DUNBAR, W. EASTMAN, VENCIL EVANS, DEWEY GIBBS, CLIFTON H. HARRIS, C. HENDRICKS, CARYL HESLIN, CLAUDE HESLIN, CHARLES HICKS, JAS. O. HILLYARD, WILLIAM HILLYARD, VICTOR HOLM, HERBERT H. HOSS, RAYMOND HUMASON, ALBERT JOHNSON, GUY JONES, FRANK KENNEY, GEORGE KNIERIEM, ALTON LOVELACE, CHARLES MAYER, JACK MILSTED, EDWARD NOREEN, OSCAR E. NOREEN, ROY OLSEN, RAY PALMQUIST, TOM PARKER, FAY F. POTTER, CECIL PULFER, EARL RADFORD, G. REYNOLDS, VICTOR RICKERT, W. RICKERT, JOE ROSS, NELSON ROSS, RAY SHRINER, OSCAR STONE, LESLIE ST. CLAIR, WILBUR STANLEY, C. STILLIONS, LLOYD TEGART, ALLEN TILLER, GEORGE TOWNSEND, LESLIE TOWNSEND, EDNER WEDIN, ROY E. WOODWARD, In Officers' Reserve Training Corps: FRED CRANE, ED. DUNN, FLOYD METZGER, C. G. SCHNEIDER, ERNEST P. THOM, Engineers Corps: CARL CONGDON, HAROLD KERN, KENNETH C. ROBERTS, DALE RUSSELL, Oregon Branch U. S. Boys' Working Reserves: WALTER METZGER, ARVID PETERSON, RALPH STANLEY, ORVILLE ZIMMERMAN.

SCENIC

Oscar Carlson left Monday for Moscow, Idaho, for a visit with friends and relatives.

Mr. and Mrs. Gust Carlson entertained over Sunday the following guests from Portland: Mr. and Mrs. Swanson and daughter Elsie, and grandma Swanson.

Mrs. Mary Zingshiem and sons, Will and Sherman, Mrs. Anna Tyrrell and daughter Effie, were guests of Mr. and Mrs. J. R. Duncan last Sunday.

Joe Smith visited his twin brothers last week. The latter have enlisted in the hospital corps. Herman is training at the Hill Military Academy and William is at Vancouver expecting a call at any time to go to California.

Mr. and Mrs. Witter and Mrs. Ealy, who have been visiting at the De Haven home, left Thursday for their home in Spokane.

TERRY

Callers at the Coons' home last Sunday were Mr. and Mrs. Fred Pelton and Mrs. Allen Shields. Both women are the daughters of Mrs. Coons.

Mrs. Coons recently went to Hison, Wash., to visit her aged mother, Mrs. T. Hammond, who is in very poor health.

J. W. Coons, sexton of Douglass cemetery, announces that the lawn mower, belonging to the cemetery, was taken from the tool house just before Decoration Day, and he requests that it be returned at once.

Weather Forecast

For the week beginning July 8, 1917. Pacific States: Fair weather with normal temperatures.

The British naval boat is of a light pattern, owing to its being chiefly used for deck duties.

Billiousness and Stomach Trouble. "Two years ago I suffered from frequent attacks of stomach trouble and billiousness," writes Miss Emma Verbyrke, Lima, Ohio. "I could eat very little food that agreed with me and I became so dizzy and sick at my stomach at times that I had to take hold of something to keep from falling. Seeing Chamberlain's Tablets advertised I decided to try them. I improved rapidly." Obtainable everywhere.

Gresham Time Table

Table with columns for destination (Estacada or Bull Run, Portland, Troutdale) and departure times for various days of the week.

*Daily except Sunday. *7:10 a.m. train connects with G. W. P. trains for Portland. Saftey First:—Insure that auto with John Brown before you have an accident, have it stolen or burned. Phone 513.

YELLOW FIR LUMBER. ALL GRADES TO SELECT FROM. FINISH LUMBER, FLOORING, CEILING, MOULDINGS. KILN DRIED. Sash, Doors, Nails, Builders' Hardware. Jones Lumber Co. Gresham Yard.

OUR FRESH-BAKED delicacies will keep well to the next meal. If you've despaired of getting an exact duplicate of your best home cooking, its because you've overlooked this bakery. We can prove that by one trial. CITY BAKERY GRESHAM Phone 11

Fly Way, Fly Way, Fly. Use INTERNATIONAL FLY WAY to keep the flies off the cows. Protecting your Stock from flies means a Saving in Feed. QUARTS, 50c. One 50c Sprayer FREE with each gallon tin at \$1.50. Powell's Pharmacy DISTRIBUTORS. Howitt Bldg. Gresham, Oregon

Gresham Auto Co. THOMPSON GARAGE BUILDING, East Powell Street. Garage, General Overhauling, Repairs, Vulcanizing. Accessories, Oils, Gasoline, Etc. ALL WORK GUARANTEED. Opens next Monday, July 2. MAX PLATH Proprietor

Keep Informed on Leading Events of the Day. GRESHAM OUTLOOK (Twice a Week) with: Daily Oregonian \$6.00, Daily and Sunday Oregonian \$5.00, Daily Journal 5.50, Daily and Sunday Journal 7.50, Evening Telegram 5.00, Weekly Oregonian 1.00, Semi-Weekly Journal 2.00, Daily News and N.-W. Farmstead 3.50. Now's the best time to subscribe. Do it NOW. PHONE 701

A VACATION IS NATURE'S REMEDY FOR THAT PEEVISH FEELING! Professional Experience. If you are planning your vacation perhaps we can offer you a few suggestions that will add to the pleasure of your trip. A lock to make sure of your home's security. An Ever-ready safety razor so that you won't have to take a chance on a strange barber. Fishing Tackle, Guns and Ammunition. L. L. Kidder Hardware Co.

OUR STEAKS are of a quality that makes an instant appeal to every particular man who is hungry and every hungry man who is particular. The character of our meats have won for this market an enviable reputation. It will only cost you so much a pound to investigate our meat and our methods. A. J. W. BROWN, Prop. GRESHAM, OREGON. Gresham Market

United States Depository for Liberty Loan Bond Funds. All those desiring to realize all of the interest accruing on Bonds may now make full payment of their subscriptions and receive from us an Interim Receipt which will be taken in exchange for Liberty Bonds as soon as they can be supplied. FIRST STATE BANK Gresham, Oregon.