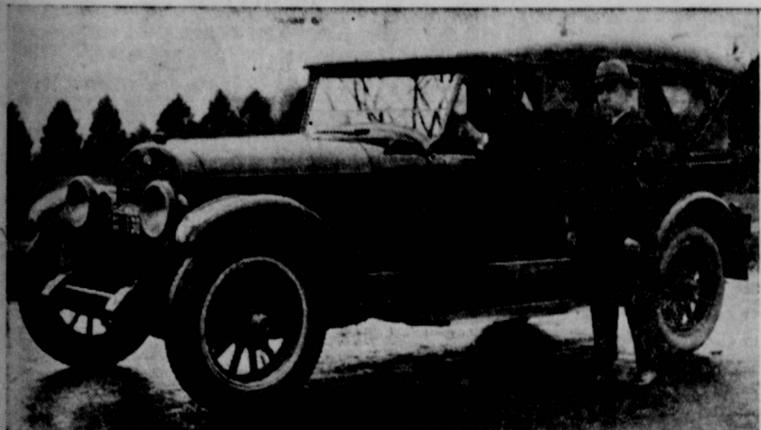


ALONG SEATTLE'S AUTO ROW

Standard Oil Man Buys Lincoln



The first Lincoln was added to the fleet of motor cars in official use by the Standard Oil Co. in this city when G. E. Kenny, district sales manager, accepted delivery on this seven-passenger touring car from John C. Reynolds, assistant manager of the William L. Hughson Co.

FORD OFFERS FARMERS AID

Fertilizer By-Product on Sale by Dealers

Arrangements have been made to sell Ford ammonium sulphate to anyone in need of fertilizer, within reasonable distance of the Rouge plant. It may be obtained thru the regular Ford dealer at reasonable prices.

Ammonium sulphate is a by-product of the coke ovens of the Ford Motor company's River Rouge plant. It is a white, crystalline substance, known the world over as the best source of available nitrogen. Ford ammonium sulphate is guaranteed more than 25 per cent ammonia and 20% per cent available nitrogen. (Nitrate of soda, the next best carrier of nitrogen, the better known, contains only 15 to 16 per cent available nitrogen.)

Nitrogen, the main constituent of ammonia, undoubtedly exerts more influence on the earliness, quality and yield of vegetables than any other plant food element. It may be applied as a top dressing, drilled or broadcast and harrowed in. The usual amount to apply is 100 pounds per acre under normal conditions. It gives excellent results with corn, grain and grass, and is also largely used in orchard fertilization. Ford ammonium sulphate gives particularly effective results with vegetables and truck crops. It can be dissolved in water, one teaspoonful per gallon, for greenhouses, garden or home use. This sulphate should be used sparingly, since it is a highly concentrated carrier of nitrogen, and sufficient potash and phosphates should be present in the soil to support the increased growth which will accrue from its use.

Ford ammonium sulphate is offered solely as a carrier of nitrogen, and in this respect 100 pounds contain as much nitrogen as 132 pounds of nitrate of soda, 290 pounds cotton seed meal, 1,800 pounds of ordinary fertilizer or 4,000 pounds good stable manure.

Mountaineers Enjoy Sports

Snug in Paradise Inn, which is covered to the eaves with a mantle of snow, the 150 members of the Mountaineers' club were enjoying winter sports Saturday, after their long climb from Longmire Inn Friday.

The party made the climb from Longmire's in six detachments, each led by a veteran mountaineer. L. A. Nelson guided the entire party, which traveled on snowshoes.

The snowshoe and ski champions of the party were preparing Saturday for the snow tournament Sunday, when prizes will be given for the most daring snow feats. The long ski run near the inn is being utilized by the professionals, while the amateurs content themselves with a shorter run from the guide house to the inn.

Mount Rainier was revealed for the first time Friday, when the fog banks drew aside for a short time. If weather is favorable, Hans and Heine Fuhrer will attempt a climb to the summit.

Murderess May Get Insurance Whether or not Ruth Plumley, now serving a life sentence at Walla Walla for the poisoning of her husband, Hugh C. Plumley, April 23, will receive \$2,000 life insurance as the result of her husband's death is to be decided in Federal Judge E. E. Cushman's court Tuesday.

The Equitable Life Insurance society, with whom Plumley was insured, holds that Mrs. Plumley paid the first premiums on her husband's policies just two hours before poisoning him, and should therefore lose her right to the fund.

Architects Would Decorate Bridge Ornamental features will decorate the Montlake-Stadium bridge, if the Washington State chapter of the American Institute of Architects has anything to do with it.

The organization filed formal protest with the city council Friday against the elimination of bridge decorations from the plans.

Nearly 2,000 autos a month, at an average value of \$823, have been imported by Great Britain.

Bearings need constant lubrication.

VAST DETAILS IN CAR PLANT

Constant Changes Made by Oakland Company

Four hundred thousand square feet of blue print paper are used each year in the drafting departments of the Oakland Motor Car Co., Pontiac, Mich., or enough to paper the walls of more than 300 average sized homes. This paper is used by the drafting divisions of the designing engineering and tool engineering departments.

The tremendous amount of details and records to be kept by the designing engineering department of a large automobile company may be gleaned from the fact that approximately 50,000 blue prints of the parts of the car are on file at the Oakland Motor Car Co.

Every time a change is made in the design of a part, 15 new prints are made to replace the old prints and sent to the various departments in which the parts are manufactured. Change notices are likewise distributed.

Approximately 20 parts list books are kept on hand, giving the details of every part that goes into the car, sub-assembly parts and large unit assembly parts. Changes are made in these books, too, each time a change is made in any blue print.

Every change in design must first have the approval of the chief engineer before it is presented to the head of the company for final decision.

Auto Engineer Still Has Many Problems

What are the problems facing the automobile engineer?

This question sounds superfluous, with the highly developed cars seen on the streets. But, take it from C. C. Hanch, vice president of the National Automobile Chamber of Commerce, there are still some radical developments to be considered in automobile research and design, before the motor vehicle can be declared perfect.

These he enumerates as follows: Developments of strong, light metals; also steels and alloys with high tensile strength.

Designing of carburetors which will reduce fuel consumption and also successfully utilize low grade fuels.

Improvement of braking and spring devices.

Building of more easily manipulated transmission.

Advance in headlighting system which will minimize glare.

Simplification of construction in general.

Developments of equivalents or substitutes for existing materials.

Culture and manufacture of tea has been established on a small scale in South Carolina. An excellent grade of tea, black, green, oolong and other sorts, has been manufactured and finds a ready market in the United States. New and improved machinery has been invented and the ability of negro children to pick tea efficiently has been demonstrated. There is so much hand labor involved in picking the leaves, however, that it remains quite doubtful whether the Southern states can compete with Ceylon, Japan and China in the growing of tea.

Coffee is grown in some of the insular possessions of the United States but not in continental United States. Some experiments have been carried on in the Southern states, and some little coffee has been grown under the protection of hot houses, but this could not be carried on on a commercial basis.

Some bananas are grown in Florida, Louisiana and California, but only enough to supply local demands. Pomegranates are grown in the southern part of Florida and the warmer parts of California and Texas.

How can paint be removed from glass?

Try common washing soda dissolved in water; let it soak a while— if put on thick, say 30 minutes—and then wash off. If it does not completely remove, give it another application.

Can tortoise shell or horn be welded and molded?

If tortoise shell or horn is heated in oil or boiled in water it may be welded together under pressure or molded into a form which will be retained when cooled.

AND SO THEY GO

By Berton Braley

TEN little motorists driving down the line, One hit a trolley car—then there were nine.

Nine little motorists monkeying with Fate, One bumped a motor truck, then there were eight.

Eight little motorists trusting much in Heaven, One tried to hog the road—then there were seven.

Seven little motorists trying clever tricks, One met a railroad train—then there were six.

Six little motorists thought that they could drive, One skidded off a bridge—then there were five.

Five little motorists speeding more and more, One struck a Thank-you-m'am—then there were four.

Four little motorists driving recklessly, One sassed a traffic cop—then there were three.

Three little motorists heaving into view, One passed upon a curve—then there were two.

Two little motorists out to make a run, One hit a granite wall—these there was one.

One little motorist packing quite a bun, He's in a prison cell—so there was none!

Here is a history it is well to heed, It has a moral he who drives may read!

(Copyright, 1922, Seattle Star)

Cynthia Grey:

Mother Asks if Daughter, Still in Grade School, Should Be Allowed to Use Cosmetics to Make Up for Parties She Does Not Attend.

Dear Miss Grey: I have a dear daughter, 15 years old, who does not go out nights, attends few parties, and has never been to a dance. Occasionally, however, she does go to a picture show.

She makes up for it, tho, in powder, rouge and a few nice clothes, which she generally flaunts at grammar school. Her dad, every time he can, says that I am not bringing her up just right, and that his parents would be shocked. Do you think it is not best to allow her to use these things instead of allowing her to chase around and do things which I know nothing about?

When she begins to feel lonely, I draw on her imagination and discuss how she would look in this dress and that hat and coat, and when I can I buy her some nifty little apron or gingham dress.

I do not object to her having some of her boy and girl friends call on her if they are not rowdies, but is her dad justified in saying that I am not bringing her up right?

A READER.

You seem to have taken the attitude that your little daughter must have special privileges to make up to her for the parties and dances to which she does not go. However, I don't think that she is getting up as much as you seem to think she is.

A girl in grade school should not go out at night, except occasionally on Friday or Saturday, to a private party, where there are children of her own age, and where clean fun and games may be enjoyed.

Agreeing that perhaps 20 years ago, parents were too strict, it is not for the welfare of this and coming generations that we should permit young people to absolutely "cut loose" now.

There is nothing unusual in the fact that your daughter stays at home in the evenings, and there is nothing in that to justify her in using cosmetics, and wearing her best clothes to school. Plain, good clothing, and not too much of it, should characterize the wardrobe of a 15-year-old school girl.

It would, in the long run, be worth your while to let your daughter invite her friends to her home as often as she cares to have them, particularly if she is an only child. The companionship will be good for her provided that it is not overdone to such an extent that it will interfere with her studies.

Try to interest her in cooking, sewing and homemaking. Let her have a certain time for outdoor exercise; stop the use of powder and rouge (at least until she is a few years older), and you will have a healthy and happy daughter by the time that she has reached womanhood.

Is borax good for the hair? Washing the hair in borax is very good unless the hair has a tendency to be dry, and if so oil shampoo is best to cure this.

Are tea, coffee, bananas and pomegranates grown in any part of the United States; if so, where?

ACROSS SAHARA IN AUTO



French engineers are determined to cross the Sahara desert by auto. Their second attempt will be made in January in the truck shown above. Note its queer caterpillar traction and guns for defense. Map shows the 3,600-mile route to be taken.



Ford

INTERESTING FACTS

106,327 Ford Cars and Trucks Retailed in November

Approximately the same number scheduled for delivery this month

What Does This Mean?

This volume of deliveries to actual owners is entirely unprecedented for this time of the year—

It has taxed the manufacturing ability of the Ford plants working at full capacity—

It indicates a volume of business during the rapidly approaching months of "heavy demand" which will be far beyond the maximum production schedule which the Ford Motor Company has set—

And that means a Ford shortage even more acute than the one which existed last Spring and Summer.

Dealers' stocks all over the country are low—there are no reserves to draw upon to meet the demands for delivery—

There is no way in which dealer reserves can be built up, as deliveries have been made to customers as fast as Cars could be manufactured since last April.

The only way you can protect your desire to obtain prompt delivery of a Ford even at this time is to place your order immediately.

This emphasizes more strongly than anything we could possibly say the necessity of your making prompt arrangements with a Ford Dealer for the listing of your order, particularly if you are contemplating the purchase of a Ford Car or Truck for use this Spring or Summer.

We believe you are entitled to know these facts as they actually exist.



Detroit, Michigan

SEATTLE AUTHORIZED FORD DEALERS

- WEST SIDE AGENCY, Inc. 4203 West Alaska St. West 1474
- COLUMBIA MOTOR CO. Rainier and Ferdinand Rainier 0425
- W.M. L. HUGHSON CO., Inc. Third Ave. and Stewart St. Elliott 0076
- W.M. O. MCKAY CO. 501 East Pine St. East 0885
- HUGH BAIRD 601 Fourth Ave. Elliott 0750
- CANAL MOTOR CO. 815 Nickerson St. Garfield 0074
- CENTRAL AGENCY, Inc. Broadway and East Pike East 0820
- COYLE & WOODRUFF, Inc. 1100 E. 45th Street Kenwood 0031
- HART & HART, Inc. 6200 Stanley Ave., Georgetown Glendale 0550
- RAINIER MOTORS CO., Inc. 1601 Jackson St. Beacon 0532
- WILSON & KREITL, Inc. 4763 Ballard Ave. Sunset 4633
- LAMPING-McDONALD MOTOR CO., Inc. 12th and East Pike East 7776

A Small Deposit and Easy Payments if Desired