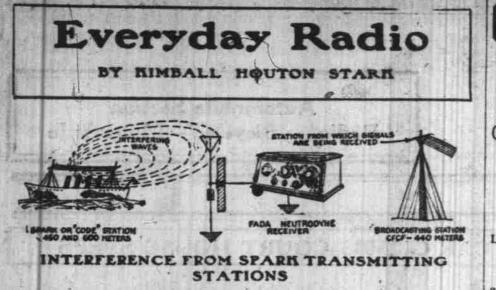
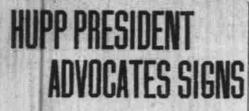
THE OREGON STATESMAN, SALEM, OREGON



Interference from spark or "code" interference from a ship spark stanitting stations, contrary to tion is graphically shown. Such a the average belief, is not due to ship station operating on 450 meradio amateurs or "Hams," but in ters interferes with reception of signals from a broadcasting station opmost cases is due to commercial erating on 440 meters. ship and shore stations operating on

The annoyance which this interwave lengths within the bands given ference is causing broadcast listenover to broadcasting stations. Near-by powerful spark stations may allocating these ship and shore stabreak through on any wave length tions to wave lengths higher than on any type of receiver, although those used by all broadcasting sta-the particular wave length at which tions. Ultimately most all spark interfering stations are trans- stations will probably be replaced mitting is usually at the present day by a different type of radio trans-at or above 600 meters. mitter, which will free the air from In the drawing as an illustration this objectionable interference,



Believes That Signs Should be unusually low, the remedy is Be Placed Where Speed Limit Changes

By CHARLES D. HASTINGS. President and General Manager, Hupp Motor Car Corporation

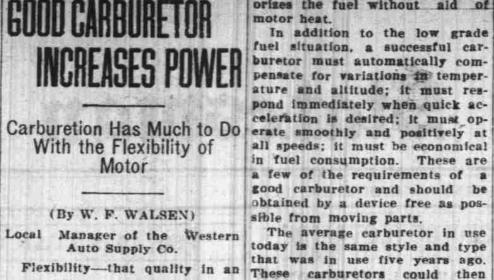
We have heard considerable during the last two or three years not until then, is the hapless autoconcerning the abolition of "speed traps." These are stretches of road where, from the surroundings

the motorist believes the state law permits him to travel at a higher rate of speed than some purely local legislation actually does. Such a local act is obviously

unfair, even though "ignorance of given complete information reg- automobile owner who desires to the law excuses no man." Where arding speed laws. it takes on the character of a

nuisance, automobile clubs, parti- land easily readable signs have it in a spirit of friendliness that cularly, have done much to ab- been erected along the highways cannot help but add to the reveolish it. But even where it is to the driver's right informing nue that the surrounding territory not it is still unfair to the well him of the maximum speed. These can reasonably expect to receive intentioned, but uniformed, auto- signs, orange with large black let- from the tourist business. mobile owners. Hundreds of thou- ters, inform the motorist that he

ed through such methods from "Begin 20 Mile Limit" or "Begin should pass without delay. of such a law is that the auto- a city, or emerges into the open would be more than offset by the



automobile engine that will combine the advantage of throttling down to a low rate of travel with quick acceleration-has occupied the close attention of automotive dition, until Eddie Winfield conengineers for years.

The vital necessity of this requisite in a motor today is more pronounced because of the conested condition of traffic in the business districts, which calls for snail-like pace, then ranid movement. On the country road, flexibility is again highly desirable when the driver wishes to pass a car ahead or sprint out a traffic

only is justifiably provoked, but jam Carburetion has undoubtedly that his and others' attitude remore to do with the flexibility of sults in considerable loss of legitthe motor than any other one imate revenue to the adjacent thing in the operation of the presmunicipalities from the touring ent day automobile. The success-

ful carburetor must be able to Granting that there is a special properly adjust itself to meet the reason why the maximum speed varying conditions resulting from law at some particular spot should the use of the low gravity gasoline sold throughout the country today. obvious. Posting of conspicuous It is not only difficult to vaporsigns adjacent to the roadway inize such fuel, but a large amount forming every motorist of the exact speed limit is that remedy. the mixture is too rich, and it of it is not consumed at all when passes through to the cylinders isolated instances but along every as a liquid in place of a vapor. main highway. In other words, The unused fuel works its way signs should be erected wherever into the crankcase, thins the oil the speed limit changes. Then if and reduces its usefulness. On

that speed limit is violated, and some makes of cars this condition is partially remedied through the mobile owner morally as well as use of a specially constructed At least one section of the coun-At least one section of the counlegally guilty. try has already taken steps to co- overcome all of it without first

operate in this respect with the passing through a carburetor so touring public. That is in Maryland constructed that it completely vapwhere the automobile owner is

obey the law the necessary infor-Today in certain parts of Mary- mation at a glance. They convey

This is legislation of the proper sands of dollars have been collect- should "Begin 15 Mile Limit or sort. It is legislation that states

DEALERS ARE MORE PRACTICAL TODAY Oldsmobile President Claims

That Experience Has Made Better Dealers

Better work will be accomplished by automobile dealers in 1925 The average carburetor in use today is the same style and type than ever before in the history that was in use five years ago.

of the industry, according to A. These carburetors could then B. C. Hardy, president of Olds handle the fuel situation, but the Motor works, who has just comquality of gasoline has gradually pleted a trip through the east, decreased. Little or no provision middle west, and northwest. The was made to meet with this conconditions he met during his journey through this section, comprisceived the idea of combining a ing more than half of the country,

cylinderical trottle, multiple jots, were most encouraging. three stages of vaporization and Mr. Hardy is plain spoken and proper mixture proportions withdoes not believe in gilding the out the use of moving parts. As lily or painting a rosy picture a result, the high speed and quick when "posies" are not blooming. acceleration which were obtained He does not believe that any utohave made it the popular carburepian era confronts the automobile tor with world famous racing drivman, but does think that the iners such as Ralph De Palma, Peter dustry throughout has reached a De Paolo, Eddie Hearne, Sig sane condition with its feet on the Haugdahl and a host of others.

floor and that while it will entail The remarkable success of the work, success is within the grasp Winfield on the track brought a of any dealer. Here are Mr. Hartremendous demand from the dy's views on the automobile dealowners of pleasure vehicles to er and his chances of selling autowarrants its production for genmobiles:

eral usage. The Western Auto "A year ago," said Mr. Hardy, Supply company was one of the visited several of the districts first to handle the Winfield proincluded in my present trip. There duct, after it was decided to marhave been remarkable changes ket it for the pleasure and comduring that period,-changes that mercial car. Favorable reports at first almost contradictory.

from all users lauding the quicker "Dealers from Maine to Monacceleration, hill climbing facts. tana, practically without excepand general motor flexibility gaintion, are more optimistic than ed through the use of the Winthey were last year. This optimfield are constantly being received ism, however, is not based on the at the Western Auto Supply comidea that the world is going to pany in every city where they have clamor at their doors demanding established an auto supply store. cars. It is founded on the belief

that dealers are going to sell enough cars to make a reasonable profit.

"This viewpoint of the dealer" reflects a new condition. Dealers are without exception more practical today than ever before. The floss and foam has blown away. eaving the dealers face to face with the stark realities of their business. The result has been

that they are getting down to the rock bottom the economics of merchandising.

"Dealers today have an excellent working knowledge of overhead, costs, profit and lose and such de-

tails that not so long ago were scorned by many. They know there are comparitvely few motor- how much they can allow on a those who had no intention of 35 Mile Limit" as he enters the It is reasonable to expect that ists who really know what is good used car; they have figured out violating the law. The outcome business or residential section of the cost of posting such signs gasoline." states W. R. Speck. just how many cars they must sell "A good gasoline should have a to pay expenses.



SUNDAY MORNING, MARCH 29, 1925

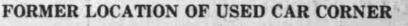
Nothing has been spared to make our plant modern in every particular. Our repair shop is supervised by Mr. Hobart Smith.

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orizes the fuel without ald of

Good Gasoline Should Have Low Initial Boiling Point

Is Claim

"Thousands of gallons of gasoine are used in this locality, but

mobile owner who is unfortunate country.



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Willard or not, come to us. You can rely on our judgment in

battery problems. JOE WILLIAMS PHONE 198 331 COURT STREET The Battery Man

STORAGE •

benefits of a greater number of low initial boiling point for easy feeling. French Program Will Be Broadcasted This Thursday combustion: and as high an end point as the climatic conditions

The following program will be broadcasted Thursday, April 2. mile-age. from all Ttwater Kent Radio stations, according to Radio Headquarter, local Atwater Kent reprentatives.

Delibes:-Entrance of Bacchus and Procession from "Sylvia," orchestra. Gounod:-Kermesse scene from

'Faust." Debussy:-Group of Piano soles Gounod:-(a) Hymn a St. Cecile, orchestra Debussy:--(b) "En Bateau"

orchestra Berlioz:-(c) Valse Des Sylphes "Damnation de Faust." Tenor :--- Group of "French folk Songs." Massenet :- "Elegie," soprano,

violin obligato. Saint-Saens: - Ballet Sul Henry VIII, orchestra. Saint-Saens-Bacchanale Sampson et Delilah.

RADIO NOW ENTERING

STANDARDIZATION STAGE

That radio equipment is fast "Mr. Speck explains that this becoming standardized will be wel- unusually high quality found in come news to radio users and the product of the General Petropeople who would like to enjoy leum corporation is due to the states. Business is flourishing, radio, says a bulletin just issued process used in refining. He states by the American Radio association that the same principles holds getting a good share of the prosthe national organization repre- true in the refining of good gaso- perity.

senting the listener-in. It is said line as in the chemistry "lab." "Generally speaking the automobile industry appears best in that a large number of people Should a dozen or more students the rural sections. This may be express a desire to own receiving be given a glass of water to purify, due to the better prices received sets but are fearful that they can- it is highly probable that the for crop, and also to the habit of not hook up the batteries and an- same degree of exactness would tenna and make other electrical not be found in the result of each. city dwellers to wait until the last moment before making purchases. connections properly. Some would have accomplished "It is not likely that any rec-

"Standardization means no less their task to a much greater exords will be broken this year in than bringing order out of chaos." tent than others; due either to said Alfred M. Caddell, secretary the care and diligence with which the number of automobiles made of the association. "Purchasers they worked, or to the method and sold. But it is safe to assume of radio equipment not otherwise they used. that automobile dealers will work skilled in the art will now be enharder and be more prosperous In the same way in the producabled to hook up the right bat- tion of gasoline, starting with than they were last year."

tery to the right terminal in the crude material of similar base, in set without fear of making a the end a great difference may be wrong and sometimes unfortunate noted in the final product. Each mistake. For instance, a blue drop of crude petroleum has hidcord will be used to designate the den away a small amount of gasoantenna circuit, due to the fact line, some kerosene and lubricatthat the antenna is always asso- ing oils of various weights. It believe, perfection in operation. ciated with the blue sky. Yellow is the duty of the refiner to sepcord will be used for the filament arate these in the proper manner. tubes carry the oil from the large circuit to suggest the color at and if he is to have a balanced oil pump of each of the seven which the filament of the tube product of the first class, this main bearing, bathing the bearburns. Bright red has ben chosen must be done accurately. The ings and valve mechanism conto indicate the highest positive B General Petroleum corporation stantly in a stream of free all." battery potential, this being con- feels that it has accomplished this says J. H. Macien, of the F. W. ventional electrical engineering end, and a result has given to the Pettyjohn company, local Rickenpractice. Black cord designates motoring public a good gasoline, vacker dealers. the ground wire, and so on. Tele- that will stand the challenge of

phone plugs and jacks, vacuum 'fill upband let the engine dectubes, dry batteries and the like ide'." have likewise been standardized

from the standpaints of termin-There's no more horn blowing ology, physical dimensions, con- than there was a year ago. It's the State highway system of Calistructional details and features in- just done at the steering wheel fornia and Nevada are to be imvolving operation. instead of at the bar.

"The same conditions are reflected in the salesmen. At the out excessive use of the choke; an Boston automobile show and at even range of 'boiling points' to several other exhibitions I recently

attended, it was surprising to see insure steady, clean and complete how closely salesmen had studied Hop Man Buys a New their cars. They were read to

will allow to insure the maximum answer any questions regardin mechanical or engineering details. Not so long ago they were satis-"All automobile owners expect fied with sales talks replete with from a dollars' worth of gasoline

a dollars' value in quick, smooth generalities. "These changes in the attitude response to the starter and accelerator. They desire easy, wing- of dealers and salesmen will mound they will do better work than like speed along boulevards and straightaways; boundless driving ever before and all,-the auto motive industry and the public power, that lifts them, rearing, up will benefit. The leading aut. a hill or through heavy going; and mobile manufacturers are doin they ask for flexibility that will considerable to aid this new cond. allow them to slip deftly, swiftly, tion by assisting their dealers i. into and out of traffic 'holes.' their merchandising activities. "Thousands of users of General

"General business condition: gasoline state that they find all appear to bear out the optim ... of their expectations filled in the attitude of the dealers. In in 'clean power' sold at the green-and eastern states there has been imwhite signs through all indepenprovement during recei. ...... dent dealers. They state that by Nothing can be experted that using this gasoline they experience could be classed as a boom, but no difficulty in getting immediate action from their starter, no mat- a general steadying of business with its resulting ease of mind to ter whether in be mid-summer or the wage earner may be looked near the New Year. They have

for given General the supreme test. "The middle west also looks both in summer and winter, and good. In fact this section has have found if not lacking, whether been less affected by spells of deit be in speed across the valleys, or in pulling-power over the hills." pression during years than other

OILING SYSTEM SAID

GOVERNMENT TO AID

PRACTICALLY PERFECT

CALIFORNIA, NEVADA

Several important sections of

proved by the United States Bu-

"The oiling system used on the

improved Rickenbacker cars is the

result of many tests and is, we

sections of the country. "The greatest improvement, however, was in the northwest and the automobile industry is

according to an announcement by District Engineer C. H. Sweetser of the San Francisco office of the bureau. 1 - 60

1. at 1. at

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distributors of Seib-

erling and Pertage

Tires.

or Belleric and

## Packard 7 Pass. Sedan

One of Packard's finest vehicles was delivered to T. A. Livesley vesterday.

Among the beautiful creations of the Packard models is the seven passenger sedan limousine, a two compartment car that can be given a sedan effect through lowering the plate glass partition which drops into the rear of the drivers seat.

Mr. Livesley selected this model as being the last word in motor car construction, the acme of the arriage builders art.

Nature man: Seventeen habits and nine regular pains done up in a skin.

Perhaps the cynic prefers a metropolis because it contains more people to despise.

If only the brakes would get tight when the driver does.

> Now is the Time to Begin **Tire Economy** McCLAREN CORD

> > A Perfect

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Smith & Watkins

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Now authorized Duco refinishing station.

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front to rear, a continuous wall of iron and steel housings behind which the Buick driving units operate. Dirt and wear kept out-lubrication kept in! Only Buick has all of this protection. Another big reason why the Buick name is a synonym for reliabilityand why there are more than a million Buick owners.

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WHEN BETTER AUTOMOBILES ARE BUILT, BUICK WILL BUILD THEM

