Hupmobile

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1914 PACKARD "38" touring, wonderful 1916 OVERLAND touring, big reduction, 1916 BUICK touring car, run 2000 miles, 1915 Imperial roadster, brand new. 1916 PULLMAN touring, upkeep very lit-

1916 ARI Young steeter equipment 350.

KRIT roadster, demountable rime, 350.

KRIT roadster, demountable rime, 350.

CVERLAND touring, extra tire, 3275.

HUDSON light five-pass touring, 3550.

LOCOMOBILE 30, very powerful, 3256.

NATIONAL touring, Al condition, \$400.

PACKARD "30," T-pass touring, \$556.

1915 REO touring at a saving.

EVERETT roadster, thoroughly overhauled, \$250.

R. C. H. runabout, good value, \$200. 1916 PULLMAN touring, upkeep very lit-tle, at a saving.

R. C. H. vunabout, good value, \$200
1914 BUCK touring car, electric equipPERLESS 7-pass, touring, Al condition 1934 BUICK touring car, electric equipCHAMMAN light touring, \$300.
CHAMMAN light touring, \$300.
CHAMMAN light touring, \$300.
SECOND roadster, five good tires,
\$150 SECOND roadster, costs little to run,
1914 HAYNES touring, good shape, \$400.
HISTORIPAKER touring, good shape, \$400.
Hundreds of other make touring cars, receders, limousines and coupes,
Trucks and Delivery Wagons, from 1000 lbs. to 3-ton capacity.

Gorson's Automobile Exchange 238-40 N. Broad St., Philadelphia Barrain Bulleti

By Associated Press

Washington, D. C., Nov. 20 .- Coanticipation of another record-break- promptly and efficiently handled.

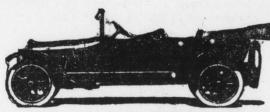
PLEADS FOR CO-OPERATION
IN HANDLING OF MAIL out instructions to postmasters for the quick and effective dispatch and de-

livery of such matter.

Persons are advised to operation of the public in the handling Christmas mailing early. Mr. Burelson of the Christmas mails is sought by is confident that if the public will aid Postmaster General Burleson, who, in to that extent the holiday mails will be

The Chandler Owners Have Christened It The Six With a Marvelous Motor

Their experience has pointed out to us this great selling point, the distinctive superiority of the Chandler Motor.



The Chandler motor is the finest American development of the long stroke principle. It is perfectly designed, beautifully made, precise as a watch and it is powerful. In it, and on it, you will find every highgrade feature of the costliest sixes

CHANDLER SIX ANDREW REDMOND

Distributor Third and Boyd Streets, Harrisburg, Pa.



A Real Live Automobile Service

Mr. Automobile User:—Our business is storage batteries. We are specialists. We will recharge, repair, care for or replace your battery. We will do the work promptly and at the right price. We are the local Distributors of the

"Exide" Starting Battery

The "Exide" is the most widely used automobile battery in the country. There are over 200,000 cars equipped with "Exide" Batteries for starting and lighting.

Remember our service is prompt, reliable and courteous. Let us serve you and serve you well. Stop around and get acquainted.

Excelsior Auto Company Harry L. Myers, Mgr.

Studebaker Cars Had Runs in Every State This Week

The greatest and most remarkable

event.

Each car was to cover 250 miles per day, making in the aggregate 1,000 miles. Everywhere, according to reports received by the Studebaker Corporation, an unusual degree of interest has been manifested, great crowds turning out along the courses selected to watch the cars speed by.

In some of the States rain put the roads in the worst of concelvable conditions, but perfect scores were registered, notwithstanding. The average running time for the 250 miles was eight and one-half hours, though the Lansing, Mich., dealers covered 263 miles in exactly seven hours time. The speed maintained ranged from 27½ miles per hour to in excess of fifty miles, the authorities along the various courses very kindly temporarily calling off limits.

A 1916 Studebaker Four was used at

ourses when the varimers, the authorities along the varicaling on imits.

caling on imits.

Synacuse N. Yand made the required
distance in eight and one half ure.

The highest speed attained by this car
was fifty miles an hour, and nearly
one hundred miles was over unimproved roadway, through hard rains.

Doors on Jackson Open

by Touching a Button

"Where are the door catches? How shall we open the doors?" queried a customer of a local Jackson dealer, as he looked at the new Jackson model "34." Then, on closer observation, he became aware that instead of the usual catch or lock, the Jackson is equipped with a new type push button, countersunk in a neat metal frame flush with the door. Pressure on this button immediately opens the doors.

This does away entirely with any chance of tearing dresses, pockets, etc., in the catches and removes the risk of doors being accidently opened. These door latches are considered."

"In the Knight motor there are two sleeves—round shells of cast iron—in each cylinder, operating between the cylinder, operation the observed and lowered by a connecting round from an eccentric state. This eccentric shaft. This eccentric shaft he same as the cambal operation, the best head of the same as the cambal operation the operation the operation the operation of the same as the cach of the same as the c

on this button immediately opens the doors.

This does away entirely with any chance of tearing dresses, pockets, etc., in the catches and removes the risk of doors being accidently opened. These door latches are of the very latest type and rock on a pivot instead of sliding back and forth in their sockets. Moreover, the doors are so equipped with rubber bumpers of the "L" type that when closed they are held tight in both directions and cannot rattle. This is one of the many little refinements denoting care and attention to details that pleases buyers.

Used Car Bargains

Our used cars include: 1914 — Chalmer's "Master Six."

1913—Hudson "Big Six." 1914—Hudson "Light Six." 1914—Michigan 5-passenger. 1912—Overland 5-passenger. Also rebuilt Cadillacs of all

Crispen Motor Car Co.,

413-417 S. Cameron St.

Ensminger Motor Co. Third & Cumberland Sts.

Knight Motor Advantages Demonstrated by Pictures

H. H. Hower, who entertained a automobile reliability run ever attempted by a manufacturer began Monday in nearly every State of the Union and continued four days. The cars used in the test were regular stock, taken from models the dealers participating had been been dealers participating had been been dealers participating had been been dealers between the state of the s Willys-"The design and operation of the models the dealers participating had on hand at the time the run was arranged. All the cars engaged in the contest were 1916 Studebakers, not one of which had been "tuned" up for the of fresh gas to enter the cylinders and to allow "dead" gas to leave the cylin-

"In general, valves in automobile motors are of two kinds—poppet valves and sleeve valves, the former being in most common use.

"A poppet valve is opened by a cam—a projection on a revolving shaft—which strikes it upward as the revolution of the shaft brings the cam into contact with a push-rod below the stem of the valve. It is closed by a spring.

"In the Knight motor there are two

resort.

"Consider now the construction of the Knight type sleeve-valve motor, as compared with an ordinary poppet-valve motor:

"There are no stems in the Knight

"Consider now the Compared with an ordinary poppet-valve motor:

"There are no stems in the Knight motor to warp and wear — mo springs to make, and the mechanical precision at all speeds. Their operation is as positive mechanical precision at all speeds. Their operation of the poppet valve is a constant hammering of steel on steel. This hammering occurs at two places—the cam against the sem and the head of the valve against its seat. And the hammering occurs when the valve is subjected to an intense heat, for its head is inside the combustion chamber.

"Because of this hammering, the very operation of the poppet valve itself causes it to warp and loosens the valve in its seat.

"There is no hammering in the Knight type motor. The sleeve valves motor employs to advantage a factor that in motors of other types is a disadvantage."

The Overland dealers of Central There is no hammering in the Knight type motor. The sleeve valves are raised and lowered by connecting rods. Their action is regular. They slide smoothly, between the piston and cylinder wall, always covered with a film of oil.

"In a poppet-valve motor compression is held by the valves. The valves size is a leady and against the event of the subject of advertising, Mr. Will-hear Mr. Hower lecture in the even and took advantage of the opportunity to hear Mr. Hower lecture in the even advertising is the best medium. Of photosic in the said of the subject of advertising, Mr. Will-hear Mr. Hower lecture in the even advertising is the best medium. Of photosic in the said of the subject of advertising is the best medium of the nation as a whole. But for it is nearly the confidence of the nation as a whole. But for it is nearly the confidence of the nation as a whole. But for it is nearly the confidence of the nation as a whole. But for it is nearly the confidence of the nation as a whole. But for it is nearly the confidence of the nation as a whole. But for it is nearly the confidence of the nation as a whole. But for it is nearly the confidence of the nation

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operate against springs, and against the resistance of gas. And to hold compression the valves must fit tightly.

"Unlike the valves in a poppet-valve motor, the sleeves in the Knight do not operate against springs nor against the pressure of gas in the cylinders, for the sleeves in the Knight do not hold compression. Because of this the sleeves are not fitted tightly; their surfaces are always covered with a film of oil and their whole travel is less than one inch, at half the speed of the motor—one-ninth of the piston travel; the friction resistance and wear is negligible.

"Wherever an explosion takes place, carbon is formed. In a poppet-valve motor this carbon deposits on the heads of the pistons and on the seats and on the heads of the valves.

"This deposit of carbon eats into the valves where they seat. This is known as "pitting." And "pitting" of valves is one of the most common troubles experienced with poppet-valve motor, for this eating away causes leaky compression.

"Carbon, which forms so rapidly in a poppet-valve motor as to seriously affect its operation and, therefore, necessitates frequent cleaning, is barely noticeable in a Knight type motor, even after two or three years of service.

"What little carbon dees form is beneficial. Indeed, the sleeve valves in the Knight motor are designed to encourage the deposit of carbon. To have a first of the court of t

cate only that these chief a draces of a marve of unprecedented prosperity. Insofar as I can recall, it is the first time in the history of this country that every part of it has been prosperous at the same time. I have been all through the corn belt, and this year's crop will be the most valuable the country has ever produced. The frost which came, per schedule, was so light that its effect was helpful, more than anything else.

"The cotton crop may not come up to its usual size, but the price is right for the planter, which is more consoling than an overproduction. It is simply a case of every one of forty-eight States congratulating one another on bright skies and sunshine, and 'business is good, thank you,' all around." "Advertising has been the most po-

around.

"Advertising has been the most po-

ANNOUNCEMENT

To our old customers and prospective new ones-

We are pleased to advise we are now prepared to make immediate deliveries on all models.

Ensminger Motor Co.

Cor. Third and Cumberland Streets SERVICE STATION --- 1122 Green St.

amount in a magazine advertising in actual sales, but if we spend a like amount with the daily newspapers, our sales leap. The newspaper brings home an article to the reader, it makes a direct specific, intimate appeal. The magazine advertisement

ommunity, we go direct to the news

papers. When we spend a certain

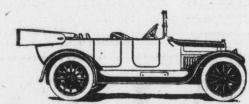
makes its impression, but sales are usually the result of the perusal

Cadillac "Eight"

The envy of the man who can't afford the Cadillac

The selection of the conservative man who "looks 'em all over.'

The choice of thousands who can afford the highestpriced cars.



Standard Seven-passenger Car, Five-passenger Salon and Roadster, \$2080. Three-passenger Victoria, \$2400. Four-passenger Coupe, \$2800. Five-passenger Brougham, \$2950. Seven-passenger Limousine, \$3450. Berlin, \$2600. Prices include standard equipment, f. o. b. Detroit.

Crispen Motor Car Co.

413-417 S. Cameron St.

Bringing Up Father





PAIGE

1916 model to the best advantage, and where literature or other information may be had on request. This beautiful model commands the admiration of all who pass the window of Bretz Bros. Hardware Store.

109 Market Street









By McManus









