EVERY DETAIL OF IN CONSTRUCTION

Imposing Machine Arrives and Is Being Shown to Admiring Ones: Return to Six Cylinder Type Heralded.

East week the fided member of the Elent Enight type motors arrived to Portland incorporated in the beautifully bufft Stedard-Davion 1812 model to be known as the Knight-Steddard Davion. The arrival of the Stant Knight type machines has been watched in Port-land with a great amount of interest by all those interested in the automobile Every one who has even the sume. Every one standard that it is standard, has to arknowledge that it is bigger and mere imposing looking achine than any of the others shown

Ed Gerlinger, who represents the Studdard-Dayton in this territory, believes this aix cylinder machine to be the highest perfection ever reached in the construction of pleasure care, and states further, that even as long as he has been in the automobile business, he was greatly surprised when he looked ever the new kinight to find it so perfect in every detail of construction. fect in every detail of construction.
There have been many changes in the Studdard-Dayton line this year. "Most important of these, of course," says. Gerlinger, "to the adoption of the Knight type of sleeve valve motor. This is important to the next only that it should be the control of the same of the sa te Important in not only that it shows also that it marks the return to six cylinder construction of the Stoddard-Dayton company. The first Stoddard-Dayton six was brought out several years ago, but later was discontinued until this time. Now the Stoddard-Dayton have pioneered the bringing out of a six cylinder car in the Knight type. Much is being said through the newspapers and automobile magazines by many of the present builders of six cylinder cars, all claiming, or attempt-ing to claim, the honor of having pio-neered the six cylinder poppet valve type of motor. I don't think any of the makers of automobiles in the future will ders attempt to make prior claims over the Stoddard in the adoption in America of the first six cylinder type

Knight motor," said Gerilager.

The first automobile of this type built by the factory was driven 15,000 miles over the roughest roads that could be found in the eastern states by Arthur See, who is now in Portland demon-strating the machine to all those interested. Mr. See also brought to Port-land the Columbia some two months Mr. See's driving experience has been various, as he also drove one of the Maxwell cars in the Glidden tour last fall. There are very few who can appreciate what 15,000 miles hard driving to an automobile over all kinds of roads and in all kinds of conditions, means to a car, especially when the driver has instructions to find the weak spots in the construction, if there are any." So we find the Stoddard-Dayton-Knight coming to Portland as a tried and tested car and not an innovation. The motor used is a six cylinder design, 4% inches here and 6% faches stroke, giving an S. A. E. rating of 48.3 horsepower. It is the first six cylinder of the Knight type to be built in America, consequently its performance will be watched with special in-terest. Unlike the majority of six cylnotors it has the cylinders cast in two groups of three cylinders each, a type of casting which is coming more and more into popularity. The motor also uses a silent chain to drive the and more into popularity. eccentric shaft which operates the re-

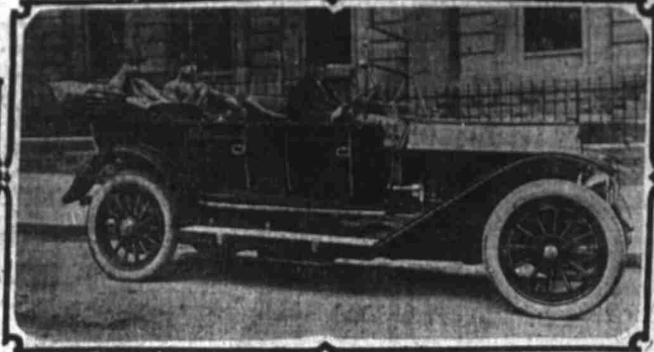
ciprocating sleeves. But the entire novelty of this new Stoddard model is not all confined to built along the same lines as those used the sleeve valve motor. The car, too, in Europe for several seasons, namely, placing the steering wheel on the left hand side and putting the emergency brake lever and the change speed lever in the center of the floor board for operation with the right hand. This is the second announcement for 1912 of a large six cylinder car with left hand control. These two examples will have the effect of greatly hastening the use of this design of car.

Referring in detail to the Knight type

cedes.

An expanding watch key makes an effective tool to grasp the stem of the second announcement for 1912 of a grinding in a valve. As the stems of these valves are usually so small that it is difficult to get at them and to hold them securely, this watch key kink is a great help in grinding, in removing and replacing valves of this class. placing the steering wheel on the left cedes.

HANDSOME "SILENT" TYPE MOTOR ATTRACTS MUCH ATTENTION



Stoddard-Dayton-Knight & cylinder car that arrived in Portland last week. Arthur See, winner of Glidden tour and factory representative, is shown at the wheel. E. E. Gerlinger, Portland agent for fillent Knight car is shown on left in tonneau, and H. E. Malcom, factory representative of Paige-Detroft auto, to right.

in Company, and Work

Energetically.

automobile salesmen in Portland, as whole, are clean cut and prepossess

That they realize the opportuni-the industry offers is shown in

grous cases when they have gone up

retail sales manager of the Port-branch of the Studebaker corpora-

This means keeping on

tion. Upon being asked the reasons of his success in selling care, he said:
"To my mind, the small success I have achieved in selling automobiles is due to a thorough belief in the goods

To Compensate for Shim Compress In taking up wear in bearings by the removal of shims, it is well to bear in

mind that the shims may be expected to pack together somewhat after the engine has been run for a time, occasioning a very slight looseness. While this does not always happen, it is safe to take a pull at the nuts or cap screws that hold the bearings together after a few days' running following bearing

Journal Want Ads bring results.

into action.

adjustments.

from salesman to sales manager. case in point is that of C. A. Lineley,

MEETING FEATURE

Conventions at Detroit, Michigan.

"One of the modern methods for Inreasing the efficiency of the sales department and fostering the spirit of enstrations it should not be overlooked cooperation will be in evidence in Detroit temorrow" says Howard M. Covey, local representative of the Cadiliac Motor Car company, "when we hold our annual dealers' convention." On account of recent sickness it has been impossible for

Mr. Covey to make the trip east to attend this meeting. Continuing on this subject, Mr. Covey winted, "There would not be less than 150 Cadillac dealers from all parts of the United States assemble at the factory at the invitation of the company's executives, to attend a general sympos-lum which will be held throughout the week, the convention continuing for five days. The dealers wil come from all days. parts of the United States and Canada and will represent territory from coast to coast, so that the problems they pre-sent and the conditions they expound should represent every variety that con-

fronts the man who sells automobiles.

The purpose of this convention is educational, for it is believed that such a conference is one of the best means of giving the man who sells motor cars that additional equipment which will mean the best service to the buyer. Therefore there will be a general in-terchange of ideas and no doubt the man from the Pacific coast can give valuable pointers to the dealer from the Atlantic states, while the factory sold, the company behind the goods, and the service rendered after the sale executive gets a different viewpoint

from either of them.

"Among the subjects to be discussed the main thing in talking to a customer will be sales organization, service to is to get him interested and hold his owners, business systems and advertising. These discussions will be par ticipated in by the dealers and depart-ment heads of the Cadillac company. There will also be some entertainment and social functions which will include a theatre party.

the trail until the sale is either made or lost. Then, again, the best adver-tisement of any automobile is a pleased customer, and that means giving more attention after the sale than before." of motor, it is a conventional design The major factor is Daimler, Panhard, Minerva and Mer-

SALESMAN PLAYS AUTO SALESMAN IMPORTANT PART

Company's Agents Will Hold Seller Must Have Confidence Work Is Fascinating, However, and Wide-Awake Man Has Great Chance.

> That the automobile salasmen some-In these times of record sales and times get discouraged is only natural. large shipments-train loads, and dem-The story is told of one salesman who the important part the automobile salesfor three weeks tried to make a sale, but all in vain, and how in starting in man plays. He is the point of contact between the manufacturer and the the fourth week finally struck a prosconsumer. It is his job to sell the pect who was interested, but who car after the demand has been created. demonstration trips, the prospect gave the salesman to understand that he had And it will surprise many just what they have to know in order to successpractically bought the car, but would fully accomplish this. The automolike to have one more trip with a friend bile salesman of today is a wide awake of his. Of how they met at the garage, young man, ever on the alert, who and after climbing in, the salesman knows, or should know human nature walked in front to start the engineknows, or should know human nature like a book, and is an expert mechanic besides. He must be enthusiastic and optimistic at all times. He must be lieve in his product and the company behind it, and must be able to make his prospects believe in them also. It is particularly noticable that the class of how it wouldn't go and how he fussed around for half an hour only to find he had not inserted the switch plug is all in the game, and while undoubtedly it possessed some humor at the time it was a tragedy to him. The salesman who has to contend with the prospect who wants to compare competitive cars side by side, must be a diplomat in every sense of the word.

been following up for several weeks to have them stand side by side for comparison. How the rival salesmen

HAS HIS TROUBLES

quare deal.

The story goes how one salesman was told by a prespect whom he had just as well as he was with the sales-man's that the only way he thought he could decide which car to take was met, shook hands, and entered ints confidence in hims friendly conversation—how each spoke awake at all times.

Law Soon to Be in Effect Whereby Motorists May Tour State Without Obnoxious Technical Delays.

Great has been the talk throughout he country lately on the subject of actorocity, but it has remained for the automobile clubs of the different clates to watp into line the little old state of New Jersey, and secure in that state reciprocity for the automobile. The Touring Club of America took up the fight more than two years ago, and recently requested the presidents of the different state automobile organizations to personally write deveroor Wilson solicities in aid to getting through a bill that would allow the motorists to visit New Jersey on the same footing that they visited all other eastern states. W. J. Clamente, president of the Portland Automobile club, joined with the other challenge. with the other clubs and made a per-sonal appeal to Wilson for his assist-ation, with the result that automobile reciprocity will be a reality in New Jersey.

Vote 8 to 11.

The bill, passed overwhelmingly in the house of assembly and defeated by a margin of one vote in the senate, was called up for reconsideration in the laiter body March 27 and went through by a vote of 11 to 8.

The bill provides for 15 days' free entry of the state by automobilists who have fulfilled the demands of the statutes of their home states. It whose out the positous power of atterney clause out the positous power of atterney clause.

out the noxlous power of attorney clause of the old law, by which the visiting motorist was obliged to designate a certain state officer as his legal attorney to accept service for him in case of any alleged infraction of the law during

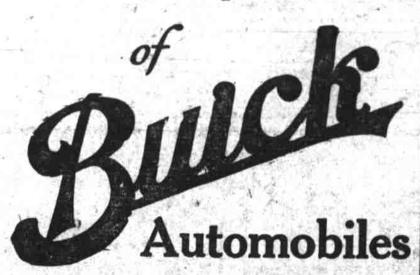
Will Get Much Business The enactment of the bill will throw open New Jersey to touring automo-biliets and according to plane already forming, the state will enjoy by far the largest volume of tourist business in its history during the coming season.

The fight for even handed justice in New Jersey has been carried on by the clubs and trade organizations of that state, by the Touring Club of America which has been actively at work for several years, and by the Automobile, which has militantly worked for a

Recently the Automobile succeeded in enlisting former Governor J. Franklin Murphy, who for 10 years was the main stumbling block in the path of reciprocity and to the asteniahment of the automobile forces, Governor Murpuhy took the field actively and lenf his great influence toward pushing the matter through.

well of the other's car, was all a part of the game, It goes to show that selling automo-biles is fascinating work and full of possibilities for the young man who has confidence in himself and who is wide

Our Fourth Special Train



To be made up of sixty carloads of 270 Buick automobiles, will leave the Buick factory, Flint, Michigan, April 15, 1912.

The First Special Train

of 50 cars, containing 224 automobiles, was shipped January 25, 1912.

The Second Special Train

made up of 50 carloads of 225 Buick automobiles, was dispatched from the factory February 27, 1912.

The Third Special Train

made up of 60 carloads, with 265 Buick cars, left Flint, Mich., March 24, 1912.

"THERE'S A REASON"

Howard Automobile Co.

MEL G. JOHNSON, Manager

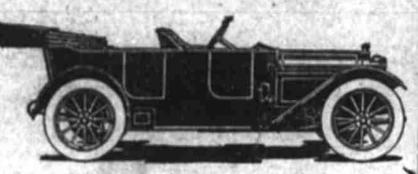
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Model "H"

A "33" of exceptional power and style, fully equipped, with every big feature of the high priced car

\$1500



Note This Value

The Michigan "33"-Model H -at \$1500 affords everything that the average family wants in a mo-tor car save the surplus power and the extra room which comes with our Model K, "The Mighty Michigan Forty."

The H comes equipped with— An absolutely efficient, almost never-failing self-starter - one which weighs less than six pounds. Is neat, compact, out of the way, and, best of all, is non-injurious to the motor.

The best grade mohair top that we can build. Top, of course, is equipped with side curtains and dust cover—everything complete.
Zigzag wind shield.

Then is also included magneto, full lighting system, horn and com-plete set of tools—in fact, everything ready to start right out on the road.

All of this is given for \$1500. The best of materials are used in The best of materials are used in this car, and the same high-grade workmanship is put in it throughout that goes into our Model K. In fact, it is built along the same general lines of our larger model.

If the "Mighty Michigan Forty" at \$1750 seems just out of reach of your pocketbook, the "33" will come within it. And it gives you the very utmost for your money.

Michigan Auto and **Buggy Company**

NORTHWEST BRANCH W. A. Wildrick, Manager 369-71 HAWTHORNE AVENUE Phones East 1421, B-1345

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Stearns Silent Knight \$3650 F. O. B. Portland

The choice of royalty. The motor that has supplanted the master engines of the world. Will you be among the first with the new type, or among the last with the old?

STEEL & EASTMAN Street Marshall 4000

WHEN you buy an automobile you have a reason for choosing the particular car that you buy. This reason must be one of the following three—your own experience and practical knowledge of mechanical construction and materials—the guidance of a friend whom you trust, or—faith in the ability, experience, business integrity and commercial sense of the maker.

With the Mitchell car the first two of these reasons-your own knowledge and the investigation of a trusted friend-lead you logically straight to the ownership of a Mitchell, and, with the third, there are 77 years of an unequalled record in vehicle manufacture and the assurance that the next 77 years will see the Mitchell vehicles leading in popularity for the same good reasons that have made them leaders in the past.

Mitchell cars are the result of a demand from the experienced public for a car that is built and sold on the business basis of an honest profit to the maker and full value to the user.

Mitchell cars are built for the man who can't afford to make a mistake.

7-passenger Mitchell-six, 6 cylinders, 60 horse-power, wheel base 135 in., tires 36x436. Price, \$2,250.

5-passenger Mitchell-six, 6 cylinders, 48 horse-power, wheel base 125 in., tires 36x4. Price, \$1,750. 5-passenger Mitchell thirty, 4 cylinders, 35 horse-power, wheel base 115 in., tires, 34x4. Price, \$1,350. -passenger Mitchell thirty, 4 cylinder, 30 horse-power, 2-passenger Mitchell Runabout, 4 cylinders, 30 horse-power, wheel base 115 in., tires 32x4. Price, \$1,150. wheel base 100 in., tires 32x3. Price, without top, \$350. Mitchell-Lewis Motor Company

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