## **CHARACTER FACTOR** IN AUTO BUILDING

Great Plant Facilities Needed to Accomplish Correct Result, Erskine Says

As in everything else, character does er doesn't exist im an automobile. Being a fact, character is discernible. wherever it exists. In automorries. character is determined by correct design, high-grade materials and workmanship and superior performance

Automobile unikers generally strive to produce ears of character, as obtiqued by permanent business specess despends upon one's ability to do this, and yet one possessed of the best of intentions may fail in achi veneral from causes too numerous to mention. Ideal-cannot be converted into real these pules, means of conversion are available in hand, and in the automobile business these means are possessed by computer tively few manufacturers with large, experienced organizations, goest plants

experienced organizations, great plants and unlimited financial resources.

To begin with men are the most important element in every undertaking. Collectively, we call them the organization. By the use of tools, and chinery and equipment, enumerally called "plant facilities," they assured ideas into realities or products of the factory. But even a strong, equipment organization cannot produce curs of charactery. But even a strong, anothe organization cannot produce curs of character,
possible of sale at fair arriss, without
great clarit facilities, including entent
cal and playsical laboratories, experimental departments, femoless, forgeshops, leat treating and embouring
shops, stamping plants, machine shops,
body, upholstery, painting and enameling shops, etc. These plant facilities
usually require from 3,000,000 to 35,
000,000 square feet of fleet space, cost
from \$12,000,000 to \$20,000,000 and
employ from 10,000 to 15,000 men.

Manufacturers with such plants and
organizations fully protect themselveand carry out their own ideas, designs,
manufacturing operations and as
semblies, including the purchase of raw
materials, without dependency upon
outside sources of supuly.

This centralized control of design and
production of parts and assembles in
the manufacturers own plants insures
accurate functioning and a farmonous

production of parts and assentates in the manufacturers own plants insures accurate functioning and a harmonious product which obviously is massessive in ears of character and which cannot be economically obtained in any other way. As the public will not buy even a car of character in large quantities unless the price is right, it is obvious that these large organizations and plant facilities. I have described are essential requirements to quantity manufacture.

Correct design is the first requisite in an automobile of character, not only of the chassis, but of the body ton, vinshield, fenders, lamps, etc. Style plays a big part in design, as many people buy cars solely on the stylish appearance and put their trust in the manufacturer for everything else. While often times this confidence is not misplaced, many times it is, and the practice is re kless and indefensible. It is more characteristic of women than of men, who naturally know more about mechinery and materials. People without a fair knowledge of machinery aboutd never purchase an automobile without naturally a sare is correctly designed it may easily be spoilt in production if cleap or unswitche materials are used of workmants in its metallurgists, chemists.

siness of the metallurgists, chemists.
dineers and production experts to de-ie upon the proper quality of steels.

Quickest Way to Get

to Automobile Show





## CORRIDOR AT PHU ADELPHIA AUTO SHOW



New Contributions

or productly by the Lafavette Indiamonals, and the treation White, eminest motorcar design the material relationship of the motorcar design the material industry combinated in the 1929 properties of the material industry combinated in the 1929 properties of 115 inches which is the state of 115 inches which is three care the base of 115 inches which is three children and the large and the cylinder care.

Four-Cylinder Models

1921 Model

opens at

Philadelphia Show

New Price

Booth 54 at Commercial Museum

SALESROOM, 820 N. BROAD ST. Phone Poplar 4166

Premier improvements this year include mainly the contribution of an exceptionally rooms and unturely designed coupe, an ideal car for winter comfort.

of Public Demand

## **NEW CAR SHOWN** HERE FIRST TIME

Complete Handley-Knight Exihibit Brought to Philadelphia From New York

The new seven-passenger Handley-Knight line, the complete exhibit from the Hotel Commodore, which caused nch favorable talk at the New York Automobile Show last week, is exhibted for the first time in Philade'phia this week by Paul Irving Harper. brough the courtesy of the Overland Harper Co., at the temporary location, the Overland Harper Co.'s salesroom. 1629 Arch street.

Especially built for the fine car owner he drives from choice the Handley-Knight car was designed to conform to a standard of perfection in everything that makes for satisfaction. As its Offer Six Models

The Patterson is furnished regularly as a leeve-valve, the frame re-enforced beyond all previous standards. The soft substance and seven-passenger touring ar and a five and seven-passenger seedan, three-passenger coupe and two-passenger life to the mechanism. The axles were especially designed for absolute safety and dependability. The Handley-safety and dependability. The Handley-safety and dependability. Three-Passenger Roadster
In the Scripps-Booth display are seen the sedan and five-passenger touring types, although it is also produced as a three-passenger coadster, with adjustable seat and a four passenger coupe.

Safety and dependantly. The Handley Knight combines performance with appearance to a degree that is unusual.

Just where the permanent location of the new Handley-Knight will be has not yet been decided upon by Mr. Harper.

Turin, Italy

"EUROPE'S LEADING CAR"

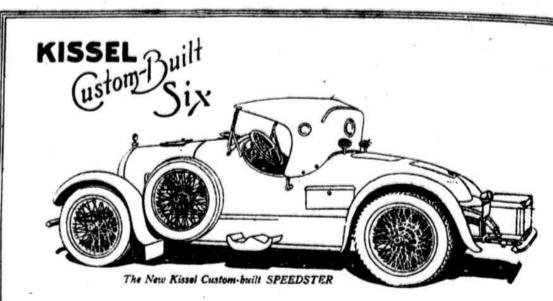
We have just received the latest Fiat Post War mode's from Turin, Italy. They are the small models, generally known as the "Baby Fiat"-really remarkable cars, yielding 26 to 30 miles on a gallon. The cylinder box is smaller than on any American-made car.

With a 105" wheel base, it has a turning radius that permits the easiest handling in crowded downtown traffic. Yet the three body styles, Roadster, Touring and Sedan, are all exceptionally roomy and comfortable.

The Sedan, especially, if a marvel of compactness and completeness-scating five. The cars and bodies are built and finished in Italy. The price is easily within the scope of the average buyer.

POTTER-DIESINGER MOTOR CO.

(Formerly Fiat Motor Co. of Penna.) 2207 Chestnut Street Bell Telephone-Spruce 2140



Two New Examples of Kissel Individuality at Commercial Museum Building

First public view of new Speedster and new Coach-Sedan—designed and built by Kissel

The SPEEDSTER-Finished in Kissel Chrome Yellow-equipped with new Kissel individual steps and sport fenders-Kissel-designed semiracing body with unusually comfortable driving and riding positionstwo auxilliary seats.

The COACH-SEDAN-A new type of enclosed coach body finished in Kissel Black-equipped with permanent Kissel inlaid, four-door, coach seats with high form-fitting backs, accomodating three people eachindividual steps and sport fenders.

Both mounted on the Kissel Custom-built chassis - powered by the Kissel-built six motor.

