

# Interlocking Waverley White Steamer

## Can Races Be Made Safe? Is Live Query

By J. W. Stoddard

One racing man in this city through his words has shown a grave worry for the result of the race. He is convinced that there is no general agreement among men as to whether or not the accident and approval of racing should be continued and without forgetting the fact of the automobile. The proper conduct of racing is a grave question, of course, indeed, it is not only a grave question for all the time that it has the sport. But will even perfection in the conduct of these things be enough to sustain a condition which requires a driver or mechanician to take his life in his hands every time he opens wide his throttle and feeds his car forward forward under heat in a race, every sportsman risks life, but in any sport the chances of fatality are infinitely smaller than in automobile racing. Unless the race can be brought somewhere nearer together, automobile racing on tracks must again pass under a cloud and become a by by night, barnstorming affair that can do credit to no one.

## STODDARD ABANDONS RACING.

Prominent Auto Builder Believes Events Are Very Hazardous.

"We have decided, after careful consideration, to abandon automobile racing entirely for the present, or until such time as the conditions generally governing automobile racing are so changed and bettered as to remove to the greatest extent possible the present dangers, both to spectators and to drivers and mechanicians operating the cars," says J. W. Stoddard of the Dayton Motor Car Company. "We believe that automobile contests, as now conducted, whether on tracks, roads or hills, are extremely hazardous. We further believe that they are a detriment to the industry, in that they present, in an exaggerated form, the dangers attending the use of automobiles when operated at more than normal speed. Rather than endanger the lives of our men, therefore, and rather than take the chance of injuring spectators, we have decided, as stated above, to withdraw entirely from all such contests in the future."

## ES HORSE-POWER FACTS.

Firm Shows Interesting Tables Telling Timely Comparisons.

Interesting comparison of horse-power formulas is made possible through a table recently by the Pierce-Arrow Motor Company of Buffalo, showing the horse-powers given to its motors by the formula by the Association of Licensed Automobile-Manufacturers, the Royal Automobile of Great Britain and by the method used by Beaumont, the well-known English engineer, which has considerable vogue in England. The A. L. A. M. formula is the used in this country by most of the used manufacturers, and in its operation it provides that the square of the bore shall multiplied by the number of cylinders that sum divided by 2.5, the result be the horse-power. This formula is based on a piston speed of 1,000 feet a minute. The following horse-powers by various formulas the number of revolutions, under the A. L. A. M. standard, would be 1,262 for the thirty-six and forty-eight-horse-power cars and 1,091 for the sixty-six-horse-power car. The ratings are:

Formula	36-H.-P.	48-H.-P.	66-H.-P.
A. L. A. M.	38.40	48.00	66.20
Beaumont, 750 rev.	30.48	48.32	68.72
Beaumont, 1,000 rev.	40.68	57.72	84.90
Auto. Club	46.26	51.75	69.90