C. CARSON.

ADJUSTABLE INSTRUMENT BOARD FOR MOTOR CARS.

APPLICATION FILED MAR. 2, 1917.

1,325,140. Patented Dec. 16, 1919.

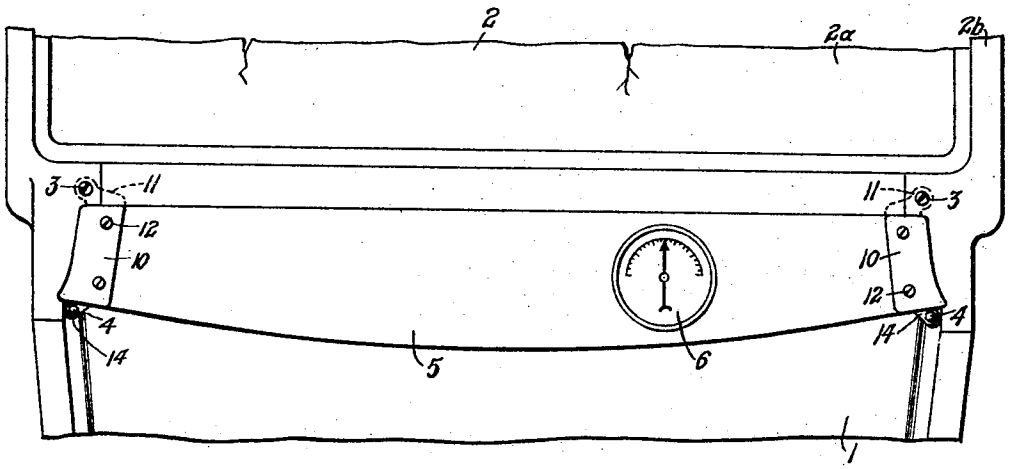


Fig. 1.

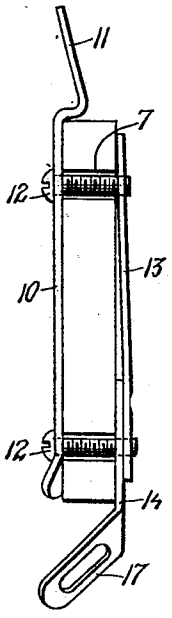


Fig. 2

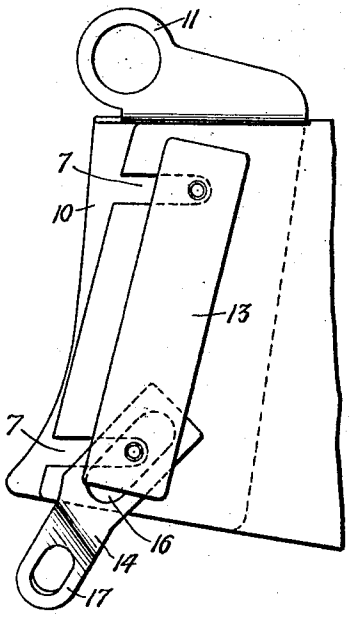


Fig. 3.

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ADJUSTABLE INSTRUMENT-BOARD FOR MOTOR-CARS.

1,325,140. Specification of Letters Patent. Patented Dec. 16, 1919.

Application filed March 2, 1917. Serial No. 152,070.

To all whom it may concern:

Be it known that I, CLARENCE CARSON, a citizen of the United States of America, residing at Sutton Manor, New Rochelle, county of Westchester, State of New York, have invented certain new and useful Improvements in Adjustable Instrument-Boards for Motor-Cars, of which the following is a specification.

My invention relates to detachable and adjustable instrument boards for motor cars, and is particularly designed to produce a simple, attractive form of instrument board which can be applied to the standard type of light, low-priced motor cars which are not equipped with any instrument boards by their maker.

Cars of this particular type, while absolutely standardized as to their mechanism, vary slightly in body dimensions and it is therefore necessary to have the instrument board equipped with adjustable fastenings which can be moved slightly to fit any particular body on which the instrument board is to be used. It is also important to have said fastenings so shaped that they can be connected with some of the existing bolts or screws in the standard car body, thus obviating the necessity of boring holes or otherwise marring the car. My invention meets all these requirements and produces an attractive, very cheap form of board and attachments which can be applied to any one of many hundred thousands of cars now in use.

The best form of apparatus embodying my invention at present known to me is illustrated in the accompanying sheet of drawings in which—

Figure 1 is a view of the front portion or dashboard of a motor car taken from about the position of the driver of the car, showing the wind shield, parts being broken away.

Fig. 2 is a detail end view of the instrument board, and

Fig. 3 is a detail rear view of one end.

Throughout the drawings like reference characters indicate like parts.

1, represents the car body, and 2, the usual wind shield mounted thereon, composed of a glass panel 2^a, mounted in a metal frame 2^b. This wind shield frame is fastened to the car body by screws 3, 3, and bolts 4, 4.

The instrument board mainly consists of a panel 5, preferably made of wood so that it can be easily perforated to receive a speedometer 6, clock, and other instruments not shown. At or near each end of the panel are preferably formed two longitudinally extending slots 7, 7, most clearly shown in Fig. 3. The most convenient arrangement is to have these slots open at the end, as shown in said figure. 10, 10, are metal clips adapted to fit on each end of the panel 5, and give the same an ornamental finish. These clips are held adjustably on the panel by any suitable fastening means such as screws 12, 12, passing through the clip and through the slot 7, 7, and engaging some convenient form of keeper 13, on the rear side of the panel. The clips 10, 10, extend upward to form projecting ears 11, 11, at each upper corner of the instrument board, which ears are perforated to engage the screws 3, 3, and fit under the adjacent portions of the wind shield frame 2^b. 14, 14, are a second set of clips slotted at 16, to permit the passage of screws 12, when these clips are placed under the keepers 13, as clearly shown in Figs. 2 and 3. Each clip 14, has a bent and slotted foot 17, adapted to engage one of the bolts 4. In operation my improved instrument board can be sold as a unit to the car user who merely loosens the screws 12, 12, so as to render the clips 10, 10, adjustable longitudinally and the other clips 14, 14, adjustable both longitudinally and vertically and then after taking out the screw 3, 3, and taking off the nuts from bolts 4, 4, can move the clips to register with the bolts and screw holes. Then by replacing the screws 3, 3, and the nuts 4, 4, and setting up the screws 12, 12, the instrument board is rigidly mounted on the car body, registering with the lower edge of the wind shield frame and the downwardly extending supporting portions of said frame, as clearly shown in Fig. 1. The advantages of my invention comprise its simplicity, cheapness and complete adjustability to ordinary variations in wind shield frame and car body dimensions, and its ornamental appearance which is preserved in spite of the various adjustments of the movable parts which may be necessary to cause it to fit any given car body and wind shield frame of the particular type on which the instrument board is designed to be used.

Having described my invention, I claim:

1. A detachable instrument board for motor cars comprising in combination a panel of a length approximately the same as the width of the car body and adapted to fit

under the windshield of the car, having two longitudinal slots at each end, an upwardly extending clip at each upper corner of the panel adapted to engage certain of the windshield screws or bolts, fastening means for said clip passing through the panel slots, and a downwardly extending clip at each lower corner adapted to engage other windshield bolts, each of said last mentioned clips having a slot through which one of the first mentioned clip fastenings may pass.

2. A detachable instrument board for motor cars comprising in combination a panel of a length approximately the same as the width of the car body and adapted to fit under the windshield of the car, having two longitudinal slots at each end, an upwardly extending clip at each upper corner of the panel adapted to engage certain of the windshield screws or bolts, fastening means for said clip passing through the panel slots, and a downwardly extending clip at each lower corner adapted to engage other windshield bolts, each of said last mentioned clips having a slot through which one of the first mentioned clip fastenings may pass and also a bent and slotted foot.

CLARENCE CARSON.

Witnesses:
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