

UNITED STATES PATENT OFFICE

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DISPLAY SIGN SUPPORT

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This invention relates to improvements in display sign supports for automobiles and has for an object to provide a device of this nature which may be easily and quickly applied to a suitable supporting portion of the automobile. It is particularly designed to be applied to the bumper or bumperette either in front or back of an automobile.

A further object is to provide a standard and a clamping support therefor together with locking means attached thereto by which the standard is firmly secured to the bumpers and it may not be removed therefrom by an unauthorized person.

A further object is to provide frames adapted to hold a display card which may be removably and adjustably secured to and supported by the standard in such position that the cards may be faced in different directions for advertising purposes.

A still further object is to provide an easily assembled and disassembled frame within which the sign or card may be placed and which will hold the same firmly on all four edges.

With these and other objects in view which will appear as description proceeds the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed may be made within the scope of what is claimed without departing from the spirit of the invention.

The invention is illustrated in the accompanying drawings, in which:

Figure 1 is a plan view adapted to show the sign frames extended at different angles from the standard;

Figure 2 is an elevation showing the standard attached to the bumpers, the locking means in place, and the side supports extended;

Figure 3 is a section through the bumper showing the clamping and locking means;

Figure 4 is a detail of the clamp;

Figure 5 is a detail of the standard and the supporting arms for the sign holders;

Figure 6 is a detailed perspective of the

sign holding frame with the top frame removed to show the securing means therebetween; and

Figure 7 is an assembly view showing a position of the device clamped in place on the right rear bumperette of an automobile and having two display frames mounted on the standard.

The device consists of a clamping member 5 of a special shape to slide in between the members of the bumpers. The clamp is provided with square holes 6 to receive the standard or post 1. The clamp is fitted with a wing nut and bolt which by tightening holds the back face of clamp lugs against the face of the bumper bars, and holds the face of the standard tight against the back face of the bumper bars.

The standard 1 is reduced in its lower portion to provide a shoulder 2 which is adapted to rest on top of the clamp 5 after passing through the aperture in the clamp. This prevents the standard from sliding downward. A slotted aperture 4 near the extreme bottom of the standard is used to secure the padlock 15, thereby preventing anyone from pulling the standard out of the clamp holes. In the top of the standard is a hole 13 to accommodate a small flagstaff 12 which is held in place by a square head machine screw 14 from the back of post 1.

This display frames 8 and 10 Figures 2 are detailed at Fig. 6. The bottom rail, side rails 16 and 17, Fig. 6, also the head rail 20, are made of hollow metal tubing. The side rails 16 and 17 are cut away as indicated. Into the side rail 16 is spot welded a piece 18 which receives the special shaped end 21 of the head rail 20, and into the side rail 17 is spot welded a spring clip 19 which receives the special shaped end 21 left of the head rail 20.

In the bottom, top and side rails of the display frames is a formed groove 22 into which the cards, signs, etc. are placed and the head rail 20 is placed down over side rail 16 so that the special shaped end 21 right fits under lug 18 and then the left hand end of head rail 20 is pushed down over the side rail 17 until special shaped end 21 left snaps

in place over spring piece 19 the bottom face of the head rail 20 then being in a position as indicated by the dotted line.

The head rail is then in place securely, and can be readily removed for replacing signs, etc. by pulling upward firmly on the left hand end of same.

The standard is preferably square in shape so that it may be held from rotation in the square apertures 6, the side supporting arms 9 and 11 are bent to fit the square posts so that the signs are held steadily extended in any desired position. To change the angle at which the signs extend it is but necessary to remove them from the standard, rotate them a quarter of an arc and place them back upon the standard. If desired, however, the arms may, of course, be bent near the standard as shown in Figure 1. The outer end of the arms is again bent back to embrace one of the sides 16 or 17.

Positioned in the standard is a pin 3 or similar support extending from the face of the standard. The frame supporting arms 9 and 11 rest on this pin.

While in the foregoing I have described specific embodiments and have mentioned only certain modifications, it will be appreciated that in practice I do not limit myself to such specific details as herein set forth, but may resort to any practical modifications falling within the scope of the claims.

What I claim is:

1. In an automobile having a bumper, the combination with a clamp therefor, of a standard, sign supporting frames carried by the standard, and means for removably securing a frame element for mounting the sign.
2. In an automobile having a bumper, the combination of a clamp therefor, of a standard, sign supporting frames removably carried by the standard, and means for securing the signs in the frames.
3. The combination with an automobile bumper of a standard, clamping means between the bumper and standard, a reduced portion of the standard adapted to rest on the clamp, and means to lock the standard from removal.
4. A sign support comprising a standard, arms removably mounted thereon and extending to embrace a sign frame comprising bottom and side members slotted to receive the side edges, the side members having latch means, and a removable top frame member slotted to embrace the side edges and provided with locking tongues at each end to engage said latch means.
5. The combination with an automobile bumper of a square standard reduced at one end, a clamp having square apertures to support the standard where reduced, and locking means between the standard and the clamp.

6. A sign frame comprising bottom and side members slotted to receive the sign edges, the side members having latch means, and a removable top frame member, slotted to embrace the side edge and provided with locking tongues at each end to engage said latch means.

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