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J. G. THERIAULT

2,201,002

ADVERTISING SIGN FOR AUTOMOBILES

Filed July 24, 1939

Fig. 1.

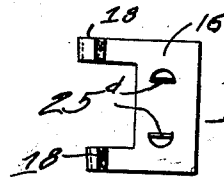
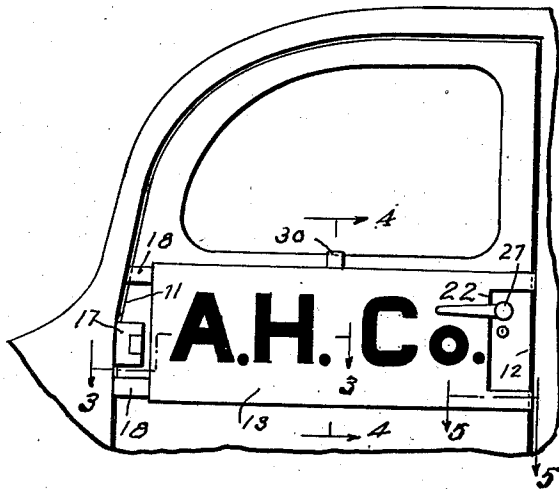


Fig. 6.

Fig. 2.

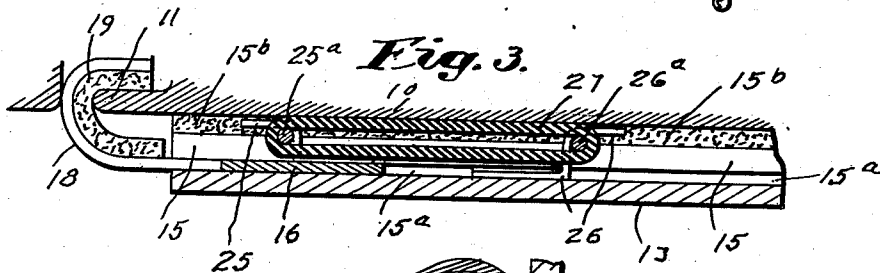
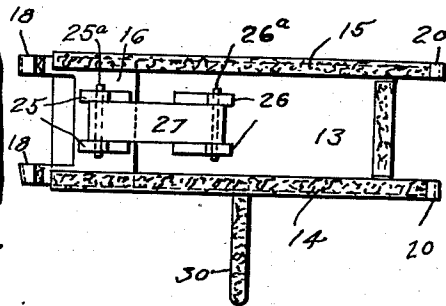


Fig. 3.

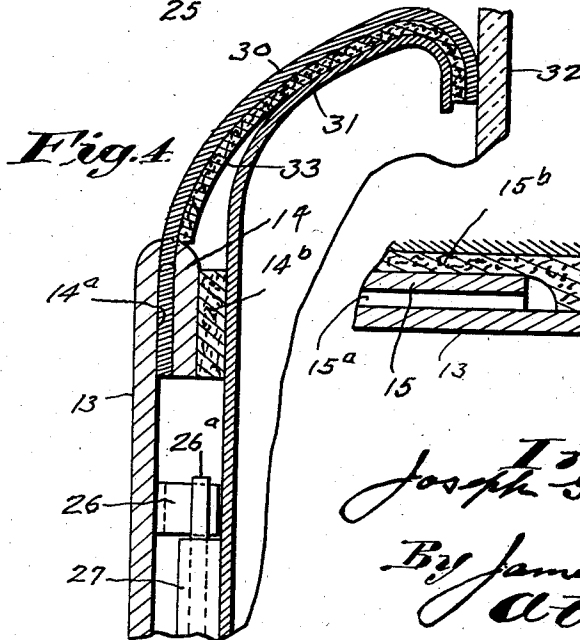


Fig. 4.

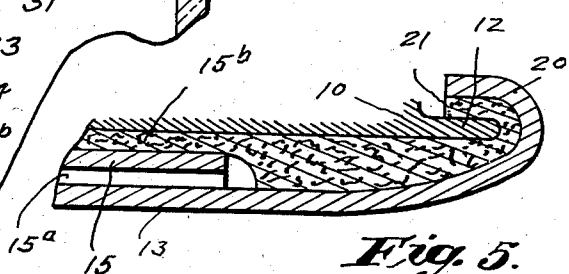


Fig. 5.

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UNITED STATES PATENT OFFICE

2,201,002

ADVERTISING SIGN FOR AUTOMOBILES

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3 Claims. (Cl. 40-129)

My present invention relates to signs, and more particularly to advertising signs for automobile doors.

The principal object of my invention is an advertising sign for automobile doors and the like; Another object is an advertising sign for doors of vehicles which is self adjusting in its clamping means between the edges of such doors;

Still another object is a clamping means for signs adapted to fit automobile doors which is not only self adjusting but which is held in adjustment in a resilient manner;

And still another object is a sign of the above character which is easily attached or detached without the aid of tools, and

Other objects and novel features comprising the construction and operation of my device will be apparent as the description of the same progresses.

In the drawing illustrating the preferred embodiment of my invention,

Fig. 1 is a fragmentary side elevation of an automobile door with my sign attached;

Fig. 2 shows the detached sign illustrated in Fig. 1 but turned over showing the back side;

Fig. 3 is a greatly exaggerated enlargement showing a fragmentary cross-section taken on the line 3-3 of Fig. 1;

Fig. 4 is another enlargement showing a fragmentary cross-section taken on the line 4-4 of Fig. 1,

Fig. 5 is a further enlargement showing a fragmentary cross-section taken on the line 5-5 of Fig. 1, and

Fig. 6 is a modified form of the slide with particular reference to the bracket members.

Referring more in detail to the drawing, it is to be understood that the scale and proportions have been greatly exaggerated in certain places in order to make the apparatus and its functions clear. The material used is preferably sheet metal in the body of the sign and therefore difficult to illustrate in its actual proportions.

10 indicates the upper portion of an automobile door having the usual side edges 11 and 12.

The front of the sign is composed of a flat sheet metal member 13 the long horizontal edges of which are folded over at 14 and 15 to form horizontal channels 14a and 15a. These channels 14a

and 15a provide a slide-way at one end in which is adjustably engaged a slide member 16 which is cut away on one side to provide a clearance for the door hinge 17. In some cases where the hinge 17 is high or low such that the extensions 18 of

the slide interfere, the extension on the top or

bottom, as the case may be, may be positioned nearer the center of the slide. These extension portions 18 are curved at their ends to form hooks for the purpose of engaging around the edges 11 of the door 10. Felt strip 19 is glued or otherwise attached to the inner face of the extension hooks 18 to prevent the door edges from being marred.

On the other end of the body 13 of the sign are similar hook extension members 20 which are adapted to engage over the opposite door edge 12. In a like manner the hooks 20 are protected by felt strips to prevent marring of the door finish. Along the back surface of the channel members 14 and 15 are also felt strips 14b and 15b. On the same end of the body 13 of the sign I have provided a cut-away recess 22 to provide clearance for the door handle 23, lock, etc.

On the back side of the slide 16 and the body 13 I have provided brackets 25 and 26 the open ends of which are oppositely disposed to each other. A heavy rubber band 27 is provided having a pin 25a passing through one end of the band and engaging with its extended ends against brackets 26. The other end of the band 27 is similarly provided with a pin 25a which is adapted to engage against the brackets 25.

In Fig. 6, I have shown a slightly modified form of slide bracket in which bracket members 25d are punched up from the body 16 through which anchor means are inserted in suitable openings, said anchor means being pins similar to 25a.

On the top edge of the body portion 13, I have provided a hanger strap 30 which is bent to form a hook and engages over the window sill 31 of the door 10, the end of which may extend down between the sill and the glass 32 of the door. The under side of this strap is also felted, as shown at 33 to prevent damage to the door finish.

In operation, the hook 30 is shaped to the window sill and the hooks 18 are engaged over the door edge 11. The body 13 is drawn away from the slide 16 until the hooks 20 are engaged over the door edge 12. As the slide recedes from the body 13 a tension is placed on the rubber band 27 clamping the sign firmly to the door in a strong resilient manner. The pins 25a and 26a cannot slip out of place while the tension on the band is present but when the sign is removed they can easily be removed and a new band inserted in a matter of seconds thereby making it possible to renew the band easily at any time.

It will be quite apparent that the heavy tension on the rubber band will at all times hold the sign

firmly in place and at the same time prevent rattling as all contacting parts on the door are felted.

It should also be understood that I do not necessarily limit myself to the use of a rubber band as a tension spring in its place would be the full equivalent therefor.

In the mounting of the brackets and rubber band members to the slide and sign body, it is preferable that the point of attaching of the brackets 26 to the body 13 be located at a position adjacent one side of the vertical center of the sign body corresponding to the end of the sign body which carries the slide member 16. The reason for this is to prevent any tendency to bow out the sign body due to considerable tension in the rubber band as would be the case if these brackets were to be mounted adjacent the further end of the sign body. In positioning these brackets as above described, the sign body 13 always hugs the door surface snugly.

Having thus disclosed my invention, what I claim as new is:

1. An advertising sign for automobile doors, comprising a sign body having a recess at one end adapted to pass around a door handle and lock and extension hooks adapted to engage over the adjacent edge of said door, folded over horizontal top and bottom edges on said body forming slide-ways thereon, a slide member adapted to slide in the opposite end of said body, said slide member being recessed on one side and having extension hook portions thereon adapted to engage over the opposite door edge, brackets attached to the back side of said slide and said body portion, pins located across said brackets, a tension member anchored to said pins, said

hooks, and slide-way members being faced on their back surfaces with felt material.

2. An advertising sign for automobile doors, comprising a sign body having a recess at one end for the purpose of providing clearance for a door handle and lock and hooks located on said end for the purpose of engaging over the adjacent edge of said door, folded over horizontal top and bottom edges on said body forming slide-ways thereon, a slide member slidably engaged in said slideways on the end of the body remote from said hooks, said slide member being recessed on one end and having extended hooks thereon for the purpose of engaging over the opposite edge of said door, saddles attached to said body and said slide, pins located in said saddles, a rubber band engaged around said pins in the central portions of said saddles for the purpose of providing a resilient tension between the said slide and said body member.

3. In a removable sign for automobile doors, the said sign comprising a body portion having hooks on one end to engage over one edge of said door and horizontally disposed top and bottom slide-ways, and a slide member slidably engaged in said slideways, one end of said slide having hooks to engage over the opposite edge of said door, a contracting means connecting said slide with said body member comprising pin retaining brackets located on said body portion and slide member, a rubber band surrounding two pin members adjacent their central portions, the ends of one pin being anchored to the bracket on said body portion and the ends of the other pin being anchored to the bracket on said slide member.

JOSEPH G. THERIAULT.