June 30, 1936. J. OLIVERI 2,045,672

SUCTION HOLDER

Filed Jan. 10, 1936

Fig. 1.

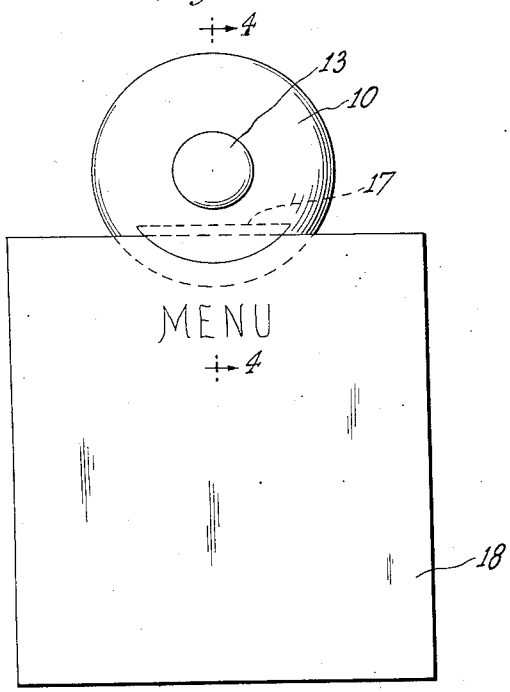


Fig. 2.

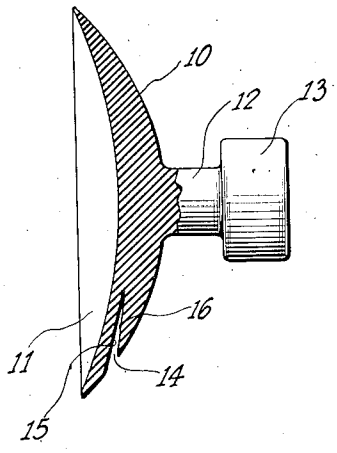


Fig. 3.

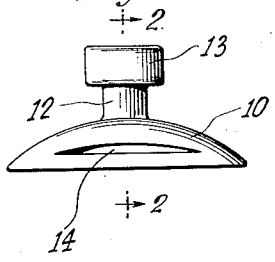
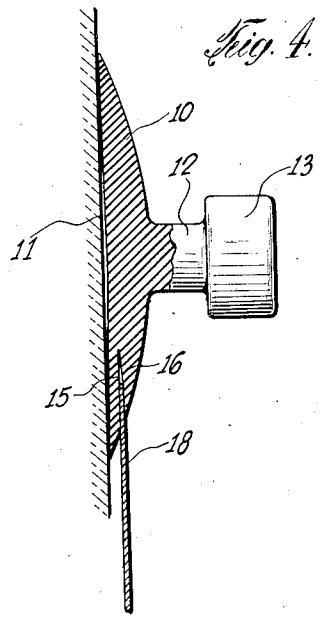


Fig. 4.



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SUCTION HOLDER

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Application January 10, 1936, Serial No. 58,448

1 Claim. (Cl. 248—206)

One object of this invention is the provision of an improved suction holder adapted to be attached to smooth surfaces such as glass windows, in order to grip and support a card or the like therefrom, to display the same through a window.

Another object of the invention is the provision of such a holder which is entirely made of a resilient material, such as rubber, and which is simple in construction and inexpensive in cost of manufacture.

A further object of the invention is the provision of such a suction holder which is adapted for many and various uses and applications in addition to that above mentioned.

The above and other objects will become apparent in the description below, in which characters of reference refer to like-name parts in the accompanying drawing.

Referring briefly to the drawing,

Figure 1 is a plan view illustrating the holder used to support a menu card against a window.

Figure 2 is a cross-sectional view taken on the line 2—2 of Figure 3.

Figure 3 is a front elevational view of the holder in inactive position.

Figure 4 is a cross-sectional view taken on the line 4—4 of Figure 1.

Referring in detail to the drawing, the holder comprises a rounded base 10 having its bottom cupped to provide a rounded suction pocket 11. An axial neck 12 projects upward from the base 10 and is provided with an enlarged head 13.

A mouth 14 is formed in one part of the base 10 by providing a slightly upwardly inclined slit in the base, the mouth being bounded by the floor 15 and the roof 16 of the slit. It is to be noted that the mouth 14 is bounded on its rearward or inner side by a substantially straight line 17 and that this line is outside of the intersection of the neck 12 with the base 10.

In use, the card 18 is inserted into the mouth 14 and then the holder is attached to the smooth surface by depressing the base 10 against the surface by means of pressure on the neck 12 or the head 13. In the latter position the pocket 11 is substantially reduced in volume and depth, and the roof 16 of the mouth 14 is forced toward the floor 15, thereby locking the card 18 in the mouth 14. The tension provided by the suction-grip of the device against the smooth surface retains the card 18 securely suspended from the holder.

In order to release the card 18 without removing the holder from the smooth surface, the head 13 is bent in a direction opposite to the mouth 14, thereby slightly separating the roof 16 from the floor 15 of the mouth and permitting withdrawal of the card 18. By a reverse operation the card 18 may be inserted into the mouth 14 without detaching the holder from the smooth surface.

Obviously modifications in form and structure may be made without departing from the spirit and scope of the invention.

I claim:

A suction holder comprising a hollow rounded suction-cup base, said base having an angular slit therein near its periphery to provide an upwardly-inclined mouth having a roof and a floor formed of the material of the base, said mouth being adapted to receive a card or the like, the floor and roof of the mouth being forced together to lock said card therebetween upon depressing of the base against a smooth surface to secure said base thereto by suction, said slit terminating in a straight line which lies at a distance from the axis of the base, said upwardly inclined mouth becoming flattened and assuming a position parallel with said mouth surface as a result of said depression.

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