June 4, 1929. L. JONES 1,715,602

SIGN AND DISPLAY HOLDER

Filed July 27, 1927

Fig. 1.

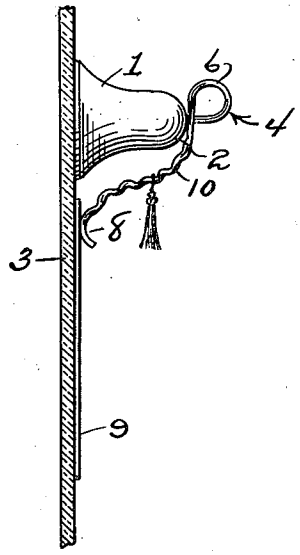


Fig. 2.

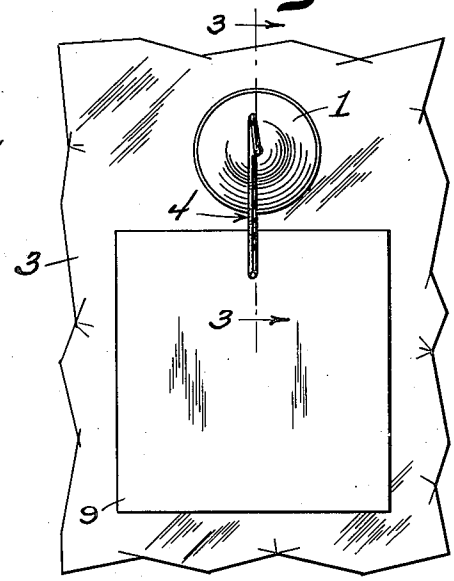


Fig. 3.

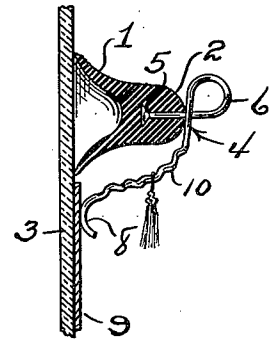
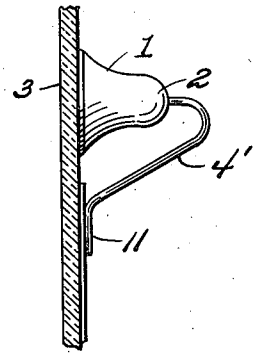


Fig. 4.



Llewellyn Jones INVENTOR

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Patented June 4, 1929. 1,715,602

UNITED STATES PATENT OFFICE.

LLEWELLYN JONES, OF NORTH BEND, OREGON.

SIGN AND DISPLAY HOLDER.

Application filed July 27, 1927. Serial No. 208,848.

My present invention has reference to a suction supporting device for display cards or the like.

The primary object is the provision of a compressible suction cup designed to be self-supported upon a window pane or like smooth surface and which has embedded therein the headed end of a spring rod, said rod being formed with an outer coil that provides a handle, and with an arm that merges into a straight or rounded end designed for frictional contact with a display card or the like for holding the same against a window pane or like surface and further wherein the said arm is corrugated throughout its length to provide comparatively straight portions on any one of which there may rest or there may be secured an ornament designed to attract attention to the display card.

To the attainment of the foregoing the improvement resides in the construction hereinafter described in detail, illustrated by the drawings and pointed out with particularity in the appended claim.

In the drawings:

Figure 1 is a side elevation illustrating my improvement in applied position.

Figure 2 is a front elevation thereof.

Figure 3 is a view similar to Figure 1 but showing the improvement in section.

Figure 4 is a view similar to Figure 1 but illustrating a slight modification.

The suction cup comprises a bell-shaped member 1 formed of rubber or like compressible material. The cup from its hollow portion is formed with an extension whose outer end is rounded and this extension is indicated by the numeral 2. The cup is attached to a window pane or like smooth surface in the usual manner, that is, by compressing the cup to exclude air therefrom and to create a vacuum therein. Before attaching the cup to a smooth surface, such as a window pane 3, the cup must be moistened in order to obtain the best result.

For distinction I will refer to the part 2 of the cup as the head thereof and centrally embedded in this head there is a wire member 4 that has an inner headed end 5. The wire, at the portion thereof that projects through the head 2 is coiled upon itself, as at 6, and this coil provides a hand hold for applying or detaching the cup as well as for urging the active end of the improvement into contact with the card or object engaged thereby. The cup and the coil may likewise serve as a support for a pennant or other ornament. The coil merges into a round arm directed toward the mouth of the cup and this portion has its end portion preferably rounded, as at 8, for contacting engagement with a display card or similar article 9 that is to be held against the support 3. The rounded arm provided by the spring member 4 is corrugated throughout its length, providing the same with substantially equidistantly spaced straight portions 10 and rightangular shoulders connecting said portions. The corrugations strengthen the wire member and add to the resiliency thereof but in addition to this the straight portions or shoulders 10 serve as individual means for supporting thereon cards, tassels or other devices designed to attract attention to the display card 9.

In Figure 4 of the drawings the wire member 4′ is not formed with the coil 6 but has its rounded end which projects through the head of the vacuum or suction cup rounded and extended at an angle in the direction of the mouth of the cup and merges into a straight end 11 but contacts with the card or other article to be arranged on the support 3.

Having described the invention, I claim:—

A suction cup of compressible material having a headed extension, a wire member having one end received in the head of the cup and having itself a headed end embedded in the said head of the cup, said wire having its outer portion extending through the head of the cup and coiled to provide a handle, said wire from the coil being directed angularly toward the plane of the mouth of the cup and being corrugated substantially throughout the length thereof and merging into a rounded end, for the purpose set forth.

In testimony whereof I affix my signature.

LLEWELLYN JONES.