

April 5, 1932.

J. W. DEMPSEY

1,852,449

WINDOW DISPLAY SUPPORT

Filed May 31, 1930

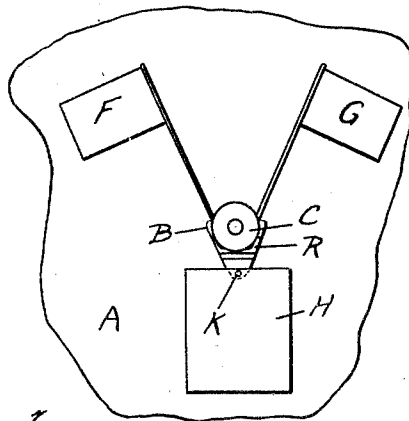


Fig. 1.

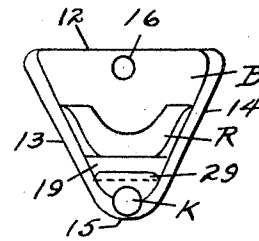


Fig. 2.

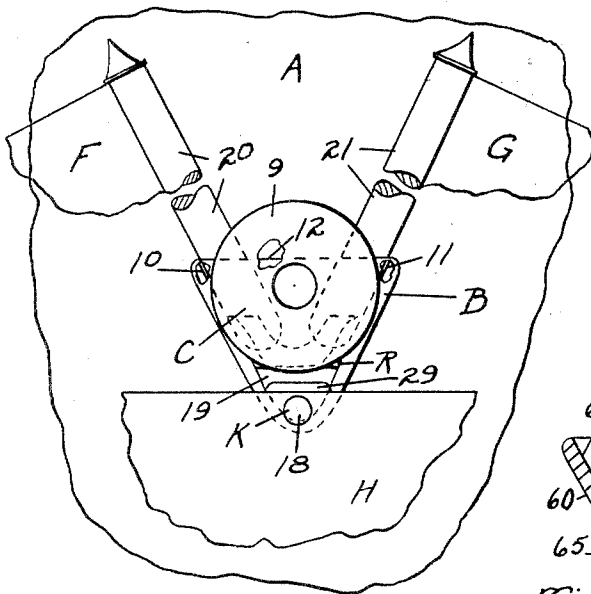


Fig. 3.

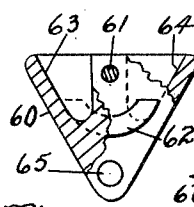


Fig. 3A

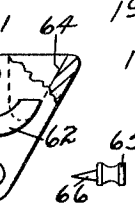


Fig. 3B

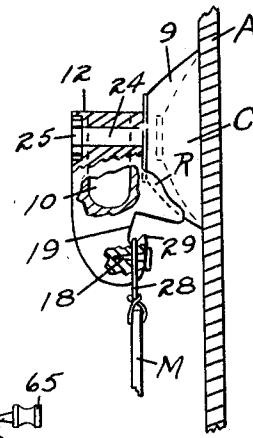


Fig. 4

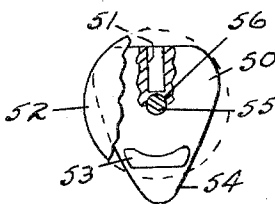


Fig. 5.

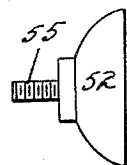


Fig. 6.

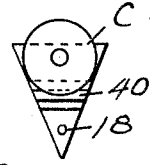


Fig. 7.

INVENTOR
John W. Dempsey
BY
Gardner D. Pearson
ATTORNEY

UNITED STATES PATENT OFFICE

JOHN W. DEMPSEY, OF LOWELL, MASSACHUSETTS

WINDOW DISPLAY SUPPORT

Application filed May 31, 1930. Serial No. 457,968.

This invention relates to devices for holding flags, ornaments or advertising matter inside show windows in stores or office windows in office buildings or ordinary windows in dwelling houses.

While it might be used outside, its special purpose is to provide the occupant with a neat, convenient holder by which flags, fans or other similar devices which include a staff can be supported on the inside of a window pane in any position desired.

The device also preferably includes means by which a card on which is a photograph, picture or other ornament can be held in position with reference to such flags inside the window.

The device is of such character that it can instantly be attached or detached but will be held in place so firmly that it can support a very substantial weight.

In the drawings, Fig. 1 is an elevation of the device with display articles in position as viewed from the front through a pane of glass.

Fig. 2 is a front elevation of the body with the suction cup removed and with a nail in place.

Fig. 3 is a front elevation similar to Fig. 1, but on an enlarged scale and showing mainly the support itself.

Fig. 3A is a front elevation similar to Fig. 2 of a modification of the holding body, part being broken away to show the interior.

Fig. 3B is a side elevation of another form of nail or means by which to hang a display article.

Fig. 4 is a side elevation partly in section as from the left of Fig. 3, but with the flags removed and other display articles attached in a different way, the body being shown partly in section to show the construction.

Fig. 5 is a front elevation of a modified form of support the suction cup being broken away and part being shown in section to show the construction.

Fig. 6 is a side elevation of the suction cup shown in Fig. 5 removed from the body.

Fig. 7 is a front elevation similar to Fig. 5 of another modification.

In the drawings, A represents a sheet of

glass which may be a store or office window or an ordinary window pane in a dwelling house.

B is the body of my holding device shown as made of a block of wood bakelite, fibre or other suitable material of substantially triangular shape with the top side 12 substantially horizontal when in position and having the holes 10 and 11 which are relatively vertical if viewed from the side as in Fig. 4 or as making an angle if viewed as shown in Fig. 3.

These holes 10 and 11 are each adapted to receive a staff such as 20 or 21 each of which may be part of a flag such as F or G or a banner, fan or other similar article.

The sides 13 and 14 converge to a rounded point 15 and in the front near the bottom is a nail hole 18 adapted to receive a nail such as K by which a card or similar article such as H can be attached or detached.

C is a concavo-convex rubber suction cup which is fixed to body B and is adapted to adhere to a pane of glass such as A when pressed against it and then allowed to expand.

R is a brace attached to the front of the body proximate and under cup C in such a position that when the cup is in holding position against the glass it touches along the lower part of the cup thereby stiffening that part and helping to keep the center of gravity of the whole outfit, including the card H and the flags F and G by their weight, from forcing out the top part such as 9 of cup C, thus allowing the air to enter.

Brace R is preferably of curved shape where it touches cup C.

The hole 18 is one means by which to hang a display article such as H, but I prefer to use also another hole or horizontal groove 19 which makes a sort of hook 29 whereby a loop such as 28 attached to an article such as M can be used to support such an article M, as shown in Fig. 4.

When the air begins to enter the cup C, it lets go its grip and the whole organization falls.

In Fig. 5, I show a body 50 of a different shape having in the top one staff hole 51 and having at the lower front 54 no nail hole.

There is a concavo-convex cup 52, however, similar to C and proximate and under the cup

is a brace 53 attached to the front of body 50.

In Fig. 7, the brace 40 is straight instead of curved or annular as shown at R and in the front at the bottom, the means to hang or display is only the nail hole 18, there being no hook such as 29 nor groove such as 19.

The suction cup, such as C, may be attached by means of a bolt 24 and nut 25 as shown in Fig. 4 or as shown in Figs. 5 and 6, the rubber part 52 may be integral with a screw 55 which is screwed into a suitable hole 56 in body 50.

In Fig. 3A, I show a triangular body 60 having a brace 62 and hole to receive an attaching shank 61 for a suction cup and in the top, the diverging holes 63 and 64 which are wider at the top than at the bottom so that a staff can be easily put in or taken out.

The means by which to hang a display article near the bottom is a nail 65 having an elongated head with an annular groove in which a loop such as 28 can be held and a pointed shank 66 to enter a nail hole such as 18.

I claim:

1. In a window display support, the combination of a body of substantially triangular shape having a flat front and in the top relatively vertical diverging holes each adapted to receive a staff and in the front, near the bottom, means by which to hang a display article; with a concavo-convex rubber suction cup having a flat back which is fixed to the flat front of the body and adapted to adhere to a pane of glass; and a brace attached to the front of the body and which fits and extends under the convex part of said cup.

2. In a window display support, the combination of a body having a flat front and in the top a relatively vertical hole adapted to receive a staff and in the front near the bottom means by which to hang a display article; with a concavo-convex rubber suction cup having a flat back which is fastened to the flat front of the body and adapted to adhere to a pane of glass; and a brace attached to the front of the body and which fits and extends under the convex part of said cup.

3. In a window display support, the combination of a body having a flat front and in the top a hole adapted to receive a staff; with a concavo-convex rubber suction cup having a flat back which is fastened to the flat front of the body and adapted to adhere to a pane of glass; and a brace attached to the front of the body and which fits and extends under the convex part of said cup.

JOHN W. DEMPSEY.