April 19, 1932. F. L. PATTERSON 1,854,483

HOLDER FOR COLLAPSIBLE TUBES AS AN ARTICLE OF MANUFACTURE

Filed Nov. 22, 1929

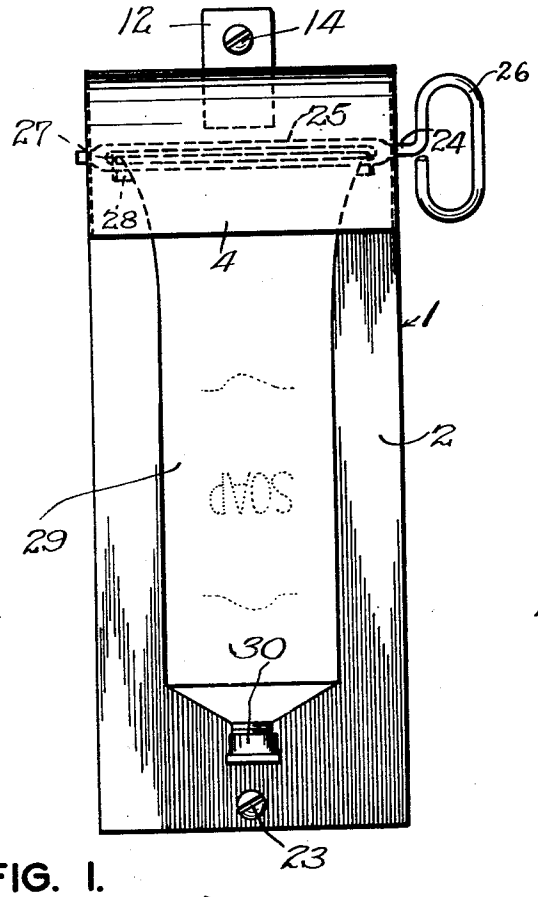

FIG. 1.

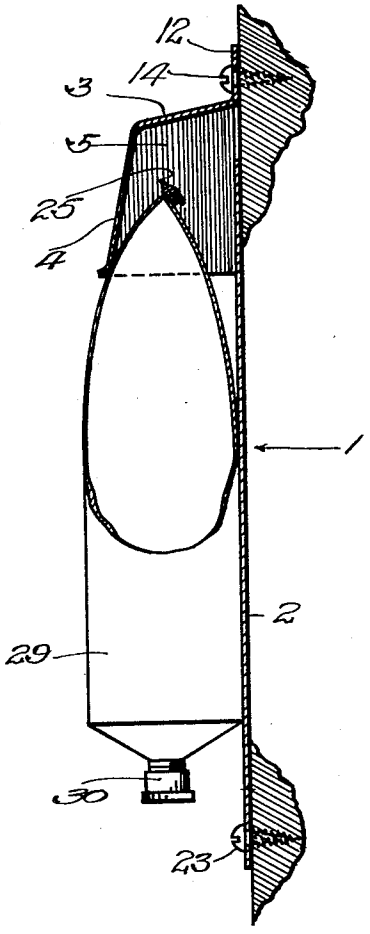

FIG. 3.

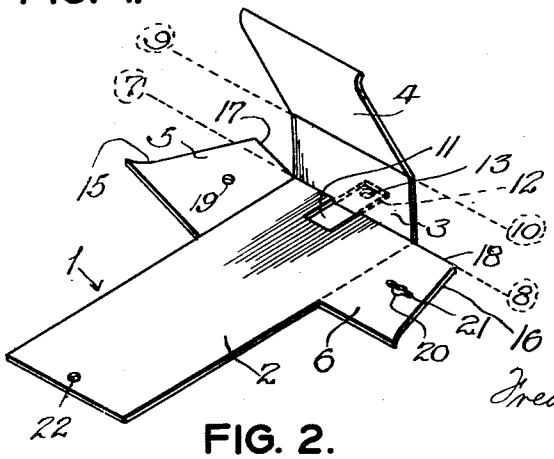

FIG. 2.

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HOLDER FOR COLLAPSIBLE TUBES AS AN ARTICLE OF MANUFACTURE

Application filed November 22, 1929. Serial No. 409,172.

My invention relates to a holder for collapsible tubes such as are used for containing shaving soap, tooth paste and the like, as an article of manufacture.

The objects of my invention are to provide a device of this class which is new, novel, practical and of utility; which will be adapted for easy disposition upon a wall; which will sustain a collapsible tube, and which will comprise means for rolling and collapsing said tube upon itself for the purpose of forcing, as desired, portions of its content therefrom; which will be cheap in manufacture; which will save time; which will render available for use more of the said tube's content than is ordinarily available; which will be sanitary; which will be positive in action; which will prevent waste and loss of content by breakage due to manual manipulation of the tube; which will prevent the misplacing of the tube; which will be efficient in accomplishing all the purposes for which it is intended.

With these and other objects in view as will more fully appear, my invention consists in the construction, novel features, and combination of parts hereinafter more fully described, pointed out in the claims hereto appended, and illustrated in the accompanying drawings, of which;

Figure 1 is a front elevational view of my holder containing a collapsible tube and disposed upon a wall;

Figure 2 is a perspective view of the stamped and die cut sheet metal from which the holder is formed; and

Figure 3 is a side elevation of the holder in section, containing a usual tube partly in section.

Like characters of reference designate like parts in all the figures.

It is understood that various changes in the form, proportion, size, shape, weight and other details of construction, within the scope of my invention may be resorted to without departing from the spirit or broad principle of my invention and without sacrificing any of the advantages thereof; and it is also understood that the drawings are to be interpreted as being illustrative and not restrictive.

One practical embodiment of the invention as illustrated in the drawings comprises:

A strip 1 of sheet metal, which is die cut as shown in Fig. 2 to form a rectangular back 2, top 3, and front 4. Said strip, adjacent its side central portions is provided with laterally extending wings, respectively shown as 5 and 6. The said top 3 is formed by bending the plate forwardly along the line 7—8 and again along the line 9—10. The central portion of the said back 2 has a three sided die cut shown as 11, the upper edges of which terminate along the line 7—8. The metal lip 12, formed by this cut is bent backwardly and upwardly to aline with the said back 2, and is perforated as shown as 13 for the holding screw 14. The said wings 5 and 6, at their respective side edges 15 and 16 and their top edges 17 and 18 are cut angularly as to the said back 2, so as to conform to the shape of the side edges of the said top 3 and front 4, to which they are soldered, spot welded or otherwise attached in a desired manner. The sides 5 and 6 are provided with alined perforations, shown respectively as 19 and 20, while said side 6 is provided with a slot shown as 21, the center of which coincides with the said perforation 20. The lower end portion of the said back 2 is provided centrally with a perforation shown as 22, for the insertion of the holding screw 23. The slot 20 provides means for the insertion and withdrawal of a usual key 24, while the said perforations 19 and 20 serve as bearings for the rotation of the said key. The said key is of wire, has a flattened central portion 25 and a handle 26 which extends externally as to the side 6. The central flattened portion 25 of the key is slotted as shown at 27 to receive the flat end portion 28 of a usual collapsible tube 29.

In use the holder will be disposed as described upon a wall, convenient for its use. With the end of the tube 29 disposed therein as described and its cap 30 removed, a slight turn of the key 24 will force a small quantity of the tube's content therefrom, at its usual point of exit. As seen in Fig. 3, ample space is provided for screwing cap 30 on and off.

It may be seen that the back 2 and the front 4 act as a positive means for holding the tube against inadvertant movement.

Obviously, the invention is susceptible of embodiment in forms other than that which is illustrated in the accompanying drawings and described herein, and applicable for uses and purposes other than as detailed and I therefore consider as my own all such modifications and adaptations and other uses of the form of the device other than as herein described as fairly fall within the scope of my invention.

Having thus described my invention, what is claimed and desired to be secured by Letters Patent, is:

1. A holder for collapsible tubes, consisting of a single blank of metal comprising a flat plate adapted to be attached flatly to a vertical plain surface, an attaching ear at the upper end of said plate, an open bottomed housing outstanding from the upper portion of said plate, an outwardly curved lip upon the lower end of the front of said housing, and two ends for said housing, each end formed with an open bearing, and a shaft journaled in said bearings having a split portion for engaging the flat end of the tube, said shaft having a hand turning handle upon one of its ends, said plate constructed of sufficient length to extend below the lower end of a tube engaged by said shaft, and said shaft so arranged that the engaged tube will constantly contact said lip and said plate.

2. Organization as described in claim 1, in which one end of said housing is formed with a circular perforation to receive the end of said shaft, and in which the other housing end is formed with a vertical slot having a circular enlargement for permitting the insertion of said shaft.

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