June 23, 1953 J. S. CLARK 2,643,028

DISPENSER FOR COLLAPSIBLE TUBES HAVING A SLOTTED ROLLER AND A ROUNDED EDGE COOPERATING THEREWITH

Filed Sept. 14, 1950

FIG. 1

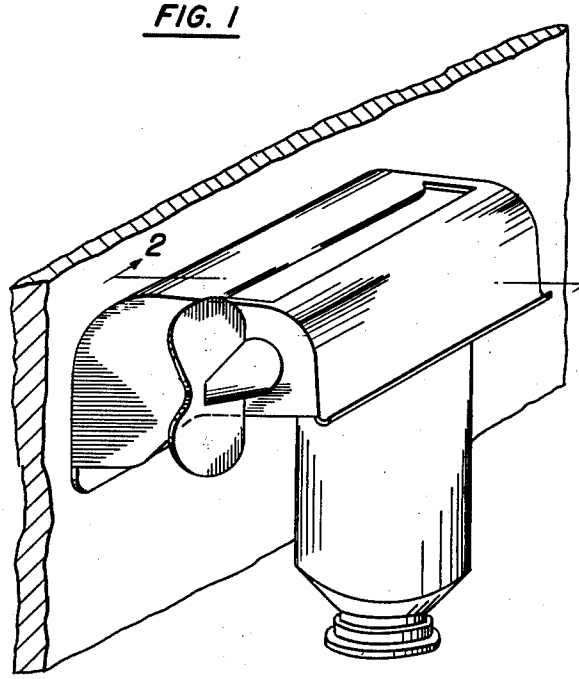


FIG. 2

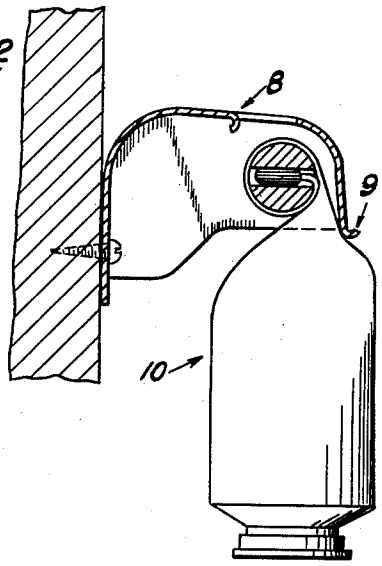


FIG. 3

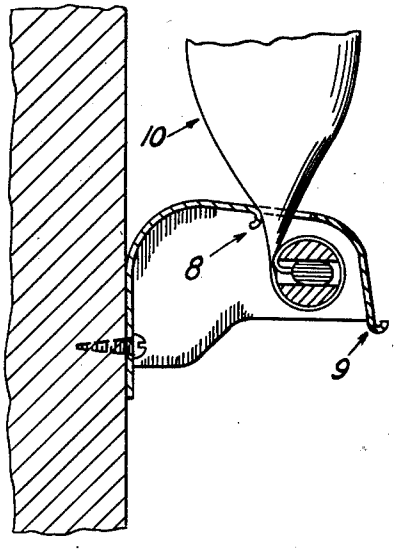


FIG. 4

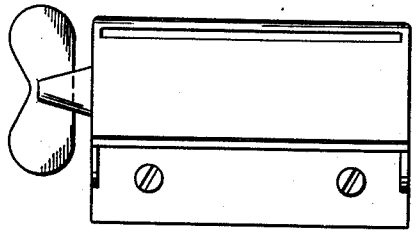


FIG. 5

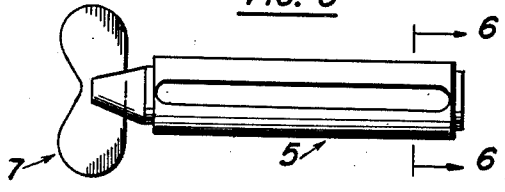


FIG. 6



INVENTOR.

Joseph S. Clark

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DISPENSER FOR COLLAPSIBLE TUBES HAVING A SLOTTED ROLLER AND A ROUNDED EDGE COOPERATING THEREWITH

Joseph S. Clark, Sherwood Forest, Md.

Application September 14, 1950, Serial No. 184,842

2 Claims. (Cl. 222—97)

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My invention relates to holding and squeezing devices for paste tubes.

The principal object of my invention is to provide a device for holding and squeezing collapsible containers carrying a substance which it is desired to discharge through openings therein.

A further object of the invention is to provide a device which may be attached to or taken from the wall or other surface as the need arises.

A further object of the invention is to provide a device which will support and squeeze a tube either suspended or in an upright position, using the same roller for either position.

A further object of the invention is to provide an attractive, inexpensive and a thoroughly practicable device.

These and further objects of the invention will be set forth in the following specification, reference being had to the accompanying drawing, and the novel means by which said objects are effectuated will be definitely pointed out in the claims.

Fig. 1 is a perspective view showing a tube suspended between the squeezing mechanism.

Fig. 2 is a transverse sectional view of the invention showing a tube being fed through the lower squeezing mechanism.

Fig. 3 is also a transverse sectional view of the invention showing a tube being fed through the top squeezing mechanism.

Fig. 4 is a front view of the invention.

Fig. 5 is a perspective view of the slotted roller.

Fig. 6 is a transverse sectional view of the short end of the roller.

Referring to the drawing, 2 indicates the housing or frame member having top side and end walls with a slot in the top wall, as shown in Fig. 1. The ends have apertures forming bearings for accommodating the slotted roller 5. The lower portion of the back has two or more openings for screws to hold the body to the wall as

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shown in Fig. 4. The slotted roller 5 has an extended trunnion on which is mounted a thumb piece 7 for turning the roller. When the flattened end of the tube is inserted in the slotted roller and the thumb piece 7 turned the tube is drawn between the squeezing mechanisms as in Figs. 2 and 3. The flanges 8 and 9 forming rounded edges at the side of the slot and at the edge of one side wall, respectively, of the frame member as shown in Figs. 2 and 3 are rolled sufficiently to allow the tube 10 to pass yet retarding the tube sufficiently to cause it to wrap tightly around the pulling roller which causes a pressure on the tube and roller which forces out the contents.

I claim:

1. Means for supporting and compressing a collapsible tube, comprising a housing having top, side and end walls, and open at the bottom, each end wall having a bearing, a slotted roller journaled in said bearings, the top wall having a slot with a rounded edge at one side of said slot, and one of the side walls having a rounded edge, whereby a collapsible tube may be inserted either upwardly through the open bottom, or downward through said slot into the slotted roller, the rounded edges cooperating with the roller to expel the contents from the tube.

2. A device as claimed in claim 1 in which one side wall has means for attachment to a support.

JOS. S. CLARK.

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