

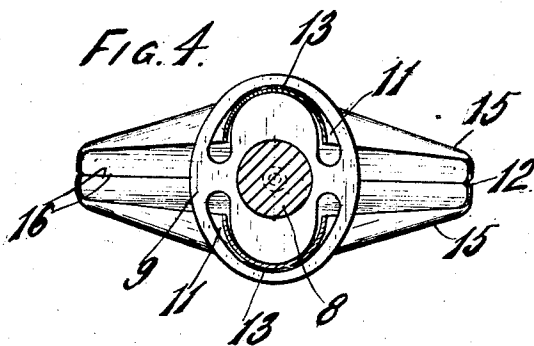
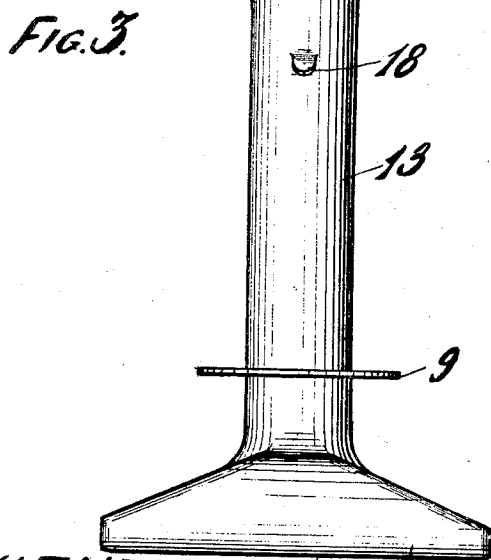
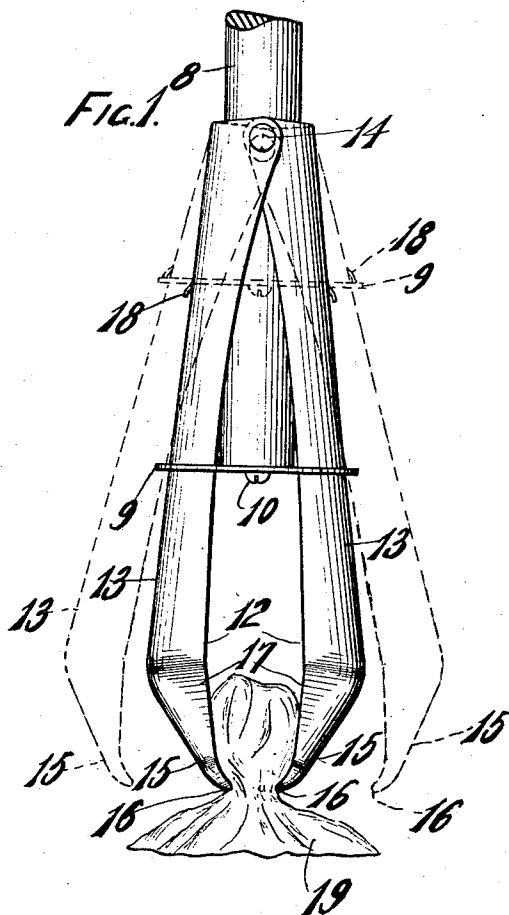
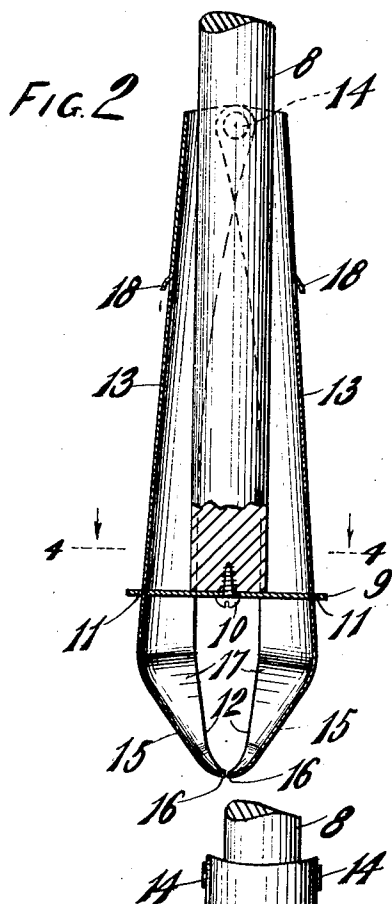
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MOP HOLDER.

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1,053,210.

Patented Feb. 18, 1913.



WITNESSES.

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MOP-HOLDER.

1,053,210.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, EMANUEL NIELSEN, a subject of the King of Denmark, and resident of Racine, in the county of Racine and State of Wisconsin, have invented new and useful Improvements in Mop-Holders, of which the following is a description, reference being had to the accompanying drawings, which are a part of this specification.

This invention relates to improvements in mop holders.

It is one of the objects of this invention to provide a mop holder for household use which is simple in construction and operation and which may be manufactured and sold at a minimum amount.

A further object of the invention is to provide a mop holder which may be easily attached to a mop cloth by pushing downwardly on the handle of the holder when the engaging portion of the holder is resting on the cloth, and which may also be easily released from the cloth by placing the foot on the cloth and pulling upwardly on the handle.

With the above and other objects in view, the invention consists of the improved mop holder and its parts and combinations, as set forth in the claims, and all equivalents thereof.

In the accompanying drawing in which the same reference characters indicate the same parts in all of the views: Figure 1 is a side view of the lower portion of the improved mop holder shown connected to a mop cloth, the jaws of the holder being represented in open position by dotted lines; Fig. 2 is a similar view thereof with the jaws and other portions shown in section; Fig. 3 is a side view of the lower portion of the holder at right angles to Fig. 1; and Fig. 4 is a transverse sectional view taken on line 4-4 of Fig. 2.

Referring to the drawing the numeral 8 indicates the handle of the holder, which is round in cross section and of any length desired. A disk or plate 9 fastened to the lower end of this handle by a screw 10 is provided with two oppositely positioned semi-circular slots 11 which increase in width toward their ends. A pair of clamping members 12, cut and formed from sheet metal and having semi-circular shank portions 13 which extend through the semi-circular slots 11 of the disk, loosely surround

the handle and overlap each other at their upper side edges and are pivoted together by the rivet pins 14. The lower end portions of these shanks project outwardly at right angles and form with the stems T-shaped ends or jaws 15, and the lower inwardly extending cloth engaging edges 16 of these jaws extend in lines parallel with relation to each other. The jaws 15 of the clamping members are reinforced by the side flanges 17 which merge into the semi-circular portions of the shanks. Lips 18, forced outwardly from the shank portions of the clamping members, serve as stops to limit the downward movement of the clamping members with relation to the disk.

The mop cloth is indicated by the numeral 19. The shanks of the clamping members diverge outwardly, downwardly, so that when the disk is forced downwardly it will draw the jaws of the members clamping together, and when the jaws are in a clamping position the diverging angles will be so slight that the frictional contact of the parts will hold the clamping members in adjusted position.

In use the clamping members are moved to their lowermost position and placed on the mop cloth to be engaged. The handle is now pushed downwardly and this movement will force the jaws together into clamping engagement with the cloth, and when it is desired to disengage the jaws from the cloth the foot of the user is placed on the cloth and the handle is pulled upwardly.

From the foregoing description it will be seen that the mop holder is of very simple construction, is easily operated and is strong and durable, and may be manufactured and sold at a minimum price.

What I claim as my invention is:

1. A mop holder for grasping and releasing a mop cloth by a longitudinal movement of the mop handle, comprising a pair of diverging clamping jaws pivoted together at their upper ends, a handle slidably passing between the upper portions of the jaws, and means connected to the lower end of the handle and engaging the diverging portions of the clamping jaws for laterally moving said jaws when the means is moved by a longitudinal movement of the handle.

2. A mop holder for grasping and releasing a mop cloth by a longitudinal movement of the mop handle, comprising a pair of di-

verging clamping jaws having overlapping shank portions pivoted together at their upper ends, a handle slidably passing between the shank portions, and a plate carried by the lower end of the handle and extending around and engaging the diverging jaw portions for laterally moving said jaws when the plate is moved by a longitudinal movement of the handle.

3. A mop holder for grasping and releasing a mop cloth by a longitudinal movement of the mop handle, comprising a pair of clamping jaws pivoted together at their upper ends and diverging downwardly toward their lower ends, a handle slidably passing between the upper portions of the jaws, and a member connected to the lower end of the handle and slidably engaging the diverging portions of the clamping jaws for laterally moving said jaws when the member is moved by a longitudinal movement of the handle.

4. A mop holder for grasping and releasing a mop cloth by a longitudinal movement of the mop handle, comprising a pair of sheet metal clamping members having side strengthening flanges which overlap each other at their upper ends and are pivoted together, said clamping members diverging downwardly toward their lower ends and having clamping jaws formed on their lower ends which extend toward each other, a plate carried by the lower end of the handle and positioned to engage the inner and outer faces of the diverging portions of the clamping members for laterally moving said members when the plate is moved by a longitudinal movement of the handle.

In testimony whereof, I affix my signature, in presence of two witnesses.

EMANUEL NIELSEN.

Witnesses:

FREDERIK JACOBSEN,
FRED HANSEN.