Feb. 21, 1928. 1,660,062

W. J. BARBER

DUST MOP

Filed Feb. 14, 1927

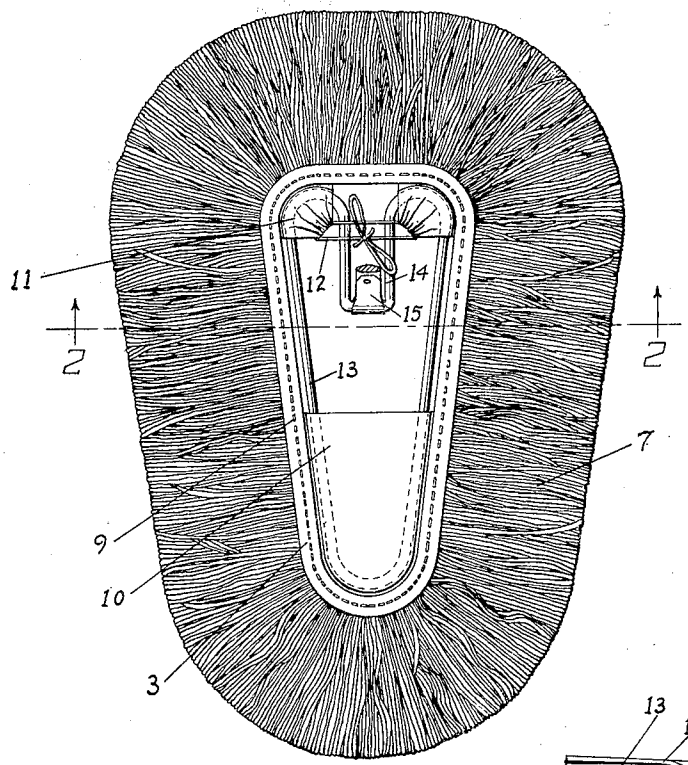


Fig-1

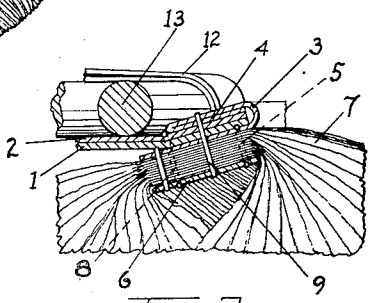


Fig-3

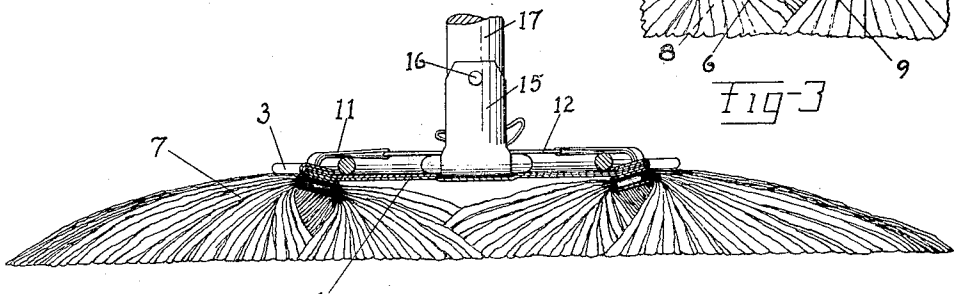


Fig-2

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UNITED STATES PATENT OFFICE.

WILLIAM J. BARBER, OF DELPHOS, OHIO, ASSIGNOR TO THE DELPHOS MOP COMPANY, A CORPORATION OF OHIO.

DUST MOP.

Application filed February 14, 1927. Serial No. 167,936.

This invention relates to dust mops, and the objects are to provide a mop having the new and improved features of construction and arrangement hereinafter described.

The invention is shown by way of illustration in the accompanying drawings, in which:

Fig. 1 is a top plan view of the mop head showing the manner in which the frame is attached; Fig. 2 is an enlarged section on the line 2—2 of Fig. 1; and Fig. 3 is an enlarged detailed cross-section showing the manner in which the yarn or strands are secured to the mop head.

The mop head comprises a backing piece 1 of canvas or other material of like nature on the top of which is arranged a lining 2 of alpaca or other similar light material for presenting a finished appearance. The backing piece 1 and lining 2 are substantially triangular in shape, and folded over or embracing the marginal portions of the backing 1 and lining 2 is a strip 3, the upper edge portion of which is doubled over, as indicated at 4 and lies against the lining 2. The marginal strip 3 extends entirely around the edge of the backing 1, as shown in Fig. 1.

Secured to the underside of the strip 3 by stitching 5 extending through a tape 6, are strands or yarn 7, which are positioned crosswise of the strip 3 with the shorter lengths extending inwardly and the longer lengths extending outwardly. As shown in Fig. 2 the strands extending inwardly from opposite sides of the mop head completely cover the under surface thereof, and the outer lengths of the strands for picking up dust extend a considerable distance beyond the outer sides of the mop head. It is further to be noted that the shorter lengths of the strands form a padded center for the mop and eliminate any liability of the mop marring the finest of floors.

The stitching 5 is at the outer side of the tape 6 and strip 3, and extending through the tape 6, strip 3, backing 1, and lining 2 at the inner side of the tape are stitches 8. The folded-over portion 4 of the strip 3 is securely held in place by stitches 9, which pass through the several parts as shown, and in this manner, the strands are fixedly held in place. It will be readily observed that this mop head lends itself admirably to quantity production in that the yarn or strands may be first sewed to the tape 6 and strip 3, and subsequently the backing 1, lining 2 and folded-over portion 4 may be secured together by the strips 8 and 9, as heretofore described.

Secured to the backing 1 and lining 2 as by the stitches 8, is a fabric piece 10 forming a pocket at the front end portion of the mop head. Similarly secured to the mop head at the rear end portion and at opposite sides thereof, are fabric flaps 11, which are looped to receive a cord 12. These parts form attaching means for the mop head so that the latter may be conveniently attached to a frame.

The frame to which the mop head is attached is composed of a triangularly shaped wire body portion 13, the front end of which extends into the pocket formed by the fabric piece 10, and the rear end portions are engaged by the flaps 11. Formed on the rear end portion of the body portion is a reentrant U-shaped part 14, to which a ferrule 15 is pivoted. Fixed to the ferrule 15 by a rivet 16 is a handle 17. In attaching the mop head to the frame, it will be seen that the cord 12 is tied together over the arms of the U-shaped portion 14.

An outstanding advantage of this mop is that, it will easily slip under steam radiators, and any low furniture having about one inch clearance. It will also slip between the legs of pieces of furniture much more easily than any other construction of which I am aware. Every metal part of the mop is enclosed so that there is no possible chance of marring furniture or base boards of a room. It is to be understood that the metal ferrule 15 connecting the handle to the U-shaped part 14 may be covered with a rubber sleeve, if desired, to mitigate against liability of marring furniture from this part.

While I have shown and described a construction which is the best form known to me at the present time, it is to be understood that numerous changes in details of construction and arrangement may be effected without departing from the invention, especially as defined in the appended claims.

What I claim as new and desire to secure by Letters Patent is:

1. A mop comprising a backing, a fabric strip folded over the marginal portion of

said backing, mop strands disposed crosswise of and under said marginal portion, a tape under said strands, and means securing together said backing, folded fabric strip, tape and strands.

2. A mop comprising a backing, a fabric strip folded over the marginal portion of said backing with the edge portion of the strip on the upper side of the backing doubled on itself, mop strands disposed crosswise of the underside of said marginal portion, a tape under said strands, and means extending through said backing, folded strip, doubled edge portion, tape and strands for holding said parts together.

3. A mop comprising a backing, a fabric strip folded over the marginal portion of said backing, mop strands disposed crosswise of and under said marginal portion, a tape under said strands, means to secure said parts together, a piece secured to the upper side of said backing at one end to provide a frame-receiving pocket, and a flexible tab at the other end of said backing at each side to provide frame-attaching means.

4. A mop comprising a backing, a fabric strip embracing the marginal portion of said backing, a doubled edge portion on said strip engaging the upper side of said backing, mop strands secured to the underside of said backing, a pocket at the forward end of said backing, flexible tabs at the rear end of said backing on opposite sides thereof, and a triangular frame disposed in said pocket and engaged by said tabs.

In testimony whereof I have hereunto signed my name to this specification.

WILLIAM J. BARBER.