

July 29, 1924.

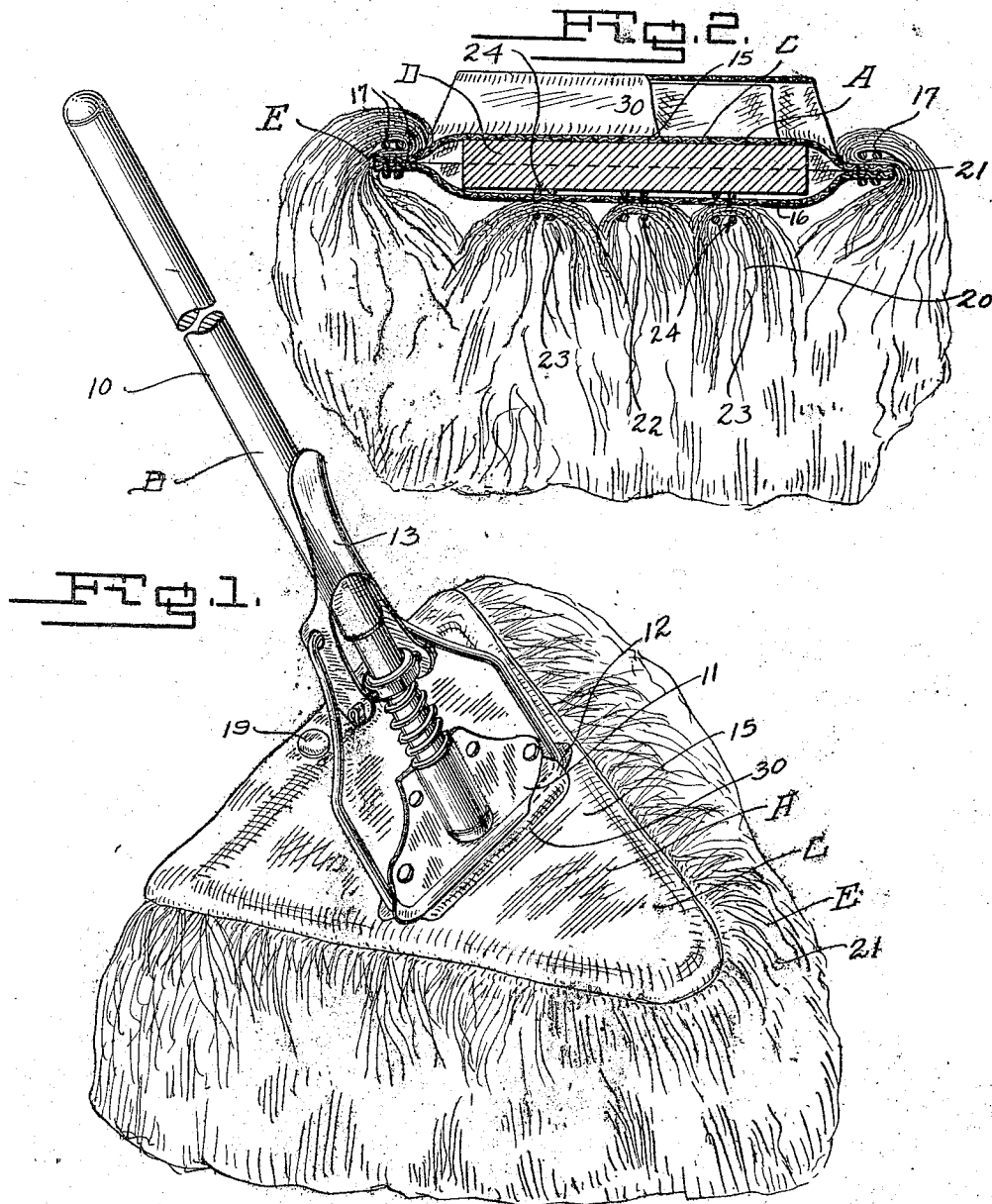
H. T. TUCKER

1,502,968

POLISH MOP

Filed May 8, 1922

2 Sheets-Sheet 1



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Fig. 3.

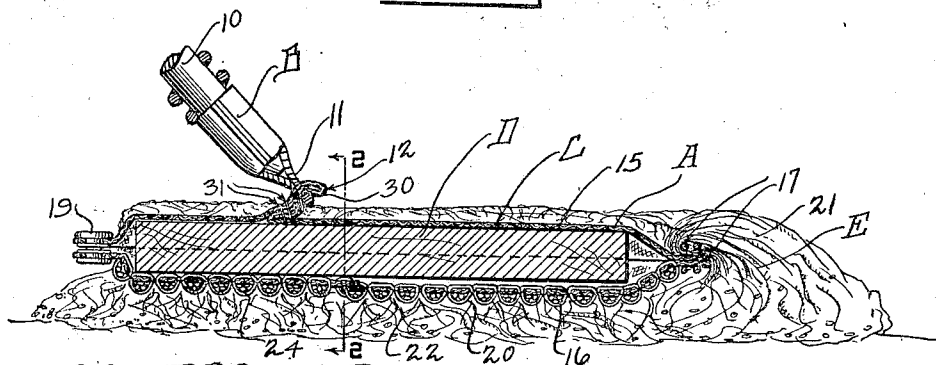


Fig. 4.

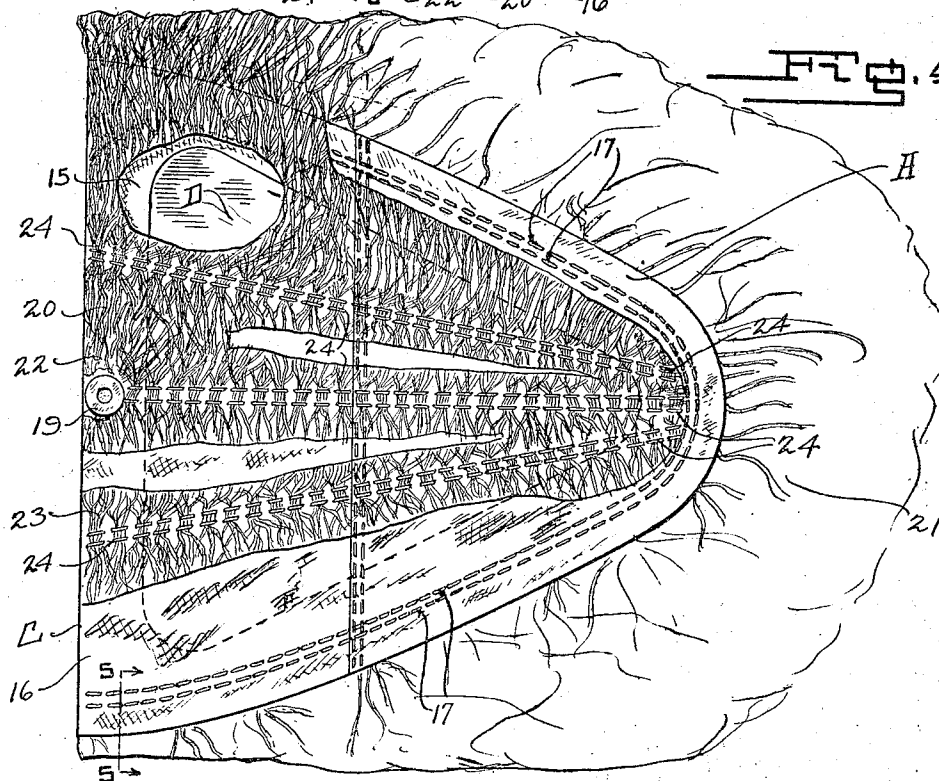
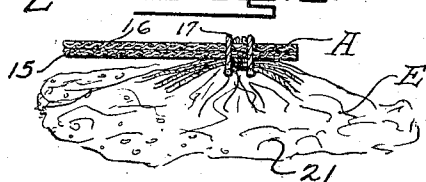


Fig. 5.



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UNITED STATES PATENT OFFICE.

HENRY T. TUCKER, OF FORT SMITH, ARKANSAS.

POLISH MOP.

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To all whom it may concern:

Be it known that I, HENRY T. TUCKER, a citizen of the United States, residing at Fort Smith, in the county of Sebastian and State of Arkansas, have invented certain new and useful Improvements in Polish Mops, of which the following is a specification.

This invention relates to mops and the primary object of the invention is the provision of an improved floor polish mop which is so constructed that the same will be durable and efficient in use, and one which can be placed upon the market at a reasonable cost.

Another object of the invention is the provision of an improved polish mop embodying a head which is particularly adapted for use with the ordinary type of scrub mop handle, thereby allowing said handle to be used with an ordinary scrub mop head when so desired.

A further object of the invention is the provision of a mop embodying a head including a cloth pocket carrying the swab for receiving a form plate for holding the head in correct polishing form, the plate being removably associated with the pocket so that different kinds of plates can be used with the mop head when so desired.

A further object of the invention is to provide a novel means for associating the form plate with the mop head, so that the possibility of the form plate contacting with the floor or furniture is absolutely eliminated, the swab carried by the head being also so arranged as to form a buffer for the said form plate.

A further object of the invention is the provision of a mop having novel means for connecting the swab strands to the body so that the same can be quickly secured in place, the arrangement of the strands forming efficient means for permitting the thorough polishing of the floor.

With these and other objects in view, the invention consists in the novel construction, arrangement and formation of parts, as will be hereinafter more specifically described, claimed and illustrated in the accompanying drawings, forming a part of this specification, in which drawings:

Figure 1 is a perspective view of the improved mop.

Figure 2 is a central transverse section through the improved mop head, taken on the line 2—2 of Fig. 3.

Figure 3 is a longitudinal central section through the improved mop head showing the mop handle connected thereto, parts of the mop handle being also shown in section.

Figure 4 is a bottom plan view of the mop head showing parts thereof broken away.

Figure 5 is an enlarged section taken on the line 5—5 of Figure 3, illustrating the means of connecting the swab strands to the marginal edge of the fabric body.

Referring to the drawings in detail, wherein similar reference characters designate corresponding parts throughout the several views, the letter A generally indicates the improved mop head; and B, the handle for said head.

The handle B is of the ordinary type, used for scrub mops and the improved head A is so formed as to permit the use of the handle with the same. As shown, the handle B consists of the handle stick 10, the rigid clamping jaw 11, the movable clamping jaw 12, and the operating lever 13 for the movable jaw. It is obvious that by operating the lever 13, the movable jaw 12 may be moved toward or away from the rigid jaw 11.

The improved mop head A includes a fabric body C; a form plate D, therefor; and a swab construction E.

The fabric body C is preferably formed of heavy material such as canvas or duck, and as shown the body consists of an upper triangular shaped piece 15 and a lower triangular shaped piece 16. These pieces 15 and 16 are disposed in superposed relation and are secured at their side marginal edges and their apex portions by a double row of stitching 17. This defines a pocket 18, in which can be positioned the form plate D as will be hereinafter more fully described. The rear marginal edges of the pieces 15 and 16 are left free so as to form an entrance opening to the pocket 18 and these pieces can be connected together at their rear edges in any preferred manner such as by a fastener 19 in order to prevent the accidental displacement of the form plate D therefrom.

The form plate D is of triangular con-

figuration and is adapted to fit snugly within the pocket 18 in order to prevent the deformation of the body C when the mop head is in use. In general practice, the form plate will be made of wood, but it is to be understood that the same may be made of relatively heavy material such as iron or the like in order to add weight to the body of the mop when the mop is used for polishing waxed floors and the like.

The swab E which is connected to the lower face of the body C includes a plurality of spaced rows of swab strands 20 and a marginal row of swab strands 21. As clearly shown in Figure 4 of the drawings, the rows 20 extend longitudinally of the body and consist of a central row 22 and side rows 23. The swab strands forming the rows are arranged transversely of the mop and are of a length to overlap one another, so as to completely cover the entire active face of the mop head. Each row is secured intermediate its ends to the mop head by rows of stitching 24 as also can be clearly seen by referring to Figure 2 of the drawings. The marginal row of swab strands 21 are preferably secured in place by the rows of stitching 17 utilized for connecting the pieces 15 and 16 together, and as shown this row of strands is secured intermediate its ends to the upper face of the piece 15 at the marginal edge thereof intermediate their ends, and the strands are folded over so that all of the terminals of the strands will engage the floor to be polished.

It is to be noted that the marginal row 21 of the swab strands form a buffer for the edge of the form plate D in order to insure against the marring of the floor or furniture by said plate.

The body C also includes a flexible strip 30 which is adapted to be engaged by the handle B, in order to permit the connection of the mop handle B with the mop head A. As shown, this flexible strip 30 is disposed transversely of the mop head A intermediate the forward and rear ends thereof and is of such a nature as to permit the mop head to swing back and forth thereon. This strip 30 is formed directly from the upper piece 15 of the body and this piece can be doubled transversely to form the said strip. As shown the top piece 15 is formed of two sections and the meeting sections are doubled together to form a seam and then sewed as

at 31. This construction permits the using of strips of scraps of canvas when so desired.

From the foregoing description, it can be seen that a novel polish mop has been provided of simple and durable construction in which the scratching of furniture thereby is positively eliminated and which permits the use thereof with an ordinary scrub mop handle.

Changes in details may be made without departing from the spirit or scope of this invention; but,

I claim:

1. In a mop, a head including a fabric body, a form plate in said body, a flexible handle engaging strip having one end connected to one face of the body intermediate the length of the body and at the other end movable independent of the body, and swab strands carried by the body and arranged to extend from the opposite face of the body.

2. In a mop, a head open at one point to provide an internal pocket and having upper and lower walls the upper wall being formed of flexible fabric and intermediate the length of the body having a portion doubled and secured to provide an upwardly extending flap extending transversely of the upper wall for engagement by a handle, and a shaping element positioned in the pocket.

3. In a mop, a flexible body portion including a pocket, a swab carried at the lower side of the body portion, a detachable form member enclosed in said pocket, a handle, and means on the flexible body for connecting the handle to the upper side of the body independently of the form member.

4. A mop head comprising a flexible body portion formed with a pocket therein having an opening thereinto, means to close said opening, a flat rigid block removably positioned within said pocket, mop material carried by the lower side of said body portion, and means on the back of said body portion adapted to detachably receive a handle.

5. In a mop, a flexible body providing a pocket a swab carried at one side of the body, a flexible strip at the opposite side of the body, a handle for detachable connection with said flexible strip, and a detachable former for disposition within said pocket to tautly position said body.

HENRY T. TUCKER.