June 19, 1945. L. C. McCLEAVE 2,378,644

SANITARY MOP DEVICE

Filed Aug. 26, 1942

FIG. 1.

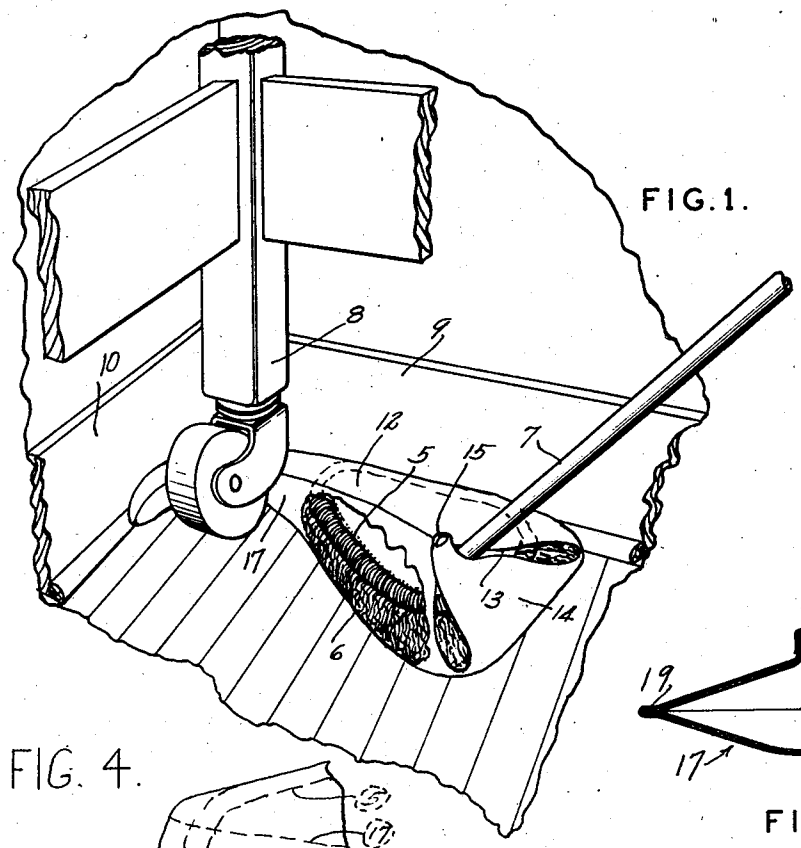
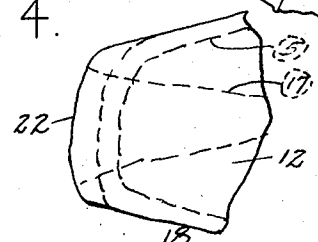



FIG. 4.



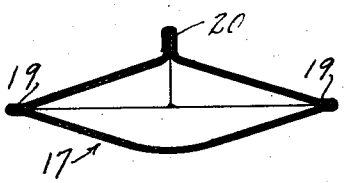




FIG. 3.

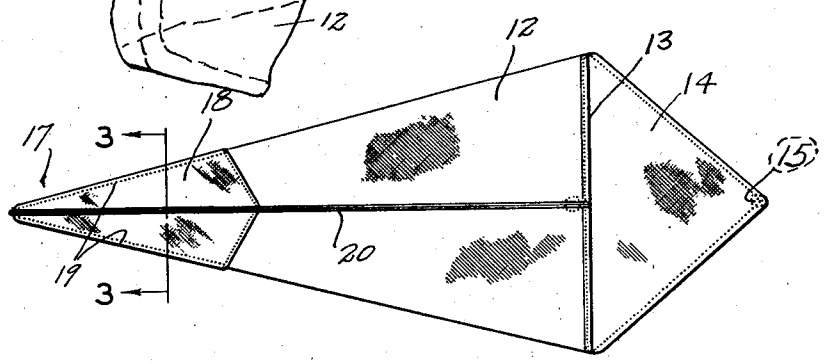



FIG. 2.

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## SANITARY MOP DEVICE

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4 Claims. (Cl. 15—247)

This invention relates to cleaning and polishing devices and the like and consists particularly in a novel mop device having a pliable or flexible projection of reduced section and substantial length for reaching restricted places not accessible to the body portion of the device.

Ordinary dusting and polishing mops are of substantially rigid or firm construction and of such size to prevent their reaching certain restricted places, such as behind the inside legs of beds, tables and other furniture, so that where such mops are used there is a tendency for dust, cob-webs, etc., to accumulate in these restricted places, especially if the items of furniture is too heavy for the housewife to readily move.

Moreover, dusting mops are difficult to clean so that usually, they are merely shaken from time to time, a process which only partially removes dirt and germs, especially after the mop has been used on greasy surfaces, such as kitchen floors and walls. Also, these mops have just one dusting surface, which substantially limits the use, both as to time and character of service.

An object of this invention is to provide a mop device having sufficient pliability or flexibility to pass around corners and curves and yet sufficient stiffness to maintain itself in projected position so as to enter such restricted places when the mop is caused to approach the same.

Another object is to provide a sanitary dusting mop, which may be easily washed and disinfected and will quickly dry for the next use.

Still another object is to provide a mop cover device which may be applied to substantially any kind of mop, whether worn or new, and thereby render the same sanitary and extend its period of usefulness and greatly increase and facilitate the service it performs.

The present embodiment takes the form, particularly, of a cloth bag or cover for detachably receiving a manipulating body, such as an ordinary string on dry dusting mop, and has a rather long, pointed projection with stiffening panels and seams for reaching restricted places.

In the drawing illustrating the invention:

Fig. 1 is a perspective view of the mop device being applied to a normally inacessible place behind the inside leg of a bed, portions of the structure being broken away for clearer illustration.

Fig. 2 is a plan view of the mop cover turned inside out, and

Fig. 3 is a section on the line 3—3 of Fig. 2.

Fig. 4 is a partial top view of the mop with the point tucked in.

The novel dusting cover is shown applied to a string-type mop having a backing loop 5 with the usual depending bed of string 6. A handle 7 is attached, conveniently pivotally, to the backing loop 5. This mop body is of rather firm, blunt construction so as not to readily enter such restricted places as behind the bed leg 8 and between the same and wall base boards 9 and 10, as in Fig. 1.

The novel mop cover is formed of suitable material, such as flannel, preferably dark colored, for temporarily holding dust and other particles, and includes an enlarged body or central portion 12, open at one end, as at 13, and provided with a flap 14 having a snap 15 for detachably securing the cover to the mop and around handle 7. Projecting from portion 12 is a rather long, tongue-like extension 17 of reduced section. Stitched to the inside of portion 17 is a stiffening panel 18, conveniently, but not necessarily, of the same material as the remainder of the bag, and opposite edges of portion 17 are longitudinally stitched, as at 19. The long seam, made in forming the bag from a sheet of goods, also extends longitudinally to the tip of portion 18 and cooperates with stitches 19 and paneling 18 to stiffen extension 17 whereby it is substantially self-supporting, when applied to a mop, and maintains itself in a projected position. In forming seam 20, the goods is folded so as to provide several layers, as indicated in Fig. 3, so as to better contribute to the stiffening effect mentioned.

In use, the cover may be applied to a suitable applying part, such as the head of a string mop and held in position by snap button 15. Where it is desired to reach some restricted or narrow space, the point 17 is left protruding, as in Fig. 1, but for some purposes it may be desirable to tuck in the point, as in Fig. 4, leaving a blunt end, as at 22. The covered mop may be in any condition of wear or cleanliness and in fact it may be convenient to use the mop without the cover, for some uses, as in the kitchen where grease may be encountered, and then apply the cover for dusting in another room. The cover, being of thin cloth may be washed and dried quickly and easily. All surfaces of the cover may be used and this facilitates reaching corners and under and side surfaces.

The form of the seaming and paneling in the pliable, form sustaining tip portion 17 may be varied as will occur to those skilled in the art.

Also the shape of the bag itself may be varied to conform with the shape of the particular applying device and, in fact, the pliable projection 17 may be otherwise formed on or attached to the mop body.

The exclusive use of all such modifications as come within the scope of the appended claims is contemplated.

I claim:

1. A dusting and polishing device comprising a cloth bag having a body formed of a single layer of the material with an opening and securing means for receiving a mop or the like, a reduced and tapered, hollow forward extension for reaching restricted places, and longitudinal stiffening paneling and stitched ribs for maintaining said extension flexible in projected position during service.

2. A dusting or polishing device comprising a firm body with a projecting handle, and a cloth cover having an enlarged portion receiving said body and a reduced tongue-like extension with longitudinal stiffening ribs and paneling for flexibly maintaining said extension in projected position for reaching restricted places not accessible to said body.

3. A mop cover of textile material having an enlarged body portion and a reduced, hollow extension, principally of single ply material, said extension being smaller in cross section than said body and being provided with longitudinal stiffening rib structure throughout its length formed of multiple layers of the material whereby said extension maintains itself flexibly projected during application to a surface and may bend in any direction for entering a restricted place not accessible to said body portion.

4. A dusting and polishing device comprising a cloth bag having a body for receiving a mop-head and a forwardly projecting elongated tapered hollow extension formed as a part of said body, said extension being formed of laminated cloth having longitudinally extending seams, said laminated structure and seams cooperating to provide a self-supporting pliable element for reaching places not accessible to the body.

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