

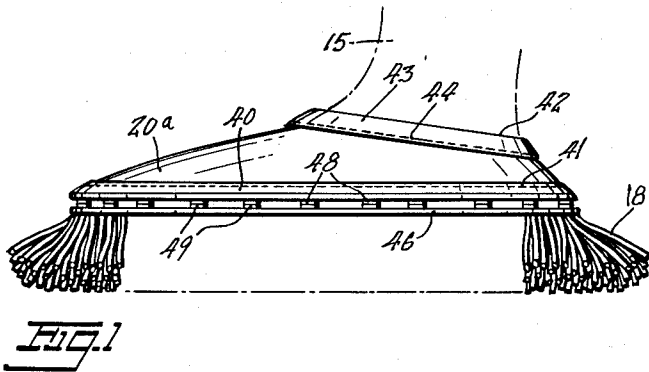
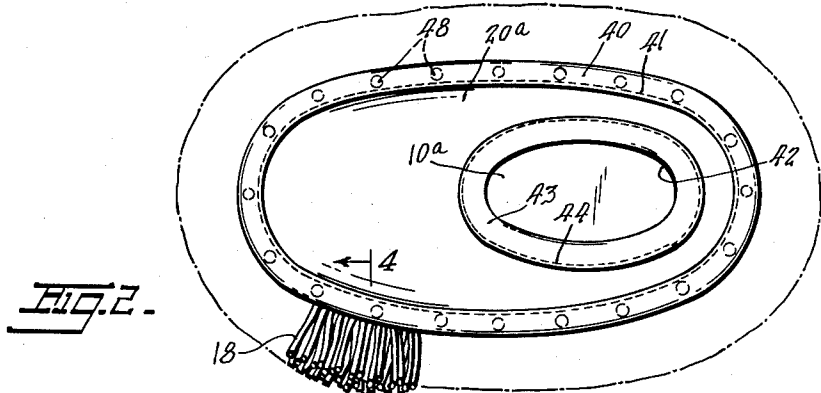
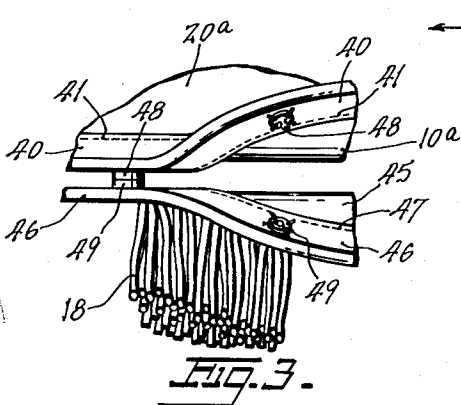
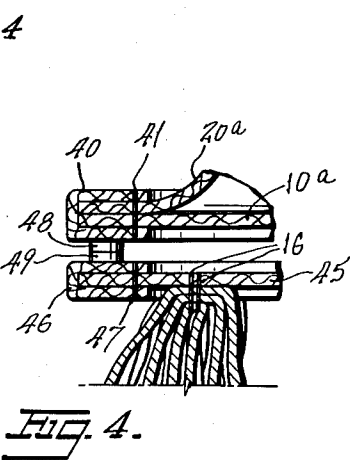
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E. PETERSON

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FLOOR POLISHING MOP MEANS

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INVENTOR.
ESTHER PETERSON
BY *Golden Polach*
ATTORNEY

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2,738,533

FLOOR POLISHING MOP MEANS

Esther Peterson, New York, N. Y.

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3 Claims. (Cl. 15—227)

This invention relates to new and useful improvements in an article for dry mopping and/or polishing floors.

According to the invention of my prior Patent No. 2,571,606, there is provided an improved mop or polisher flexible throughout and incorporating a bottom wall structure carrying the mopping or polishing instrumentalities, as a multiplicity of strands of yarn or the like, and an overlying stall for the fore part of a foot of the user of the device, whereby with such foot inserted into said stall shuffling or sliding movements of the foot may be employed while walking so as to dry mop and/or polish the floor. Thus a back-tiring kneeling posture is entirely obviated, and the work of dry mopping and/or polishing the floor is easily and quickly performed.

The concept of that invention is to provide a foot borne article for the purposes stated which is preferably not to be placed on a shod foot, but instead on a preferably bare foot, particularly for dry mopping and/or polishing, and which is entirely constructed of cloth so that the entire article may be conveniently washed for renewing and refreshing the same after repeated uses.

The above and other improvements of my said prior patent, among which latter are the feature that the full and free flexibility of the article allows a side thereof to be swept in fairly closely alongside a base-board and the toe portion to be applied with complete effectiveness to a floor corner, and that the yarn strands or the like are arranged in such a way as to be indiscriminately but considerably projected beyond the bounds of the flexible bottom wall structure, this last feature in part resulting from the manner of securement of such strands or the like to said structure, are all retained in the foot mop herein disclosed.

In other words, according to the present invention, all the advantages above mentioned or referred to, and further important advantages, are attained; these last having to do with the provision of simple, practicable and relatively inexpensive means for obtaining a more comfortable, dependable and efficient retention of the mop device on a person's foot.

Another object of the present invention proposes constructing the dry mopping and/or polishing article to include a water-proof foot engaging portion so as to protect the foot from polishes, waxes and similar substances used for cleaning and/or polishing floors and to which a mopping portion is releasably attached in a manner to be separated from the foot engaging portion to be washed independently thereof.

Still further, the present invention proposes the construction of a novel mop embodying certain of the principles of the present invention.

Also, according to the present invention, other important improvements are provided which will be described in detail or otherwise become clear from the matter following.

For further comprehension of the invention, and of the

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objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure:

Fig. 1 is a side elevational view of a dry mopping and/or polishing article constructed in accordance with the present invention and shown on a foot of a user.

Fig. 2 is a plan view thereof, without the foot.

Fig. 3 is an enlarged detailed view of a portion of Fig. 1 but showing one set of snap fasteners in a separated condition.

Fig. 4 is an enlarged partial transverse vertical sectional view taken on the line 4—4 of Fig. 2.

The dry mopping and/or polishing article shown includes a bottom wall 10^a of a waterproof material and upon which an upper curved wall 20^a is superimposed for cooperating with the bottom wall 10^a to form a foot stall. The walls 10^a and 20^a are preferably made of a rubberized cloth material and have the outlines of a somewhat elongated oval with their edge portions secured together by an elongated tape 40 which is engaged about the edge portions and secured in position by a line of stitches 41. Midway of its sides and closely adjacent its rear end, the wall 20^a is formed with a foot entrance aperture 42 with the edge portions of the wall 20^a defining the aperture 42 being finished by a length of tape 43 held in position by stitches 44. The entrance aperture 42 permits one's foot to be inserted into the stall formed by the walls 10^a and 20^a, as shown in Fig. 1.

Extended along the bottom face of the wall 10^a there is an auxiliary bottom wall 45 of a washable cloth material to which an endless bank 18 of strands of yarn or the like is secured at midway points along their lengths, by stitching 16 passing through the wall 45. This bank 18, when the device is completed, becomes distended or laterally offset, for projection not only below but outwardly beyond the edges of the bottom wall 10^a. The edge portions of the auxiliary bottom wall 45 are finished by an elongated tape 46 which is held in position by a line of stitches 47.

The auxiliary bottom wall 45 is releasably secured to the bottom wall 10^a by means of snap fasteners 48 which are stitched to the tape 40 and which are engageable with complementary snap fasteners 49 stitched to the tape 46, see particularly Figs. 3 and 4.

By having the walls 10^a and 20^a formed of waterproof fabric material, the foot inserted into the stall will be protected from the oils, waxes, polishes and other substances used on floors to clean and/or polish them. At the same time, the removable attachment of the auxiliary bottom wall 45 permits the separation of that wall together with the mopping stands 16 and 18 so that the same can be conveniently laundered and/or cleaned and even completely replaced when required.

The manner of using the article is as follows: Two of the articles constructed in accordance with the invention are placed upon the feet of the wearer and the wearer walks or shuffles about the floors of the house so as to simultaneously dry mop and polish the floors. The sides of the foot may be run along the base boards of the room and the toe portion of the foot may be effectively used for dry mopping and/or polishing in corners or other inaccessible places.

While I have illustrated and described the preferred embodiment of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

Having thus described my invention, what I claim as

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new, and desire to secure by United States Letters Patent is:

1. A polishing device comprising a bottom wall, an upper curved wall overlying the bottom wall and secured at its edges to the periphery of said bottom wall and having an aperture designed to receive the foot of a person, a second wall equal in size to and underlying said bottom wall, said second wall having banks of cloth strands secured thereto to clean the floor, tape members stitched around the outer peripheries of said bottom and second walls, and cooperating fastener means secured around said tape members to releasably secure the second wall and bottom wall together.

2. The combination of claim 1, wherein said bottom and upper walls are formed of waterproof fabric material to protect the foot of the wearer.

3. The combination of claim 2, wherein said aperture includes reinforcing tape around the edge thereof and said fastener means are snap fasteners.

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