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P. S. VOSBIKIAN ET AL
CLEANING AND POLISHING DEVICES

2,846,708

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Fig. 1.

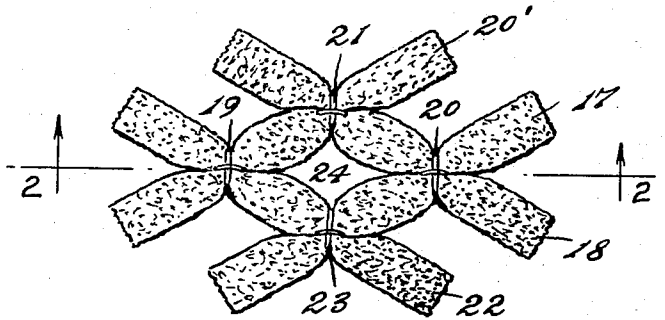


Fig. 2.

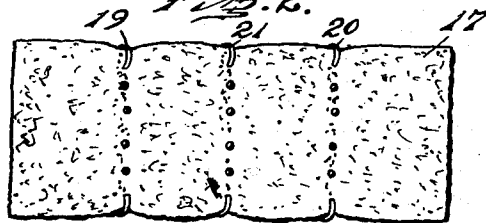


Fig. 3.

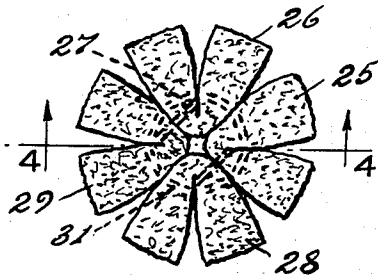
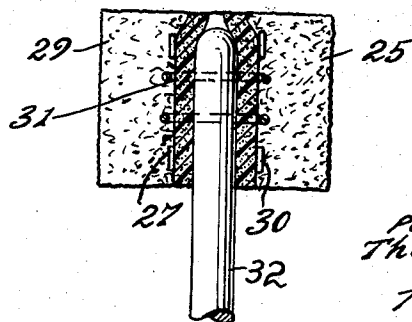


Fig. 4.



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CLEANING AND POLISHING DEVICES

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4 Claims. (Cl. 15-244)

A plastic material has recently been placed on the market having a multiplicity of cells throughout its area and having the characteristic of instantly returning to its original form when compressed and the compression released, and this action takes place whether the material is wet or dry. This material has been found to be very satisfactory, either dry or wet, for cleaning and polishing purposes since there is present a friction surface on the outside having a multiplicity of cut or partly open cells.

The object of our present invention is to devise from such material a novel cleaner and polisher.

With the foregoing and other objects in view as will hereinafter clearly appear, our invention comprehends a novel cleaning and polishing device.

For the purpose of illustrating the invention, we have shown in the accompanying drawings a preferred embodiment of it which we have found in practice to give satisfactory and reliable results. It is, however, to be understood that the various instrumentalities of which the invention consists can be variously arranged and organized, and the invention is not limited except by the scope of the appended claims to the exact arrangement and organization of these instrumentalities as herein set forth.

Figure 1 is a side elevation of an embodiment of the invention.

Figure 2 is a section on line 2-2 of Figure 1.

Figure 3 is an end elevation of another embodiment of our invention.

Figure 4 is a section on line 4-4 of Figure 3, but showing in addition a portion of a handle 32.

Similar numerals of reference indicate corresponding parts.

Referring to the drawings:

In the embodiment seen in Figures 1 and 2, two strips 17 and 18 are stitched together at opposite sides of their center at 19 and 20. The central portion of a strip 20' is stitched at 21 to the central portion of strip 17, and in a similar manner a strip 22 is centrally stitched to the central portion of the strip 18. This forms a generally cylindrical body with a central pocket 24 for the reception of a suitable handle or depending on the size employed of a hand or portion of a hand.

In the embodiment seen in Figures 3 and 4, a strip or sheet 25 has a strip 26 stitched to its central portion at 27. In a similar manner a strip 28 of the same size and dimensions as the strip 25 has a strip 29 stitched to its central portion at 30. The strips 25 and 28 are then secured together at opposite sides of their central portion by stitching 31 so that a generally cylindrical body is formed in which an opening is provided in which a handle can be inserted.

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All of the embodiments herein shown can be used in a dry or a wet state, and when dry do not become hard or crack. When compressed and then released, the plastic material assumes its original contour and arrangement. When wet it does not assume a sloppy condition due to the inherent tension in the fabric.

In all of the embodiments of the invention, we employ sheets of resilient, plastic having fibre-glass incorporated therein and surrounding the cells of the cellular formation to create a tension in the sheets and having a multiplicity of closed openings throughout the areas of the sheets with the openings at opposite sides at the surface cut through. The closed walls of the openings create a tension on the plastic so that when compressed and then released the plastic returns to its normal conformation. The sheets are stitched together to form a handle receiving opening, and the stitching at the points or lines of stitching compresses the sheets to cause opposite sides of the device to assume a non-flat conformation.

Having thus described our invention, what we claim as new and desire to secure by Letters Patent is:

1. A cleaning and polishing device, comprising a plurality of strips of resilient, cellular plastic material, each strip being folded upon itself to provide side portions deflected towards each other in V formation forming compressed and expansible inner base portions and outer spaced portions out of contact with each other, said strips being assembled in generally cylindrical formation with the sides of their base portions in contact with each other, and stitching extending through said base portions to compress them together and maintain a bunch formation, the expansibility of the base portions in a radial direction providing an opening for the insertion of a handle between said base portions.

2. The construction defined in claim 1, wherein the stitching extends transversely through the base portions and circumferentially of the bunch formation.

3. A cleaning and polishing device, comprising a plurality of rectangular strips of resilient, cellular and absorbent material, each strip being folded upon itself to form inner V shaped bases and outer diverging portions, said folded strips being assembled in generally cylindrical formation with the sides of the inner base portions in contact, and strip fastening means compressing said inner bases together to maintain a bunch formation of the strips and cause the portions of the inner base portions inwardly of the fastening means to be expansible and adapted to receive a handle between them.

4. The construction defined in claim 3, and a handle inserted into the bunch formation between said expansible inner base portions.

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