Nov. 25, 1930. C. A. CRANE 1,782,502

COMBINATION POLISH APPLYING AND FINISHING MITT

Filed Sept. 7, 1929

Fig. 1

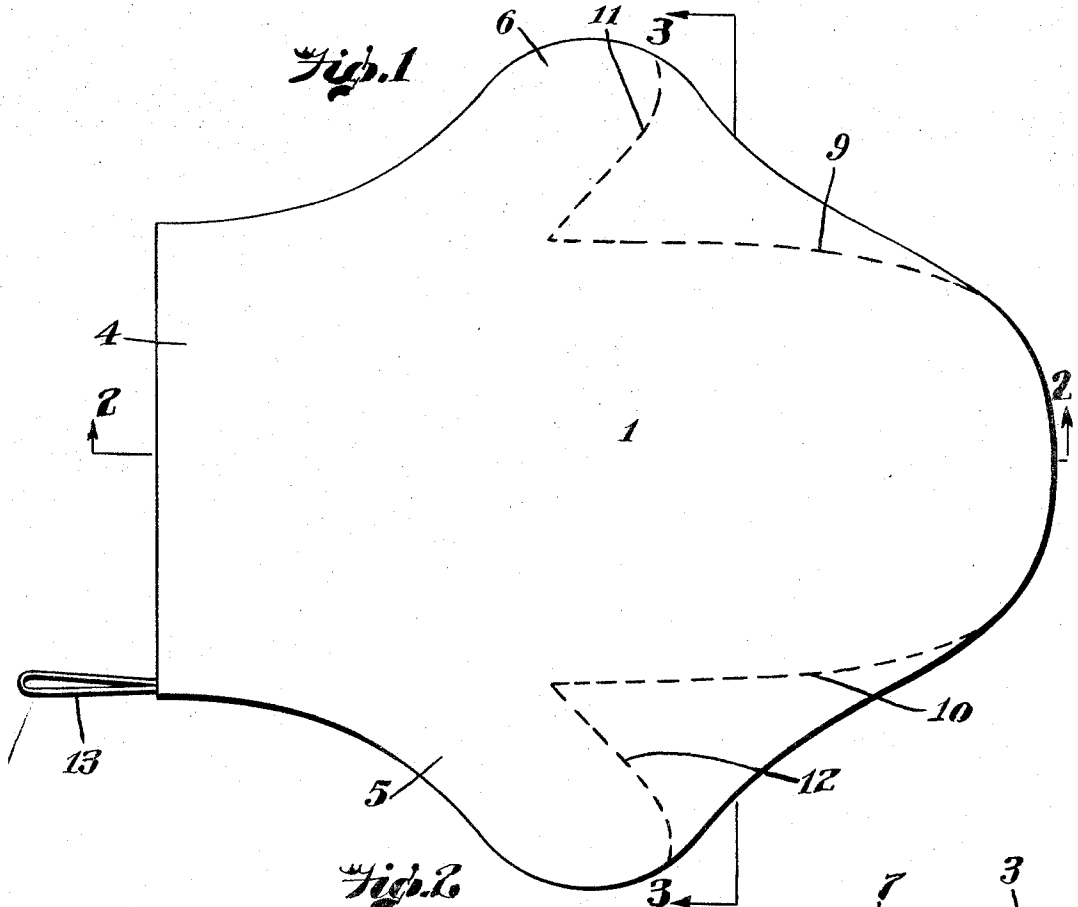


Fig. 2

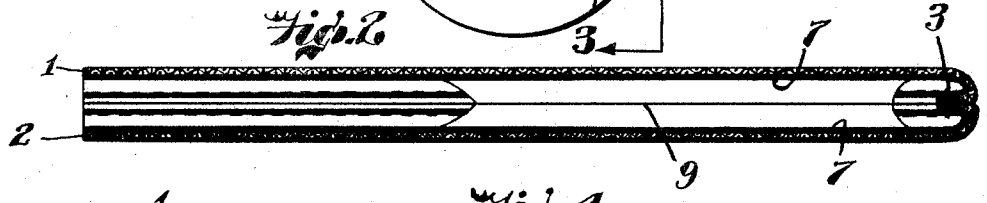


Fig. 4

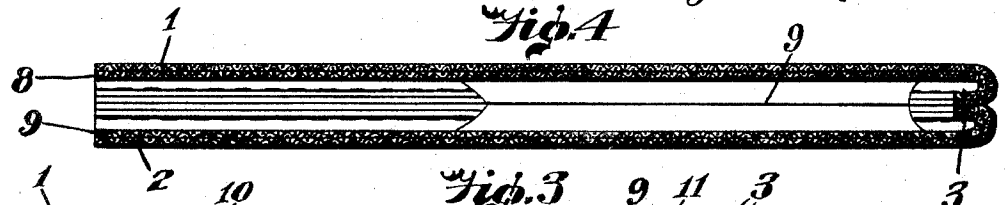
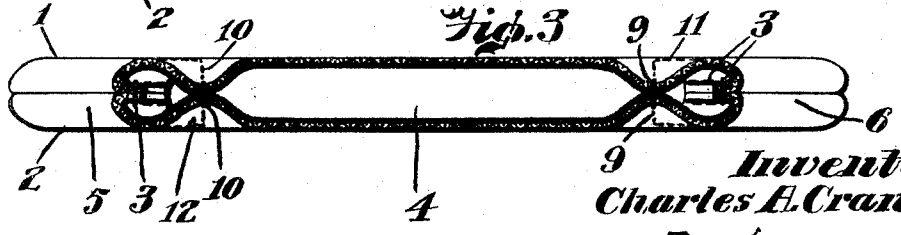


Fig. 3



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Patented Nov. 25, 1930 1,782,502

UNITED STATES PATENT OFFICE

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COMBINATION POLISH APPLYING AND FINISHING MITT

Application filed September 7, 1929. Serial No. 391,075.

This invention relates generally to an improved cleaning and polishing mitt. Heretofore, in cleaning and polishing various surfaces, it has been customary to employ one piece, strip or pad of material to which the polishing compound, either liquid or paste is applied and then rubbed upon the surface; a second and independent strip, piece or pad of material is then employed for rubbing and finishing the surface in order to obtain the smooth and lustrous surface desired. One of the disadvantages of such a procedure is that separate pieces of material are required. Further, when the polishing compound is being applied by one of the pieces, the hands frequently become soiled because the polishing compound soaks through the absorbent material used.

One of the objects of the present invention is to provide a polishing mitt that will serve the dual purpose of a medium for receiving the polish compound, either liquid or paste, without the inconvenience or annoyance of soiling the hands, and will also serve as a rubbing or polishing medium for bringing the surface to a finished condition.

In accordance with the present invention, this double purpose is accomplished by a single mitt, having separate and characterizing surfaces suitable for the distinctive purposes, without the inconvenience of having to handle separate pieces, and further such dual purpose is accomplished by merely reversing the mitt from one side to the other, without first having to remove the mitt from the hand.

A further object of this invention is to provide a dual purpose polishing mitt which is so formed as to present reenforced stitched portions which facilitates gripping of the mitt for rubbing of the surfaces either for the application of the polishing compound, or in obtaining the polished finished surface.

A further object of this invention is to provide an improved method of forming a polishing mitt, in which certain of the stitches are entirely concealed within the mitt, and other lines of stitching are formed on the exterior of the mitt to form reenforcing portions.

One preferred form and a modification is shown in the accompanying drawings, for purposes of illustration, it being understood that certain changes in materials and method of construction may be employed without departing from the spirit of the invention as defined in the appended claim.

In the drawings:

Fig. 1 is a plan view of the polishing mitt.

Fig. 2 is a longitudinal section looking in the direction of the arrows, and taken on the line 2—2 of Fig. 1.

Fig. 3 is a transverse section looking in the direction of the arrows and taken on the line 3—3 of Fig. 1.

Fig. 4 is a transverse section showing a modified form in which a separate protective waterproof non-absorbent lining is used.

As shown in Figs. 1, 2 and 3 of the drawings, the mitt comprises two layers or strips 1, 2 of fabric material which strips are secured together by a stitch line 3 around the edge thereof. Each strip or layer is preferably formed with a central portion 4 rounded at one end to correspond with the general contour of the ends of the finger and is also provided with lateral extensions 5—6 adapted to receive the thumb, and to render the mitt reversible in use, without the necessity of withdrawing the mitt from the hand, in changing from a medium presenting a surface to apply a liquid polish, to a medium presenting a dry surface to rub and finish the surface treated to obtain a polish thereon.

The outer surface of one of the strips, such for example as 1 is preferably formed of an absorbent material, which will take up a liquid or semi-liquid polishing compound. The other side of the layer 1 is preferably provided with a liquid resisting or moisture proof surface 7. This may be obtained by rubberizing one side of the layer 1, or by employing pyroxylin coated fabric material. The liquid proof material serves to prevent the liquid or semi-liquid polishing compound from penetrating through the absorbent liquid receiving material and soiling of the hands.

The second strip of material 2 forming the mitt is preferably composed of a material

which presents on the outer surface thereof, a soft dry polishing surface suitable for rubbing and finishing after the polishing compound has been applied. One great advantage of the present mitt, is that as soon as the polish has been applied by employing one side of the mitt, it is merely necessary to withdraw the thumb from one thumb portion, as for example 5 of the mitt, and to reverse the mitt on the hand, in which reversed position, the thumb will be in the other thumb portion 6, after which the surface may be rubbed with the dry finishing side of the mitt.

If desired, instead of having a waterproof and moisture resisting surface formed as a backing on one side, a suitable waterproof lining 8—9 may be employed, as indicated in the modified form shown in Fig. 4. In making the mitt, each layer is formed preferably with the central portion 4, having the laterally projecting thumb portions 5—6. After the layers are stitched around the edge thereof, so as to leave an opening at one end for the insertion of the hand, the mitt thus formed is preferably turned inside out, so as to bring the row of stitching 3, around the edge, inside the mitt. In order to facilitate rubbing and manipulation of the mitt in use, reenforcing lines of stitching 9—10 are formed extending inwardly from the finger end of the mitt, the lines of stitching 9—10 being arranged at such points as to lie along the first finger and along the little finger, thus providing a pocket into which the four fingers and the palm may be inserted and enable the polishing mitt to be gripped and moved with facility. If desired, an additional line of stitching 11—12 may be made, so as to form thumb portions 5—6, although it is understood that these latter stitch lines 11—12 may be omitted if desired. The stitch lines 9, 10, 11 and 12 are, of course, formed after the mitt has been reversed, so that such stitch lines appear on the exterior of the mitt.

If desired, a suitable loop 13 may be formed in order to hang the mitt on a hook or the like.

While a preferred and modified form of the invention has been shown, and described, it is understood that various changes and modifications of material and form of parts may be employed without departing from the spirit and scope of the invention as set forth in the appended claim.

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

A reversible polishing mitt adapted to perform the dual function of a liquid polish applying medium and a dry rubbing and finishing medium, said mitt including a plurality of layers of fabric stitched together around the edges thereof except for one portion, to thereby leave an opening for the insertion of the hand within the mitt, one of the layers of fabric presenting an outer relatively absorbent surface for a semi-liquid polishing compound and a moisture proof backing for said layer, the outer surface of the other layer of fabric presenting a soft dry surface for rubbing and finishing the surface, a plurality of lines of stitching extending inwardly from the closed end of the mitt and being spaced from each other and from the closed sides of the mitt and uniting the two layers so as to form a central pocket for the fingers of the hand, and a line of stitching extending outwardly from each of said last named lines of stitching at an angle to the side of the mitt so as to form a gripping web between said two lines of stitching so as to form two thumb pockets, one being arranged on each side of the central pocket, one of said last named thumb pockets being adapted to receive the thumb when the mitt is being used to apply the polish, and the second of said thumb pockets being adapted to receive the thumb when the mitt is reversed for rubbing and finishing with the relatively soft dry surface of the mitt.

In testimony whereof I affix my signature.

CHARLES ALLEN CRANE.