

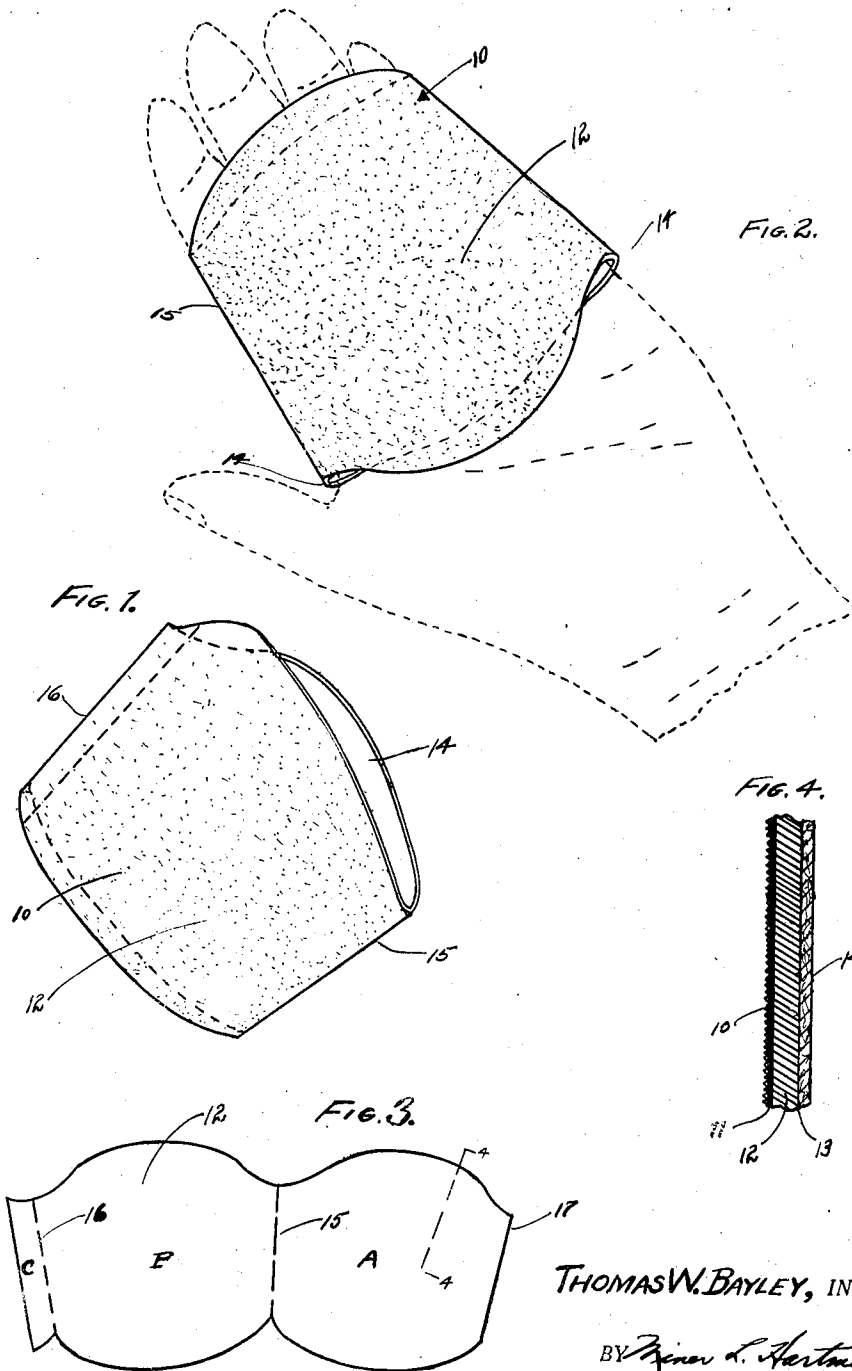
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ABRASIVE ARTICLE

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ABRASIVE ARTICLE

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5 Claims. (Cl. 51—185)

This invention relates to an abrasive flexible sheeting and to a shaped article made therefrom particularly for use in the removal of superfluous hair. The object is to provide an article having a fine abrasive surface adapted to be conveniently fitted to the hand for use in mechanically removing superfluous human hair growths.

My invention may be understood by reference to the accompanying drawing, in which—

Fig. 1 is a perspective view of the preferred form of my hair remover.

Fig. 2 is a perspective phantom view showing the manner of holding the article on the hand for use in removing hair from other parts of the body.

Fig. 3 is a plan view of the unfolded shaped abrasive composite sheeting blank, used in making the abrasive article.

Fig. 4 is an enlarged fragmental section taken across any portion of Fig. 3, as at 4—4, showing the abrasive surfacing material and the friction-grip material on the opposite sides of the flexible sheeting.

Referring more particularly to the drawing, 10 represents fine abrasive particles or grains, such as silicon carbide, glass, fused aluminum oxide, and the like, which are secured by an adhesive material such as glue, cement or lacquer, etc., represented by 11, to the surface of the flexible sheet material 12 which may be paper, cloth, leather, rubber and the like, after the well known art of making abrasive sheets. I prefer to use an adhesive which is not affected by moisture, such as from perspiration, and one which does not become sticky or tacky under the conditions of use.

The back non-abrasive surface 13 of the flexible sheeting is made less slippery to the hand by securing thereto, by gluing a fabric or paper backing characterized by having a friction grip surface 14, or in any other suitable manner. By friction-grip surface is meant a surface which offers a marked sliding or slipping resistance to the human hand, and which functions to prevent the mitten-like device from slipping off the hand when it is in use. Uncalendered and unpressed porous paper, buffed paper, suede finish paper, or textiles and other fabrics having the non-slip characteristics may be used for the backing of my composite sheets, and for the inner surface of my abrasive pad or device.

From this composite abrasive flexible sheeting, I cut a blank as shown in Fig. 3, which comprises two similar sections A and B whose outlines, when folded, with the abrasive surface outside, on the line or fold 15, approximately coincide

and form a flat tapered sleeve or mitten held together by the flap section C, folded on the line 16, which flap underlaps the edge 17 of section A, and is secured thereto, preferably by gluing or cementing. Other means of assembling may be used such as stapling or sewing.

The upper or wider ends of the flat sleeve thus formed are deeply curved-cut at the corners to permit the insertion of the hand into the mitten further than would otherwise be possible on account of the thumb on the one side, and the widening palm on the other side, and to provide means for gripping the device by the thumb pressing against the mitten and the first finger.

The corners of the lower or narrower end of the flat sleeve or mitten are rounded to prevent sharp corner edges which would cause skin abrasions when the article is in use, and also to provide a gripping contact with the fingers when they are slightly spread. The rounded cuts on both the upper and lower ends are made the same on the two sides, so that the sleeve may be rotated half around and thus either abrasive surface may be used, with the mitten on either hand.

I have used the term "mitten" to describe this flat annular shaped device made from sheeted material, of approximately the size and shape to fit the human hand, and intend to include in this descriptive term any glove-like, mitten-like or hand-like abrasive device coming within the scope of my invention.

The method of use of the device is simple. The sleeve or mitten is placed upon either hand like a glove, with the narrower edge nearest the finger tips. The mitten is held in place during the hair removing operation by the spreading of the fingers, by the grip of the thumb against the first finger, and by the friction-grip surface of the inner lining of the sleeve. Superfluous hair is removed by the simple reciprocating, rotational rubbing of the abrasive surface on the hairy skin. The mitten may be used on either hand and substantially all of the abrasive surface may be utilized.

I claim:

1. An abrasive hair remover comprising a mitten shaped flexible backing, fine abrasive powder attached to the outer surface by a water-proof adhesive, and a suede finish paper inner surface.

2. An article for removing unwanted hair from the human body, comprising a flattened sleeve of abrasive coated flexible sheeted material, said sleeve being tapered to fit over the hand of the user with the finger ends protruding and being reversible as to front and back, the outer edges

adjacent the finger tips being cut arcuately thereby permitting gripping by the finger tips, the opposite inner edges being cut arcuately in the central portion adjacent the palm of the hand and having notches cut at the sides, said notches being adapted to fit between the user's thumb and forefinger.

3. An article for removing unwanted hair from the human body, comprising a flattened sleeve of abrasive coated flexible sheeted material, said sleeve being tapered to fit over the hand of the user with the finger ends protruding and being reversible as to front and back, the outer edge adjacent the finger tips being cut arcuately thereby permitting gripping by the finger tips, the opposite inner edges being cut arcuately in the central portion adjacent the palm of the user's hand and having notches cut at the sides, said notches being adapted to fit between the

user's thumb and forefinger, and a friction-grip lining material for said sleeve adapted to hold the sleeve in place on the user's hand.

4. An abrasive article for removing unwanted hair from the human body, comprising a flattened sleeve of abrasive-coated flexible sheeted material, said sleeve being tapered to fit over the hand of the user with the finger ends protruding, and a friction-grip lining material for said sleeve adapted to hold the sleeve in place on the user's hand.

5. An article of manufacture adapted for removing hair from the human body, comprising a paper backing having on one surface an abrasive powder attached thereto by an adhesive and on the other surface a non-abrasive friction-grip material attached by an adhesive, and adapted to be slipped over the user's hand like a mitten.

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