

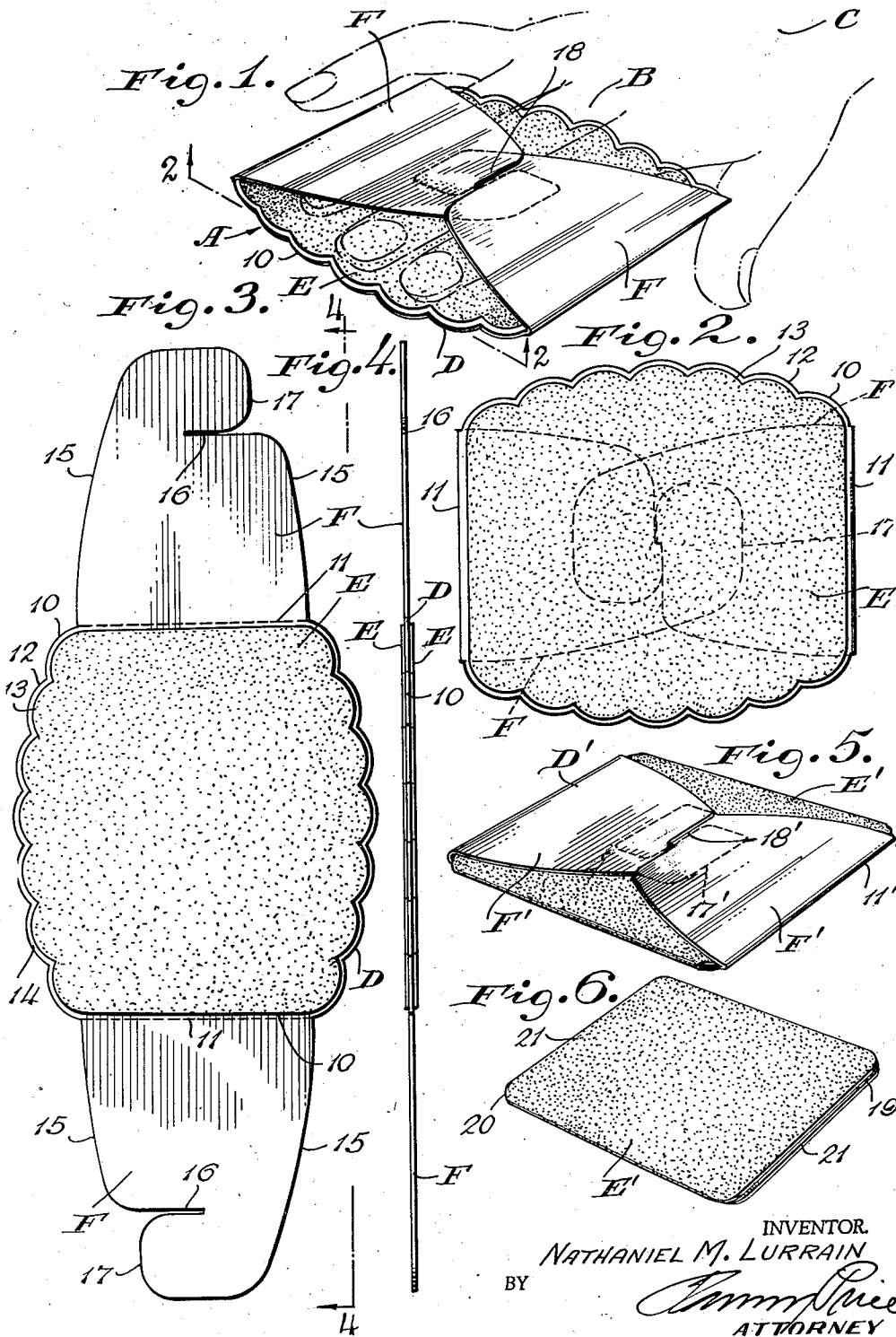
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DEPILATORY ABRASIVE PAD

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DEPILATORY ABRASIVE PAD

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4 Claims. (Cl. 51—186)

The present invention relates to a depilatory abrasive pad and it particularly relates to a depilatory abrasive pad which may be used for removing unwanted hair from the limbs and other body portions.

It is among the objects of the present invention to provide an inexpensive usable depilatory pad, which may be inexpensively manufactured in large quantities and at the same time which may be readily employed by consumers to assure effective removal of the hair from the legs, arms or other body portions, without at the same time causing any substantial abrasion or rupture of the skin.

Still further objects and advantages will also appear from the more detailed description given below, it being understood, however, that this more detailed description is given by way of illustration and explanation only and not by way of limitation, since various changes therein may be made by those skilled in the art without departing from the scope and sphere of the present invention.

In accomplishing the above objects, it has been found most satisfactory to form the abrasive pad with a relatively thin flexible sheet of abrasive material, which is supported by or mounted upon a flexible sheet of paper, preferably of somewhat greater stiffness and strength.

If desired, the connection between the paper and the abrasive material may be by way of adhesive or the abrasive material may be held upon the backing by a sleeve arrangement.

In the preferred construction, the abrasive material by direct adhesive connection or by sleeve connection is provided with outstanding tongues or other finger engaging means, which may be swung and interlocked on one side or the other of the pad so as to provide an opening through which the hand may be slipped.

At the same time where the hand engages the abrasive surface of the pad, this acts as a grip for the hand and reduces the possibility of slippage between the hand and the pad when it is used in a reversing circulatory movement to remove the hair from the arms, legs and other body portions.

Where desired, the abrasive material may also be formed as a sleeve and the support sleeve with the outstanding tongues may be fitted into the abrasive sleeve and the tongues interlocked.

Where the abrasive sheet is on both sides of the support, one sheet of the abrasive may be of relatively fine grain, while the other may be of relatively coarse grain, the latter being used for

initial removal and the former being used for final removal and for finishing.

In the drawing, which shows one of the various forms of the present invention, but to which the invention is by no means restricted, since many changes and alterations may be made therein, all within the scope of the present invention.

Fig. 1 is a perspective view showing one form of abrasive sleeve, with the hand in position inside the flaps of such sleeve,

Fig. 2 is a bottom plan view taken from the line 2—2 of Fig. 1,

Fig. 3 is a plan view of the abrasive pad of Figs. 1 and 2, with the flaps unlocked and extended,

Fig. 4 is a side view upon the line 4—4 of Fig. 3,

Fig. 5 is a top perspective view similar to Fig. 1, of an alternative embodiment in which the abrasive material is formed into a sleeve, which receives and engages the carrier member, and

Fig. 6 is a perspective view of the abrasive sleeve removed from the carrier.

Referring to the embodiment of Figs. 1 to 4, the pad essentially consists of a sleeve A, in which the fingers B of the hand C may be inserted.

In the preferred form, as shown in Fig. 1, the sleeve consists of the backing, supporting or carrier member D, which receives and carries or supports the abrasive sheet E.

The backing is provided with the flaps or tabs F, which may interlock to form the complete sleeve, within which the hand is received.

In the preferred construction shown in Figs. 1 to 4, the carrier member D carries on both sides of its central section 10 the abrasive sheets E. These sheets E may be of the same or different coarseness and which are preferably adhesively connected to the central portion 10 of the carrier D.

The central section 10, as well as the rest of the carrier D, may be made of a relatively stiff paper material, while the abrasive sheets E are of a relatively flexible material, preferably of paper, to which a light abrasive has been attached by an adhesive.

Actually in the laminated structure, as shown in the central section at 10 of Figs. 1 and 2, there will be on the outside a light coating of a fine abrasive. Next an adhesive connection, then a thin paper base, which together form the abrasive sheet E. Then next there is the adhesive

which connects the abrasive sheet E to the central section 10 of the carrier D.

Then the same layers of materials occur upon the other side, where in the preferred construction abrasive sheets E are attached to both sides of the central section 10.

It will be noted in the construction shown that the fold lines 11 are positioned at the sides of the central section 10 at the points of connection to the flaps F.

The central section 10 is provided with a scalloped edge 12 for decorative purposes. The edge 13 of the abrasive sheet E is spaced slightly inside the fold line 11 and the edge 12 of the central section 10 so as to leave a margin 14.

The flaps F have the outwardly converging edges 15, one edge being cut away to form the slot 16 and the tongue 17. These slots interlock, as indicated at 18 in Fig. 1, to form the completed sleeve.

It will be noted by referring to Fig. 1 that the fingers when inserted under the interlocked flaps F will contact one of the abrasive faces E and thus firmly hold the pad when it is used in circulatory movement to remove hair from the arms or legs, as the case may be.

When one side has been used up, the flaps F may be reversed and then the other side may be used. However, it has been found quite satisfactory to make one of the abrasive pads E relatively coarse to give an initial removal of hair, while the other abrasive face E is made relatively fine to enable a finishing operation and permit removal of the fine hairs.

The adhesive connection of the abrasive to the abrasive sheet forming the element E and of the complete abrasive sheet E to the central element 10 may be made by a flexible adhesive of either resinous or rubbery character.

In the pad of Figs. 5 and 6, both the abrasive element E', as well as the carrier element D', are formed as sleeves and the abrasive element E' is not adhesively connected to the sleeve D'.

In Figs. 5 and 6, similarly functioning parts to those shown in Figs. 1 to 4 are indicated by the same numerals primed.

It will be noted in Fig. 6, the abrasive sleeve E' has an adhesive lapped connection at 19 and as shown, the abrasive on both faces is the same, but if desired, two sheets of abrasive may be connected together by two lapped connections 19 to form the complete sleeve.

The corners of the sleeve E' are cut away as indicated at 20 and the side edges 21 will fit right up against the fold lines 11' so that the abrasive sleeve E' will be held firmly in position when the abrasive E' is utilized with circulatory movement to remove the hair from the arms or legs.

In the construction shown in Figs. 5 and 6, it is possible to provide a relatively large number of sleeves E' for each carrier D' and the carrier D' in being slightly curved position when used, as indicated in Fig. 1, will all the more lock the abrasive sleeve E' firmly in position, so that it will not tend to move relatively to the carrier D' when in use.

In both embodiments of Figs. 1 to 4 and Figs. 5 and 6 instead of the interlocking tongues F, it will be possible to use other reversible connections extending over the abrasive sheets E between the fold lines 11. One of the abrasive sheets E, of course, may be omitted and the side of the section 10 to be contacted with the fingers provided with other anti-slippage facings

or the surface of section may be left unsurfaced.

The applicant has thus provided a simple, inexpensive abrasive pad, which may be conveniently utilized and which does not require special abrasive sheet constructions.

The abrasive itself will form the hand grip and the stiffening material of the carrier will aid in the abrasive action and assure better and more efficient removal of the unwanted hair.

It will be understood that within the scope of the broader claims there would be included the variant of a continuous sleeve having the abrasive on the outer face at one side thereof.

It will be understood that many changes could be made in the particular features as shown, and many apparently widely different embodiments of this invention could be made without departing from the scope thereof, and it is intended that all matter contained in the above description shall be interpreted as illustrative and not in a limiting sense.

What is claimed is:

1. An abrasive pad for feminine use to remove unwanted hair from the limbs and other body portions comprising an elongated sheet of stiff paper composed of a central approximately rectangular base portion and integral extension portions extending outwardly from opposite sides of said pliable, stiff sheet base portion with converging side edges and interlocking tongues at the ends of said extension portions, said extension portions being connected to said base portion by fold lines and being foldable together and interlocked by said tongues on either side of said base portion and sheet abrasive material positioned on both sides of said base portion, whereby either side of said base portion may be applied to the body portion to be treated, and the interlocked extension portions together with the unused face of the base portion will form a pocket to receive the fingers with the fingers contacting the unused abrasive face of the base portion which is thus held firmly by the fingers when being rubbed over the body portion.

2. The abrasive pad of claim 1 in which the sheet abrasive material is adhesively connected to both sides of the base portion and terminates short of the edges of said base portion so as to leave a non-abrasive marginal portion.

3. The abrasive pad of claim 1 in which said abrasive material takes the form of an envelope which is slipped over one of said extension portions and fits upon and encircles said base portion.

4. An abrasive pad for feminine use to remove unwanted hair from the limbs and other body portions comprising a base having abrasive material on both faces thereof, and integral extension portions extending outwardly from opposite sides of said pliable, stiff sheet base portion and interlocking tongues at the ends of said extension portions, said extension portions being connected to said base portion along fold lines and being foldable together and interlocked by said tongues on either side of said base portion, whereby either side of said base portion may be applied to the body portion to be treated, and the interlocked extension portions together with the unused face of the base portion will form a pocket to receive the fingers with the fingers contacting the unused abrasive face of the base portion which is thus held firmly by the fingers when being rubbed over the body portion.

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