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CLOTHESBRUSH

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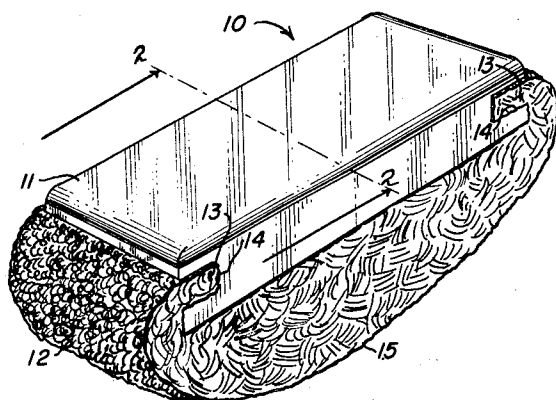


FIG. 1

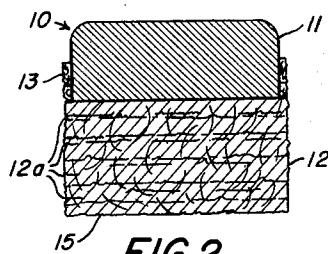


FIG. 2

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UNITED STATES PATENT OFFICE

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CLOTHESBRUSH

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1 Claim. (Cl. 15—210)

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This invention relates to cleaning devices, and more particularly to a clothes brush adapted to remove lint, hair, and dust from clothing and other fabric articles.

One object of this invention is to provide a device of the above nature which includes a brushing pad of a hair-rubber composition.

A further object is to provide a device of the above nature which will be simple in construction, inexpensive to manufacture, easy to manipulate, compact, ornamental in appearance, and very efficient and durable in use.

With these and other objects in view, there has been illustrated on the accompanying drawing one form in which the invention may conveniently be embodied in practice.

Fig. 1 is a perspective view of the improved clothes brush.

Fig. 2 is a cross sectional view of the same, taken on a vertical plane through the line 2—2 of Fig. 1, looking in the direction of the arrows.

Referring now to the drawing, in which like reference numerals denote corresponding parts throughout the several views, the numeral 10 indicates generally a clothes brush which includes a flat rectangular back member 11 which is adapted to serve as a handle and a resilient cleaning pad 12 secured to said back member 11.

The cleaning pad 12 is formed of loosely felted fibers such as hair or wool, and is impregnated with natural or synthetic rubber in such a manner that the rubber coats the individual fibers and serves to hold the respective fibers together at their points of contact. The quantity of rubber is insufficient to fill the voids between the fibers, so that the cleaning pad 12 is porous.

The pad 12 is preferably built up in layers 12a, which adhere to each other, but provide planes of weakness whereby the outer layer of the pad 12 may be peeled off if it should become unduly soiled. The removal of the outer layer will thus renew the brush and present a fresh surface for use.

The cleaning pad 12 is formed initially as a thick elongated rectangular section which may be cut from a large sheet of the material.

To assemble the brush, the end portions 13 of the pad 12 are tightly compressed and inserted in narrow transverse end slots 14 in the back member 11, where they will be held frictionally by the resilient action thereof. If desired, nails or cement may be employed to more securely hold the end portions 13 within the slots 14 within the spirit of the invention. By securing the cleaning pad in this manner, a soft exposed pad section 15 will overlie the base of the back member 11.

Operation

In operation, the clothes brush 10 will be passed back and forth over the surface of the fabric to

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be cleaned, so as to efficiently remove lint, hair, dust, and other foreign matter therefrom. In use, the improved clothes brush not only performs a mechanical brushing action, but also draws and holds particles of dirt. It is believed that this effect is partly due to the adhesive properties of the rubber, and partly to the effect of static electricity.

One advantage of the improved clothes brush is that the dust which has already accumulated in the cleaning pad 12 will not drop out in an objectionable manner upon the surface being brushed.

While there has been disclosed in this specification one form in which the invention may be embodied, it is to be understood that this form is shown for the purpose of illustration only, and that the invention is not to be limited to the specific disclosure, but may be modified and embodied in various other forms without departing from its spirit. In short, the invention includes all the modifications and embodiments coming within the scope of the following claim.

Having thus fully described the invention, what is claimed as new, and for which it is desired to secure Letters Patent, is:

In a clothes brush, a porous brushing pad comprising an outer surface layer of loosely felted fibers and rubber, said rubber forming a coating on the surface of the individual fibers, and joining said fibers at their points of contact, whereby said fibers will be held together and will have increased friction and adhesion upon the material being brushed, said pad comprising a plurality of layers which are lightly adherent so as to provide planes of weakness, whereby the outer layer may be removed to renew the brush.

DREXEL S. FRYE.

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