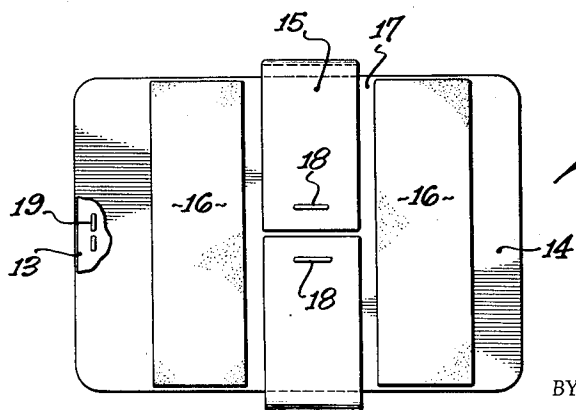
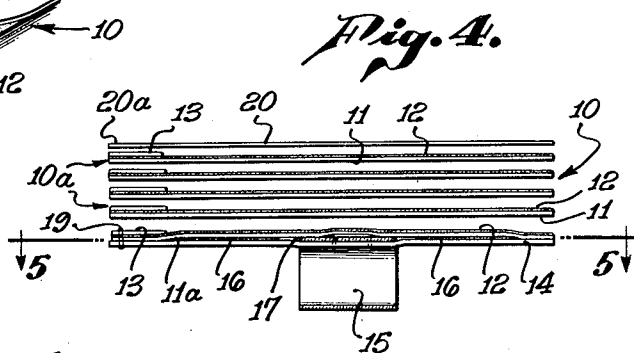
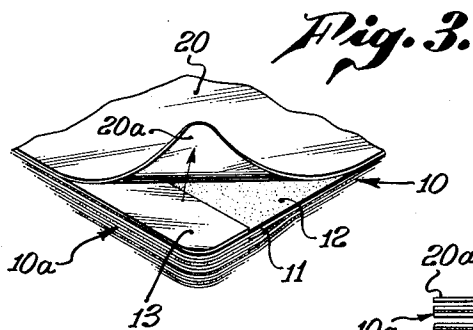
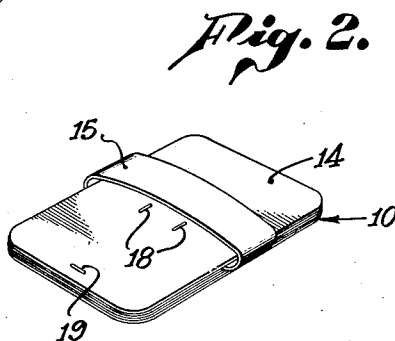
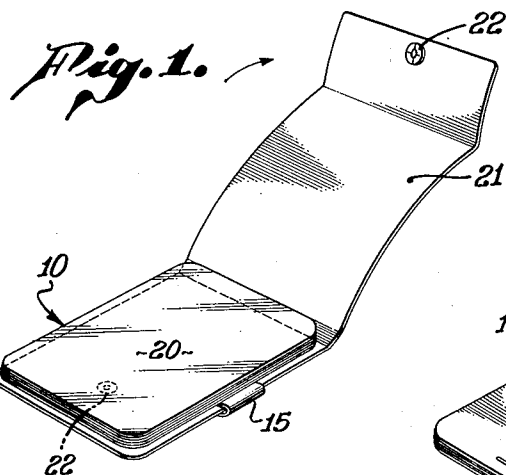


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CLEANING PAD

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CLEANING PAD

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6 Claims. (Cl. 15—209)

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The present invention relates to pads particularly useful in removing lint, dust, hair and the like from various objects, such as articles of wearing apparel.

An object of the invention is to provide a cleaning pad that can be held in the hand and used conveniently in performing various cleaning operations.

Another object of the invention is to provide a cleaning pad comprising a plurality of layers of material that can be peeled readily from one another to present additional cleaning surface in the performance of cleaning operations.

Still another object of the invention is to provide a cleaning pad composed of sheets having pressure sensitive adhesive coatings thereon, in which the sheets can be readily peeled from the pad.

Yet a further object of the invention is to provide a cleaning pad composed of sheets having adhesive coatings for removing lint, dust, hair and the like from articles to be cleaned, in which the coatings also serve to hold the sheets together in the required pad form.

Another object of the invention is to provide a cleaning pad having a band or strap for facilitating holding of the pad and for also confining a cover or case for the pad when the latter is not in use.

This invention possesses many other advantages, and has other objects which may be made more clearly apparent from a consideration of a form in which it may be embodied. This form is shown in the drawings accompanying and forming part of the present specification. It will now be described in detail, for the purpose of illustrating the general principles of the invention; but it is to be understood that such detailed description is not to be taken in a limiting sense, since the scope of the invention is best defined by the appended claim.

Referring to the drawings:

Figure 1 is a pictorial perspective representation of a cleaning pad, with its case in open position;

Fig. 2 is a perspective view of the cleaning pad after its removal from the confining case;

Fig. 3 is an enlarged perspective view of a portion of the cleaning pad, illustrating a manner of peeling sheets therefrom;

Fig. 4 is a longitudinal view, partly in section and partly in elevation, of a portion of the pad, with the layers spaced from one another for clarity of illustration; and

Fig. 5 is a section taken along the line 5—5 on Fig. 4.

The pad illustrated in the drawings includes a plurality of layers 10 superposed one upon the other, each layer comprising a sheet 11 of suitable material, such as paper, having a pressure

sensitive adhesive coating 12 applied to one of its faces. This coating may be a rubber base pressure sensitive adhesive, such as "Permacel." The paper itself may be of any suitable kind, such as an oil treated crepe paper. The layers 10 are placed upon one another with the back of one paper sheet 11 engaging the pressure sensitive adhesive coating 12 of an adjacent paper sheet. As many layers as desired may be superimposed upon one another, the layers being held together by the pressure sensitive adhesive.

In order to facilitate peeling of the layers from each other, a protective strip or sheet 13 is disposed upon the side marginal portion of the adhesive coating 12 of each layer, to which it adheres. This protective sheet engages the adjacent paper sheet 11 of the next layer, and prevents the back of such paper sheet from adhering to the adhesive coating 12 therebelow. As a result, the side marginal portions of the layers are not secured to one another, enabling each layer 10 to be grasped readily by the fingers and peeled from the adjacent layer. The protective strip or sheet 13 at the marginal portion of the pad may be of any suitable material that will not adhere to the paper stock 11. One such material is cellophane.

The lowermost sheet of paper 11a in the pad is secured to a base sheet 14 of thicker stock, to which a strap or band 15 is attached. The base sheet has separated pressure sensitive adhesive coatings 16 for adhering the base sheet to the next adjacent sheet of paper 11a, in order to provide a space 17 between the coatings 16 in which the ends of the strap or band 15 may be accommodated. The strap or band 15 is secured to the base sheet 14 in any suitable manner, as by means of staples 18 passing through the end portions of the band and through the base sheet itself. Further attachment of the first layer of material 10 forming the pad to the base sheet 14 may be obtained by means of a staple 19 passing through its marginal portion. That is, the staple 19 passes through the cellophane protective strip 13, the adhesive coating 12, and the paper 11a forming the layer adjacent the base sheet.

In order to protect the pressure sensitive adhesive coating of the uppermost layer, it may be covered by a sheet of cellophane 20, which adheres lightly to the pressure sensitive adhesive 12, but which does not adhere to the protective cellophane strip 13 at the side margin of the uppermost layer.

When the pad is not in use it may be contained within a cover or case 21, which extends between the outer portion of the strap 15 and the back of the base sheet 14, and which may be disposed completely around the pad. The ends of the cover 21 are secured to one another by a suitable snap fastener 22. The cover may be made of

many suitable materials, such as a flexible plastic, imitation leather or the like.

When the pad is to be used, the cover 21 is unfastened, and is removed from the pad by sliding it through the strap 15. The fingers of a person's hand are then slipped under the strap 15 between the latter and the base sheet 14, which presents the pad itself on the palm side of the fingers. The protective cellophane sheet 20 on the upper layer may then be peeled easily from the adjacent layer by grasping its marginal edge 20a, in view of the non-adherence between the cellophane sheet 20 and the cellophane strip 13 thereunder, thereby exposing the pressure sensitive adhesive coating 12 on the uppermost layer. The pad may then be applied against the article to be cleaned to remove undesired substances from its surface. The pad may be patted against the surface, the lint, dust, hair and the like adhering to the adhesive coating 12 for removal from the object.

If desired, the particles adhering to the pressure sensitive adhesive coating 12 can be removed by wiping with a suitable cleaning solvent, thereby enabling the coating to be re-used for additional cleaning purposes.

When the outermost layer is no longer usable, it may be readily peeled from the remainder of the pad merely by grasping the marginal portion 10a of the used layer by the fingers and peeling this layer in the manner indicated in Fig. 3. The paper sheet 11 peels readily from the pressure sensitive adhesive 12 on the adjacent underlying layer without removing the adhesive coating from such layer, since the back of the paper adheres comparatively lightly to the underlying adjacent coating. The pad may again be used, in the manner described above, by patting or gently brushing the pressure sensitive adhesive coating 12 over the article to be cleaned.

It is apparent that a cleaning pad has been provided which presents a large combined surface of adhesive coating for operation upon articles. The greater the number of layers in the pad, the greater is the available adhesive coating surface. The adhesive coating 12 holds the layers 10 of the pad together and also serves as the medium for removing the undesired particles from the clothing or other object to be cleaned. The layers are easily peeled from one another, because of the non-adherence between portions of adjacent layers.

The strap 15 not only functions as a means for holding the pad in the hand in a convenient and easily manipulated position, but it also serves to prevent inadvertent removal of the case or cover 21 from the pad when the latter is not in use. It is apparent that fastening the ends of the case to one another prevents endwise removal of the case from the pad, and that the side portions of the strap 15 engage the case to prevent removal of the case from the sides of the pad.

The inventor claims:

1. A cleaning pad, comprising a base sheet, a plurality of layers mounted on said sheet, each layer including a sheet of material having a pressure sensitive adhesive coating on one of its faces, the layers being arranged upon one another with the other of the faces of a sheet of material engaging the adhesive coating of an adjacent layer, each layer being peelable with respect to the underlying layer, adhesive material securing spaced portions of said base sheet to the lowermost sheet of material, and a strap secured to said base sheet, said strap being disposed between

said spaced portions and between said base sheet and the lowermost sheet of material, said strap having a portion adapted to be spaced from said base sheet to enable a person's fingers to be placed between said strap and base sheet.

2. A cleaning pad, comprising a base sheet, a plurality of layers mounted on said sheet, each layer including a sheet of material having a pressure sensitive adhesive coating on one of its faces, the layers being arranged upon one another with the other of the faces of a sheet of material engaging the adhesive coating of an adjacent layer, protective material between a portion of the adhesive coating of one layer and a sheet of material of an adjacent layer to prevent substantial adhesion between adjacent layers at said portion, each layer being peelable with respect to the underlying layer, adhesive material securing spaced portions of said base sheet to the lowermost sheet of material, and a strap secured to said base sheet, said strap being disposed between said spaced portions and between said base sheet and the lowermost sheet of material, said strap having a portion adapted to be spaced from said base sheet to enable a person's fingers to be placed between said strap and base sheet.

3. A cleaning pad, comprising a base sheet, a plurality of layers mounted on said sheet, each layer including a sheet of material having a pressure sensitive adhesive coating on one of its faces, the layers being arranged upon one another with the other of the faces of a sheet of material engaging the adhesive coating of an adjacent layer, protective material between a portion of the adhesive coating of one layer and a sheet of material of an adjacent layer to prevent substantial adhesion between adjacent layers at said portion, a protective sheet applied to the adhesive coating of the outermost layer, each layer being peelable with respect to the underlying layer, adhesive material securing spaced portions of said base sheet to the lowermost sheet of material, and a strap secured to said base sheet, said strap being disposed between said spaced portions and between said base sheet and the lowermost sheet of material, said strap having a portion adapted to be spaced from said base sheet to enable a person's fingers to be placed between said strap and base sheet.

4. A cleaning pad, comprising a base sheet, a plurality of layers mounted on said sheet, each layer including a sheet of material having a pressure sensitive adhesive coating on one of its faces, the layers being arranged upon one another with the other of the faces of a sheet of material engaging the adhesive coating of an adjacent layer, adhesive material securing spaced portions of said base sheet to the lowermost sheet of material, a strap secured to said base sheet, said strap being disposed between said spaced portions and between said base sheet and the lowermost sheet of material, said strap having a portion adapted to be spaced from said base sheet to enable a person's fingers to be placed between said strap and base sheet, and a cover insertable between said strap and base sheet and adapted to encompass said base sheet and layers.

5. A cleaning pad, comprising a base sheet, a plurality of layers mounted on said sheet, each layer including a sheet of material having a pressure sensitive adhesive coating on one of its faces, the layers being arranged upon one another with the other of the faces of each sheet of material engaging the adhesive coating of an adjacent layer, protective material between a portion of the

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adhesive coating of one layer and a sheet of material of an adjacent layer to prevent substantial adhesion between adjacent layers at said portion, a protective sheet applied to the adhesive coating of the outermost layer, adhesive material securing spaced portions of said base sheet to the lowermost sheet of material, a strap secured to said base sheet, said strap being disposed between said spaced portions and between said base sheet and the lowermost sheet of material, said strap having a portion adapted to be spaced from said base sheet to enable a person's fingers to be placed between said strap and base sheet, and a removable cover insertable between said strap and base sheet and adapted to encompass said layers.

6. In a cleaning pad: a series of layers of pliant sheets, each sheet having on one side a coating of pressure-sensitive adhesive, the coated side of each sheet being next to the uncoated side of an adjacent sheet; protective material between each pair of sheets, covering and adhering to a portion

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of adhesive coating of one sheet; each sheet being peelable with respect to the underlying sheet; a base of substantially greater thickness than the said pliant sheets, said base being attached to the uncoated side of the end sheet of the series; and means providing a handle attached to said base.

HARRY MAGIT.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
144,674	Horton	Nov. 18, 1873
1,587,948	Hankar	June 8, 1926
1,716,336	Battistella	June 4, 1929
1,743,872	Weitlich et al.	Jan. 14, 1930
1,754,090	Friedberg	Apr. 8, 1930
2,248,317	Van Cleef	July 18, 1941