

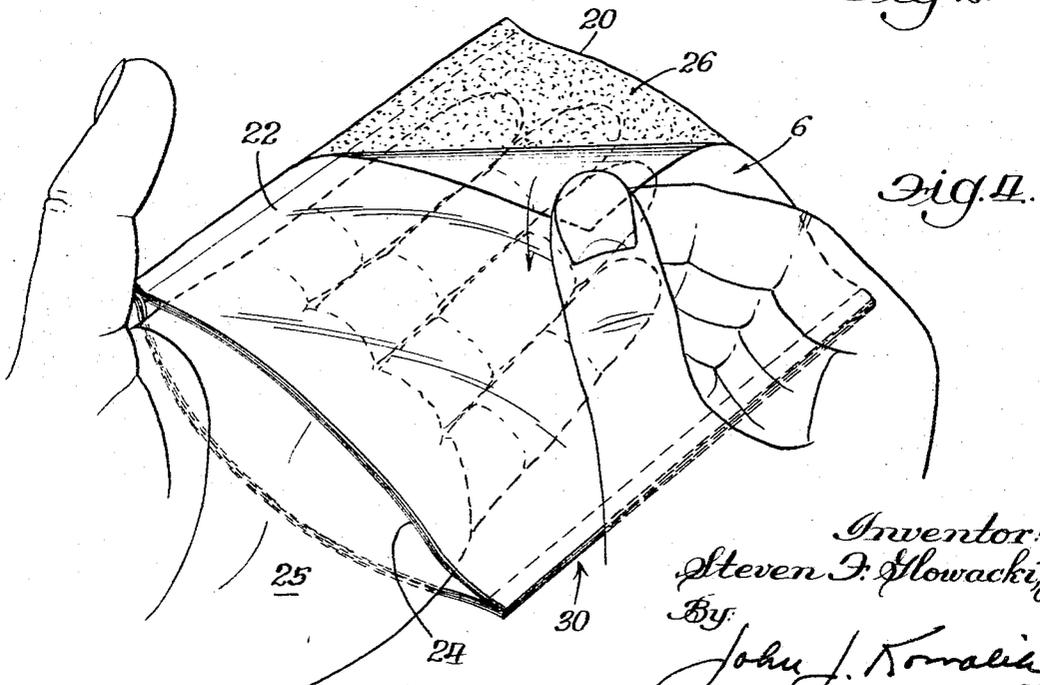
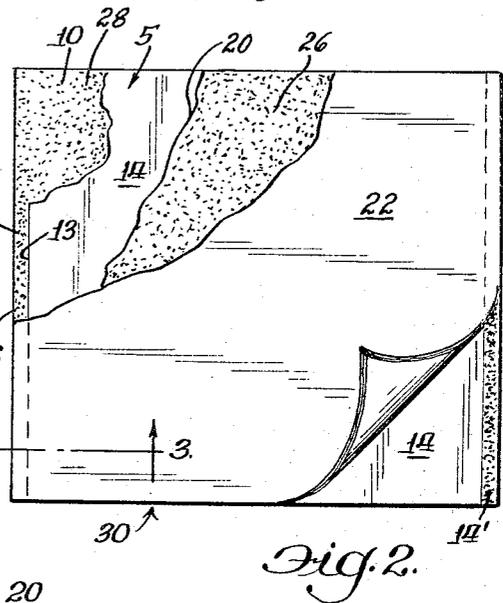
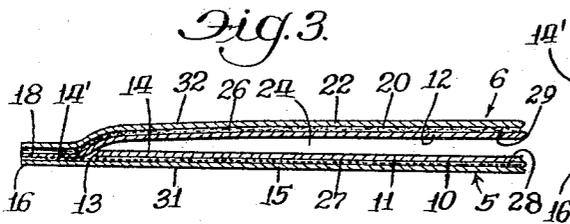
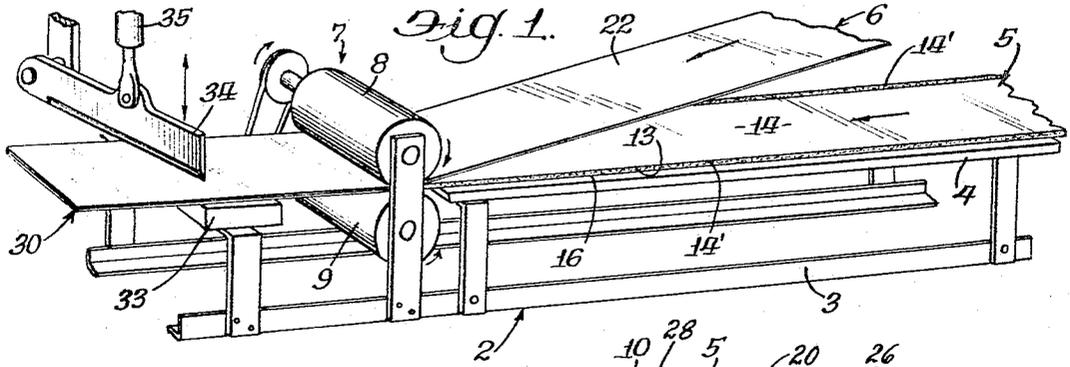
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LINT REMOVING MIT

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3,329,985

**LINT REMOVING MIT**

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**ABSTRACT OF THE DISCLOSURE**

A lint removing mit having two delaminable assemblies each including inner and outer backing sheets and a tacky sheet therebetween having adhesive on both sides, the two assemblies being releasably connected to each other and the outer backing sheets being removable first to expose one side of each tacky sheet and when these are no longer tacky after use the assemblies are separated and reassembled so that the inner backing sheets are disposed outwardly of the mit and are adapted to be peeled off the tacky sheets to expose their tacky opposite sides.

This invention relates to means for removing lint or other dirt particles from fabrics and particularly garments, said means comprising a novel hand gloving tacky structure.

Although the use of tacky material to remove lint, the items heretofore proposed have been difficult to hold or to use and expensive to make.

A general object of the invention is to provide a novel throw-away lint cleaning device which is relatively inexpensive to make.

A further object is to provide a novel device which includes laminated strips each having inner and outer paper backings with adhesive sandwiched therebetween, one of these strips having its paper backing narrower than the other to expose the adhesive along the lateral edges of the one strip, said one strip being superposed with respect to the other strip and tacked thereto to form a hand accommodating tube, and the backing on the external side of the strips being selectively removable to expose the adhesive which is adapted to be applied to the fabric to adhere the lint thereto while the device is held on the hand.

The invention comprehends a construction which may be manufactured in a continuous operation.

These and other objects and advantages inherent in the invention will become more apparent from the specifications and the drawings, wherein:

FIGURE 1 is a perspective view of mechanism for making the lint remover;

FIGURE 2 is a plan view partly broken away of my novel structure;

FIGURE 3 is an enlarged fragmentary cross-sectional view taken substantially on line 3-3 of FIGURE 2;

FIGURE 4 is a perspective view showing the device mounted on the hand of the user and the protective backing being peeled off; and

FIGURE 5 is an edge view of the structure on a reduced scale showing the inner adhesive side exposed.

Describing the invention in detail, there is shown in FIGURE 1 a rolling press conveyor generally designated 2 comprising a framework 3 supporting a bed 4. The bed 4 supports a lower strip 5 which converges with an upper strip 6 into a printing and assembling roller assembly 7 which comprises a pair of rollers 8 and 9 suitably biased to tightly press the strips together whereby to obtain adherence between the adhesive sheet 10 of the lower strip 5 with the inner backing paper 12 of the upper strip 6.

It will be seen that the inner backing paper or mask 14 of the lower strip 5 is slightly narrower than the outer backing or masking paper 15 of the lower strip 5

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and that the adhesive sheet 10 is thus exposed at opposite edges as at 14' between the lateral edges 13, 16 (FIGS. 2 and 3) of the inner and outer backing sheets 14 and 15 and these portions indicated at 14', 14' of the adhesive sheet 10 adhere to the lateral edge portions 18 of the inner backing sheet 12 of the upper strip 6.

The upper strip 6 comprises an adhesive delaminable sheet 20 between the backing sheet 12 and outer backing sheet 22.

Thus the two strips 5 and 6 form a tube or band as best seen in FIGURE 4 whereby forming a pocket or opening 24 into which may be inserted one hand 25 of the user while his other hand peels the outer layer or sheet 22 to expose the external side 26 of adhesive sheet 20 whereupon it may be patted on the garment or cloth from which it is intended to remove the lint.

After this sheet is used up where it is no longer adhesive to pick the lint then the user merely rotates the device 180° and then removes the backing sheet 15 exposing the external side 27 of the delaminable adhesive sheet 10.

In order to expose the internal sides 28 and 29 of the adhesive sheets 10 and 20, the sheet 12 is separated from the adhesive portion 17 of sheet 10 along one edge and is looped over the opposite edge portion 17 as seen in FIGURE 5 whereupon the sheets 20 and 10 are inverted and the sheets 12 and 14 are thus disposed on the external sides of the tube. These sheets 12 and 14 are removed by peeling off from the adhesive sheets 10 and 20 to expose sides 28, 29 which are then used to pat on the garment or cloth.

Thus not only are the parts of the device arranged to be cheaply manufactured, but also four lint picking surfaces are provided. The tacky initial surface areas after being used up are no longer tacky and thus may be sleeved over the hand of the user.

The tubular assembly or band generally designated 30 after exiting from the rollers which may print suitable advertising on the external sides 31, 32 of the sheets 22, 15, passes over a shear bar 33 which cooperates with a cutter 34 suitably power actuated as by ram 35 whereby the band is cut into appropriate lengths as seen in FIGURES 1-4.

The sheets 22, 15, 12 and 14 may be kraft paper and the adhesive sheets 10 and 20 may be any cellulosic material with pressure sensitive adhesive applied thereto such as, for example, a rubber resin type adhesive.

Having described a preferred form of the invention it will be realized that various embodiments will become readily apparent within the scope of the appended claims.

I claim:

1. An adhesive coated cleaning mit, comprising a first assembly including inner and outer backing sheets and an intervening adhesive sheet having permanently tacky pressure-sensitive adhesive covering both sides thereof interposed between said backing sheets and delaminable therefrom, a second assembly including inner and outer backing sheets and an intervening adhesive sheet having permanently tacky pressure-sensitive adhesive covering both sides thereof interposed between the last-mentioned backing sheet and delaminable therefrom, the inner backing sheet of the second assembly being narrower than the other sheets and exposing lateral edge portions of the related intervening sheet whereby the latter presents adhesive edge portions between the adjacent lateral edges of the related backing sheets, the inner backing sheet of the first assembly being superposed with respect to the second assembly and having edge portions aligned with respective adhesive edge portions and removably adhered thereto, forming a pocket for receiving the fingers of the user, said backing sheets each adapted to be peeled from the associated intervening sheet to expose the tacky material.

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2. The invention according to claim 1 and said adhesive sheet of the second assembly being separable along one of its exposed edges from the inner backing sheet of the first assembly to which it is adhered and said adhesive and inner sheet of the first assembly being adapted to be looped about the opposite edge of the second assembly to position the inner backing sheets of both assemblies outwardly of the adhesive sheets, and the free edge of the adhesive sheet of the first assembly being adapted to be looped over the tacky edge of the adhesive sheet of the second assembly to form a band therewith with the inner sheets disposed outwardly of the adhesive sheets whereupon the inner sheets may be removed from the adhesive sheets to expose the tacky adhesive thereon on a side opposite that aforementioned.

3. As a composite mit, comprising first and second sheet assemblies arranged in superposed relation, each assembly comprising inner and outer backing sheets and an intervening sheet having inner and outer surfaces of permanently tacky pressure-sensitive adhesive material weakly adhered to the respective backing sheets, the inner sheets of said first and second assemblies being disposed in opposing relation and the inner sheet of the second assembly being narrower than the inner sheet of the first assembly and exposing edges of the adhesive sheet to said inner sheet of the first assembly and weakly adhered thereto, said assemblies with said inner sheet of the first assembly adhered to the adhesive sheet of the second assembly forming a pocket to fit around and substantially cover fingers of a user and be supported thereby, said outer sheets adapted to be peeled from the outer sides of respective adhesive sheets and upon said outer sides of the two adhesive sheets becoming non-tacky, said inner sheet of the first assembly being separable along one edge from

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the edges of the adhesive sheet of the second assembly and being positionable to dispose the inner sheets externally of the adhesive sheets whereby said inner sheets upon removal from the adhesive sheets expose the related surfaces of the adhesive sheets to use.

4. A cleaning mit comprising two three-piece assemblies disposed in superposed relation, each assembly comprising inner and outer backing sheets and an intervening adhesive sheet having inner and outer tacky sides, said assemblies having edge portions, and means releasably connecting respective edge portions of said assemblies to each other to form a hand accommodating pocket with the inner backing sheets of said assemblies opposing each other, said outer sheets being removable to expose the outer sides of said adhesive sheets, said assemblies being separable upon the outer sides of said adhesive sheets becoming non-tacky and being reassembled with the non-tacky outer sides facing each other and disposing the inner sheets outwardly whereupon they are removable to expose said inner tacky sides of the respective adhesive sheets.

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