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H. FEUERSTEIN

2,018,611

ABRASIVE PAD

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Fig. 1.

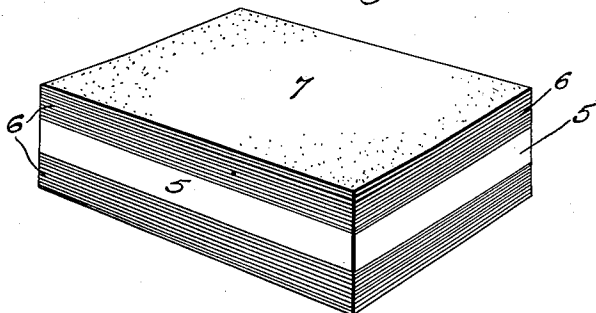


Fig. 2.

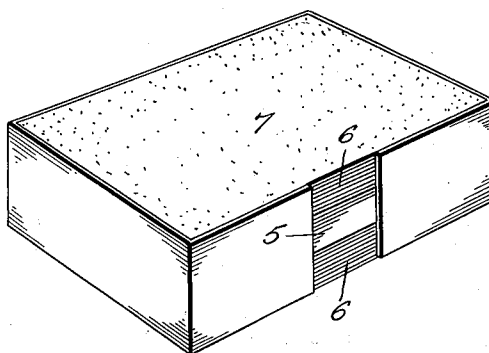


Fig. 3.

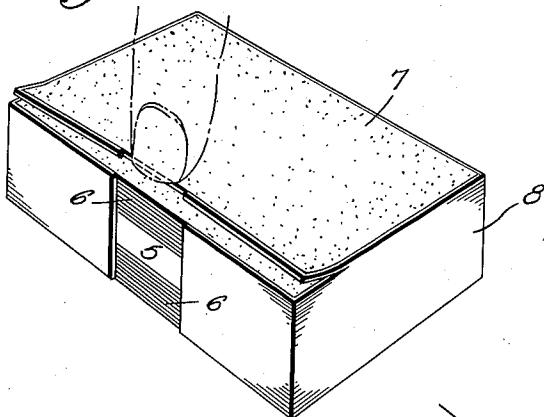
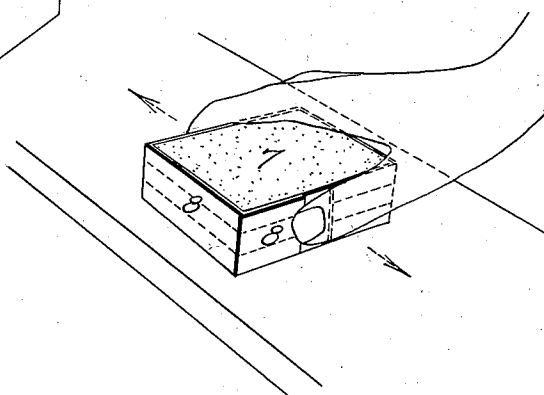


Fig. 4.



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WITNESS:

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ABRASIVE PAD

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2 Claims. (Cl. 51—185)

The invention relates to abrasive pads and more especially to sandpaper blocks or pads.

The primary object of the invention is the provision of a block or pad of this character, wherein a series of sandpaper sheets are blocked or padded, so that when the outermost sheet becomes worn, to be unfit for use, it may be quickly replaced by removing the worn sheet, thereby exposing a fresh or new sheet in position for handy use.

Another object of the invention is the provision of a block or pad of this character which is simple in its make-up, convenient and useful for sanding purposes, as in the assembly it may be employed as a sanding block or pad, serviceable for mechanics and laymen in all shops and households.

A further object of the invention is the provision of a pad or block wherein the unused sandpaper sheets are protected until exposed for use and the same effect a cushion during the use of the pad or block as a unit, the sheets of sandpaper being readily removable for individual use as the occasion may require.

A still further object of the invention is the provision of a pad or block of this character which is handy for use, practical, and inexpensive to manufacture.

With these and other objects in view, the invention consists in the features of construction, combination and arrangement of parts as will be hereinafter more fully described in detail, illustrated in the accompanying drawing, which discloses the preferred embodiment of the invention, and pointed out in the claims hereunto appended.

In the accompanying drawing:

Figure 1 is a perspective view of an assembly of the block or pad constructed in accordance with the invention.

Figure 2 is a perspective view showing the adhesive strip connected with the pad or block to cover the exposed edges of the respective sheets of sandpaper assembled in the block or pad.

Figure 3 is a perspective view showing the removal of the outermost sheet of sandpaper.

Figure 4 is a perspective view showing the application of the pad or block for the sanding of a piece of work.

Similar reference characters indicate corresponding parts throughout the several views in the drawing.

Referring to the drawing in detail, the block or pad comprises an intermediate fiber board section 5, although the same may be made from any other suitable material, and has disposed at opposite faces thereof groups of sandpaper sheets 6 stacked one upon the other, with the abrasive

side 7 outwardly disposed. These sheets 6 are of uniform size with respect to each other and match the size of the section 5.

Adapted to be disposed about the section 5 and sheets 6 at the marginal edges thereof is an adhesive strip or tape 8 having at its inner face suitable adhesive for the attachment of the said strip to the edges of the section 5 and sheets 6, so that these will be sustained in a block or pad style. This strip or tape 8 is preferably disposed to have its ends separated to provide an unattached area at one side of the pad or block, so that the user thereof can by engaging the nail of a finger with the exposed edge of an outermost sheet 6 at the unattached area, pull off or separate the outermost sheet, as is illustrated in Figure 3 of the drawing.

It is, of course, understood that this strip or tape 8 can be unattached at one or more places along the sides or ends of the block or pad to facilitate the convenient removal of the abrasive sheets 6, particularly the outermost sheet, when the same has become worn or unfit for service.

The abrasive sheets 6 may be of different grades or qualities for fine and coarse service. On the separation of an unused or partly used abrasive sheet 6, the same can be individually used for sanding or abrasive purposes.

What is claimed is:

1. An abrasive pad comprising a slab forming a carrier, a plurality of sheets of abrasive material of a size corresponding to the slab and arranged at opposite sides thereof and superimposed one upon the other with their abrasive surfaces outermost, the edges of the slab and the sheets being substantially flushed with each other and a binder strip about the slab and sheets and joined with the edges thereof for separable assembly of the same and constituting a casement for said slab and sheets.

2. An abrasive pad comprising a slab forming a carrier, a plurality of sheets of abrasive material arranged at opposite sides of the slab and superimposed one upon the other with their abrasive surfaces outermost, the edges of the slab and the sheets being substantially flushed with each other and a binder strip trained about the edges of the slab and sheets and joined therewith for separable assembly of the same and constituting a casement for said slab and sheets, the binder strip being separated at a determined locality to provide a gap for exposure therethrough of the edges of the sheets at opposite sides of the slab to provide a gripping area for engaging the sheets to permit the separation of the same and disconnecting them from the strip.

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