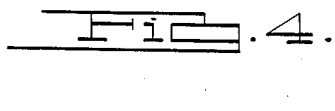
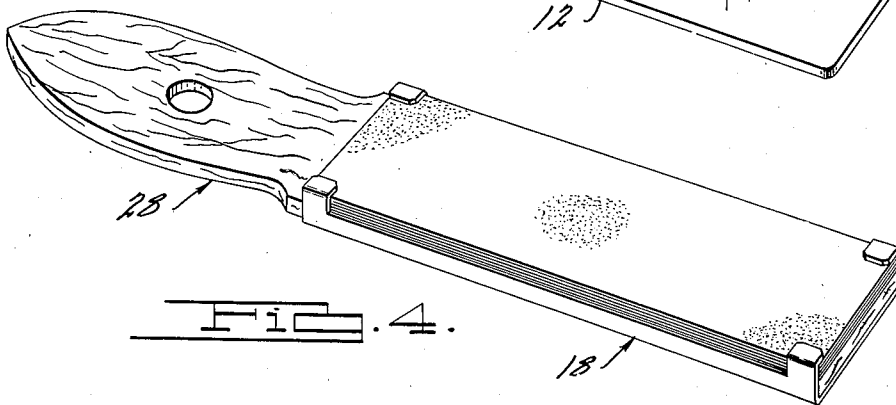
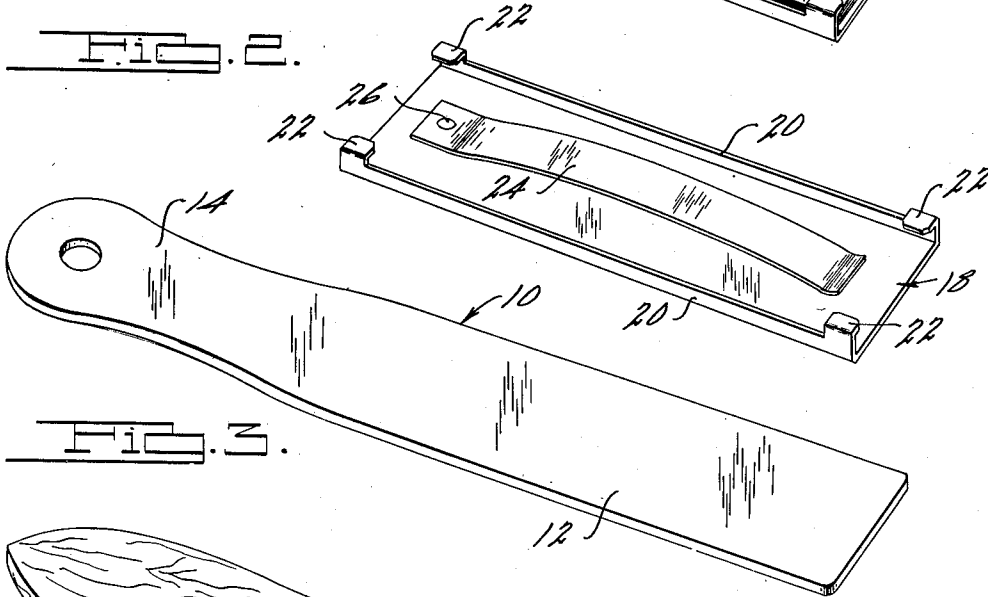
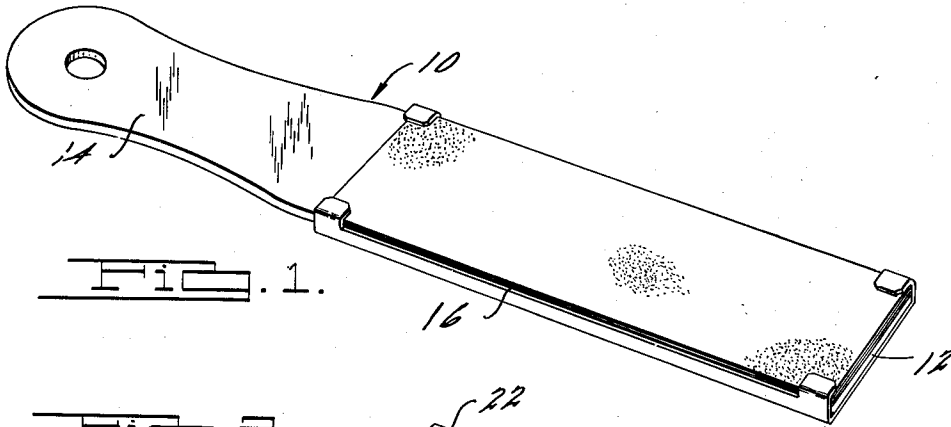


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SANDPAPER HOLDER

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SANDPAPER HOLDER

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3 Claims. (Cl. 120—89)

1

The present invention relates to an improved sandpaper holder and more particularly to an improved holder for conventional rectangularly-shaped pencil pointing sandpaper sheets.

It is an object of the present invention to provide an improved sandpaper holder adapted to securely hold conventional rectangularly-shaped sheets of sandpaper and expose substantially all of the sandpaper surface for use.

Another object of the invention is to provide an improved sandpaper holder including a backup plate having a portion shaped to engage and support the sandpaper sheets and a handle portion integrally formed with the backup portion, and a tray shaped to receive the backup portion of the plate and resiliently hold the sandpaper sheets against the plate.

It is also an object of the present invention to provide an improved holder adapted to receive a conventional pencil pointing paddle and securely hold conventional sheets of sandpaper on the paddle.

Other and more detailed objects of the invention will become apparent from a consideration of the following specification, the appended claims and the accompanying drawing wherein:

Figure 1 is a perspective view showing a plurality of sheets of sandpaper supported in an embodiment of the invention;

Figure 2 is a perspective view showing the pressure tray of the construction illustrated in Figure 1;

Figure 3 is a perspective view of the back-up member of the construction illustrated in Figure 1; and

Figure 4 is a perspective view showing the pressure tray illustrated in Figure 2, applied to a conventional pencil pointing paddle to securely hold in place the sandpaper forming a part of such paddles.

Pencil pointing sandpaper sheets are conventionally sold in the form of rectangular pads secured to small wooden paddles having a rectangular portion supporting the pad of sandpaper sheets and a handle portion. In normal use one or more of the sheets of sandpaper, or frequently the entire pad, comes loose from the paddle, resulting in difficulty in holding the sandpaper during use thereof for pencil pointing. The sandpaper holder of the present invention positively holds the sheets of sandpaper and prevents their breaking away from or falling from the holder.

Referring to the drawing, the improved sandpaper holder of the present invention comprises a backup plate 10 which is formed of a solid flat

2

material, such for example, as aluminum and includes a rectangular backup portion 12 and a handle portion 14 integrally formed with the backup portion 12. The rectangular backup portion 12 is shaped to engage and support conventional rectangular sheets of pencil pointing sandpaper 16 throughout their entire area. The sandpaper holder also includes a tray 18 which is generally rectangular in shape and has upwardly turned flanges 20 extending longitudinally thereof along its opposite edges and spaced to receive the rectangular backup portion 12 of the plate 10 therebetween. Each of the flanges 20, at its opposite ends, is provided with integrally formed inwardly turned tabs 22 adapted to overlie the upper surface of the rectangular backup portion 12 of the plate 10 when the latter is received between the flanges 20. The tray 18 carries a spring 24 formed of a strip of spring steel and having one end thereof secured to the tray in any suitable manner, as by the rivet 26. The spring 24 serves to urge the plate 10 upwardly toward the tabs 22 and effects a resilient gripping of the sandpaper sheets 16 between the upper surface of the rectangular backup portion 12 of the plate 10 and the tabs 22.

It will now be appreciated that the above described sandpaper holder is adapted to securely hold one or more sheets of the sandpaper 16 of conventional rectangular design and expose substantially all of the work surface of the sandpaper, except for the small portions thereof which are covered by the tabs 22.

The present invention also contemplates that the tray 18 may be used without the plate 10 as a holder for securing pads of sandpaper on the conventional wooden paddles upon which they are sold, to prevent the pads or sheets thereof from falling from the paddles. A conventional paddle is illustrated in Figure 4 at 28 and it will be readily appreciated that the tray 18 illustrated in Figure 2 may be readily applied to the conventional paddle as shown in Figure 4, and when so applied, will securely hold the sandpaper in place on the paddle.

While only two specific forms of the invention have been illustrated and described herein, it will be readily appreciated by those skilled in the art that numerous modifications and changes may be made without departing from the spirit of the present invention.

What is claimed is:

1. A sandpaper holder for holding a plurality of sheets of sandpaper, comprising: a backup plate having a portion shaped to support said

3
 sheets of sandpaper; a handle member secured to said backup plate; a tray having a portion disposed below said backup plate and keeper elements extending to a point above and in overlying relation to the upper surface of said backup plate, with at least one end of said tray being open to allow sliding of a plurality of sheets of sandpaper between said upper surface of said plate and said keeper elements; and resilient means between said backup plate and the portion of said tray underlying said backup plate for urging said backup plate toward said keeper elements to grip said sandpaper between said keeper elements and backup plate.

15 2. A sandpaper holder for holding a plurality of sheets of sandpaper, comprising: a backup plate having a portion shaped to support said sheets of sandpaper; a handle member secured to said backup plate; a tray having a portion disposed below said backup plate and keeper elements at each end of said tray and opposite each other extending to a point above and in overlying relation to the upper surface of said backup plate, with at least one end of said tray being open to allow sliding of a plurality of sheets of sandpaper between said upper surface of said plate and said keeper elements; and a leaf spring secured at one end to said tray between said backup plate and the portion of said tray underlying said backup plate for urging said backup plate toward said keeper elements to grip said sandpaper between said keeper elements and backup plate.

3. A sandpaper holder for holding a plurality

4
 of sheets of sandpaper, comprising: a backup plate including a portion shaped to engage and back up said sandpaper and a handle integral with said shaped portion, the upper surface of said backup plate lying substantially in a single plane; a tray having a portion disposed below said backup plate and keeper elements at each end of said tray and opposite each other extending to a point above and in overlying relation to the upper surface of said backup plate, with at least one end of said tray being open to allow sliding of a plurality of sheets of sandpaper between said upper surface of said plate and said keeper elements; and a leaf spring secured at one end to said tray between said backup plate and the portion of said tray underlying said backup plate for urging said backup plate toward said keeper elements to grip said sandpaper between said keeper elements and backup plates.

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