

O. C. MILLER.
SANDPAPER HOLDER.
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1,024,015.

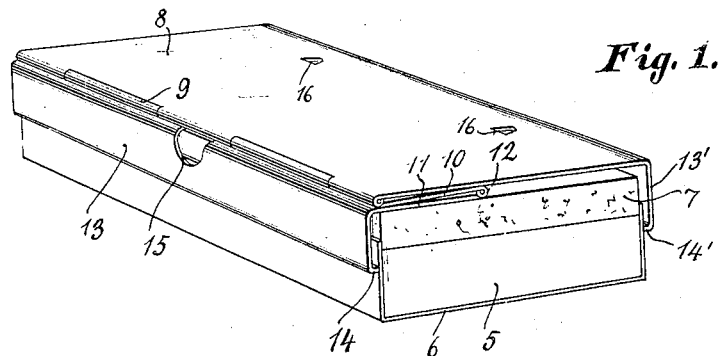


Fig. 1.

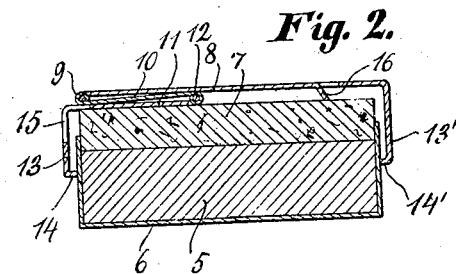


Fig. 2.

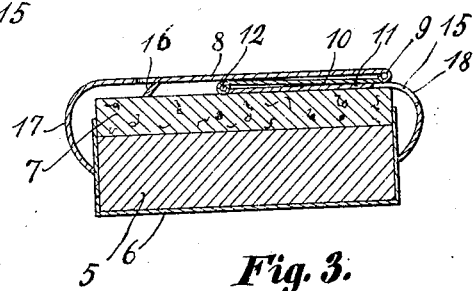


Fig. 3.

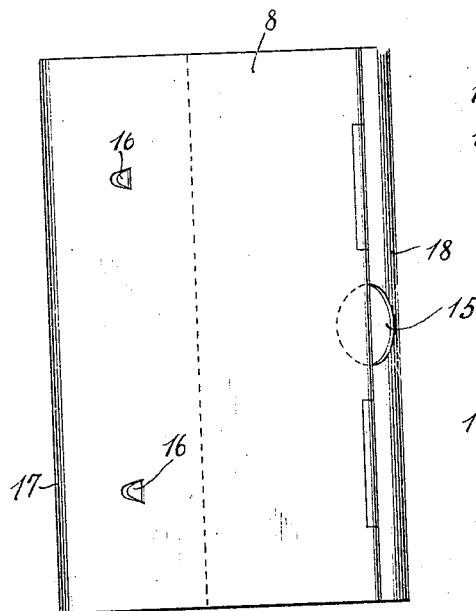


Fig. 4.

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SANDPAPER-HOLDER.

1,024,015.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, OLE C. MILLER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Sandpaper-Holders, of which the following is a specification.

This invention relates to devices for holding sand or emery-paper, and its object is to provide a simple and efficient clamp for securing the paper to a base block, the clamp being constructed so as to permit the paper to be readily attached to or removed from the base block.

With the hereinstant object in view, the invention consists in a novel construction and arrangement of parts to be hereinafter described and claimed, reference being had to the accompanying drawing in which,

Figure 1 is a perspective view of the holder; Fig. 2 is a cross section thereof; Fig. 3 is a cross section, and Fig. 4 a plan view showing a modification.

Referring specifically to the drawing, 5 denotes a base block over the bottom of which the sheet 6 of sand or emery-paper is stretched and held by the clamp to be presently described. The block is rectangular and its back is faced with a layer 7 of cork.

The clamp comprises a flat sheet-metal plate 8, having hinged to one of its longitudinal edges, as indicated at 9, a jaw member which is in two sections 10 and 11, respectively, said sections being connected by a hinge joint 12 and having the same length as the plate 8. The sections are adapted to be folded together flat between the plate 8 and the back of the block 5, with the section 10 next to the plate and the section 11 next to the block as clearly shown in Fig. 2. The section 11 is the jaw proper, it having a lateral bend 13 at its free edge which extends downward along the side of the block when in clamping position and terminates in an inward bend 14, adapted to grip the paper. The other edge of the plate 8 has a fixed jaw member 13' similar to the part 13 and terminating in an inward bend 14' to grip the paper.

In operation, the paper 6 is placed on the bottom of the block 5 and bent up so as to overlap the sides thereof. The jaw members 10 and 11 are then partly folded beneath the plate 8 so that when the clamp is applied to the back of the block, the jaw

13 extends over one side thereof, the jaw 13' being positioned so as to extend over the other side. The plate 8 is now pressed down, whereupon the jaws are drawn inward and the bends 14 and 14' are caused to firmly grip the paper and clamp it against the sides of the block, the action being similar to a toggle. To remove the paper it is necessary only to pull the plate 8 upward from the block, which spreads the jaws and releases the same from the paper. The jaw 13 has an aperture 15 to provide a finger hold for the purpose of pulling said jaw down on the side of the block.

Out of the plate 8 are punched tongues 16 which engage the back of the block when the clamp is in locking position.

Fig. 3 shows a slightly modified structure, the jaws 17 and 18 extending in a curve from the plate 8 which adapts the device for different shaped and sized blocks.

The modified form of clamp is applied to and removed from the block in the same manner as the one already described.

I claim:—

1. A holder comprising a base block, and a clamp associated therewith, said clamp comprising a plate having a jaw at one of its edges, and a jaw at its opposite edge, between which jaws the block is received, the second mentioned jaw being hinged to the plate and comprising two hinged connected sections which are foldable upon themselves between the plate and the block, and one of said sections having a gripping portion.

2. A holder comprising a base block, and a clamp associated therewith, said clamp comprising a plate adapted to be placed on the back of the block and having tongues engageable therewith, and said plate having jaws at its opposite edges between which the block is located, one of said jaws being hinged to the plate and comprising two hinged connected sections which are foldable upon themselves between the plate and the block, and one of said sections having a gripping portion.

In testimony whereof I affix my signature in presence of two witnesses.

OLE C. MILLER.

Witnesses:

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