Dec. 23, 1924. 1,520,642

G. A. GIROUX

SANDPAPER HOLDER

Filed Oct. 5, 1923

Fig. 1.

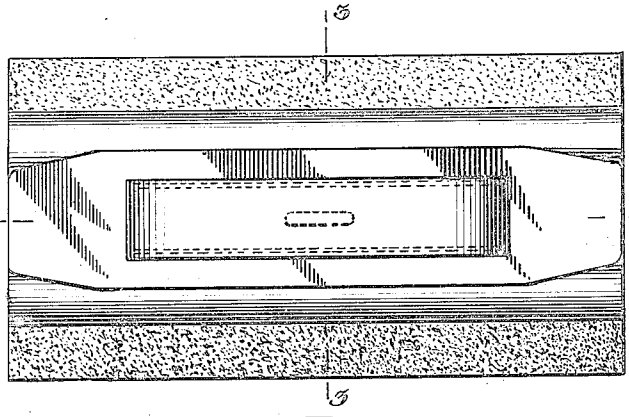


Fig. 2.

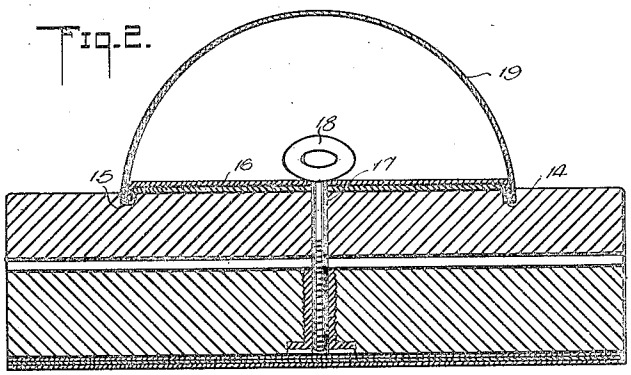


Fig. 3.

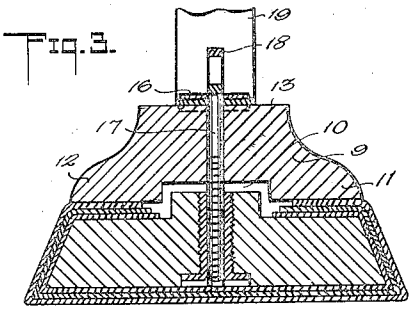
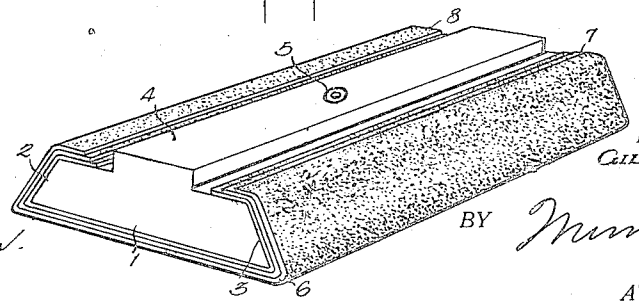


Fig. 4.



WITNESSES

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UNITED STATES PATENT OFFICE.

GILBERT AUGUST GIROUX, OF NEW ORLEANS, LOUISIANA.

SANDPAPER HOLDER.

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To all whom it may concern:

Be it known that I, GILBERT A. GIROUX, a citizen of the United States, and a resident of New Orleans, in the parish of Orleans and State of Louisiana, have invented a new and Improved Sandpaper Holder, of which the following is a full, clear, and exact description.

This invention relates to a sandpaper holder, and has for an object the provision of a simple and efficient device whereby one or more layers of sandpaper can be very efficiently mounted thereon to enable a workman to sandpaper surfaces in a simple and efficient manner.

Another object is to provide means whereby the sandpaper can be quickly and easily mounted on and removed from the device with the fewest possible manipulations required by the workman.

A further object is to provide means whereby the tool can be very readily carried on the hand or arm of the workman so that he will not have to waste any time in making it available for use at all times.

The invention is illustrated in the drawings, of which—

Figure 1 is a plan view of the device;

Fig. 2 is a section taken on the line 2—2 of Fig. 1;

Fig. 3 is a section taken on the line 3—3 of Fig. 1; and

Fig. 4 is a perspective view of the body portion of the device with the cover portion removed therefrom.

The form of the invention shown in the drawings is a preferred form, although it is understood that modifications in the construction and arrangement of the parts and in the character of the materials used may be adopted without departing from the spirit of the invention as set forth in the appended claims.

The invention as illustrated in the drawings comprises a body portion 1 having sloping sides 2 and 3 and a raised ledge or rib 4 on its upper side, this ledge and the body portion having an aperture 5 therein to receive a clamping screw. Around this body portion there is adapted to be wrapped a plurality of layers of sandpaper such as 6, the ends 7 and 8 of which are spaced to lie along the top of the body portion adjacent the ledge 4.

A cover portion 9 is adapted to be placed on the top of the body portion and is provided with a groove 10 to receive the ledge 4. The sides 11 and 12 of the cover portion are adapted to bear down on the ends 7 and 8 of the sandpaper to press them against the top of the body portion.

The top 13 of the cover portion is provided with transverse grooves 14 and 15 in which the dependent ends of a metal plate 16 are adapted to lie. This metal plate extends longitudinally along the top of the cover portion and has an aperture through which the stem 17 of a screw 18 extends, this screw being inserted in the aperture 5 in order to clamp the body portion and the plate 16 together. The device is provided with a handle 19, preferably of resilient material such as elastic, the ends of which are disposed under the ends of the plate 16 to any desired extent and thereby clamped down against the top of the cover portion when the screw 18 is tightened.

To disassemble the device, it is merely necessary to release the screw 18 whereupon the cover 9 can be removed, permitting the removal of one or more sheets of sandpaper or the insertion of new ones.

This device, as will be readily observable, is simple and efficient, the elastic handle being so constructed that the device can be slipped over the hand or wrist or forearm of the wearer to be ready for use at any time without his having to waste time in pulling the device out of his pocket as is generally the case.

What I claim is:

1. A sandpaper holder which includes a cover portion, a body portion to be clamped thereto, a screw, means engaging the body and the cover portion to clamp them together, a plate on the cover portion having an aperture through which the screw passes, a flexible handle on the cover portion, the ends of which handle are disposed beneath the plate to be clamped therebeneath by the action of the screw.

2. A sandpaper holder which includes a cover portion having transverse notches therein and an aperture, a clamping screw adapted to pass through said aperture, the apertured plate on the cover portion having depending ends lying in said notches, and a flexible handle having ends which are disposed beneath the ends of the plate to be clamped therebeneath by the tightening action of said screw.

3. A sandpaper holder which includes a

body portion having sloping sides, a bottom face, a top face, a ledge or rib on said top face, said body portion having an aperture extending vertically therethrough for a clamping screw, a cover portion having grooves therein in which said ledge on the body portion is adapted to lie, said cover portion having an aperture through which a clamping screw extends, the lower face of the cover portion adjacent the grooves adapted to bear against the ends of sheets of sandpaper wrapped around the body portion, a clamping screw passing through the apertures in the body and cover portions, a plate on said cover portion having apertures to permit the passage therethrough of the clamping screw, said cover portion having a pair of notches on its upper face into which the depending ends of said plate are adapted to lie, and a flexible handle of elastic material having its ends disposed along the ends of the plate to be clamped thereunder by the action of said screw.

GILBERT AUGUST GIROUX.