

No. 734,953.

PATENTED JULY 28, 1903.

F. REISSMANN.
SANDPAPER HOLDER.

APPLICATION FILED SEPT. 10, 1902.

NO MODEL.

Fig. 1.

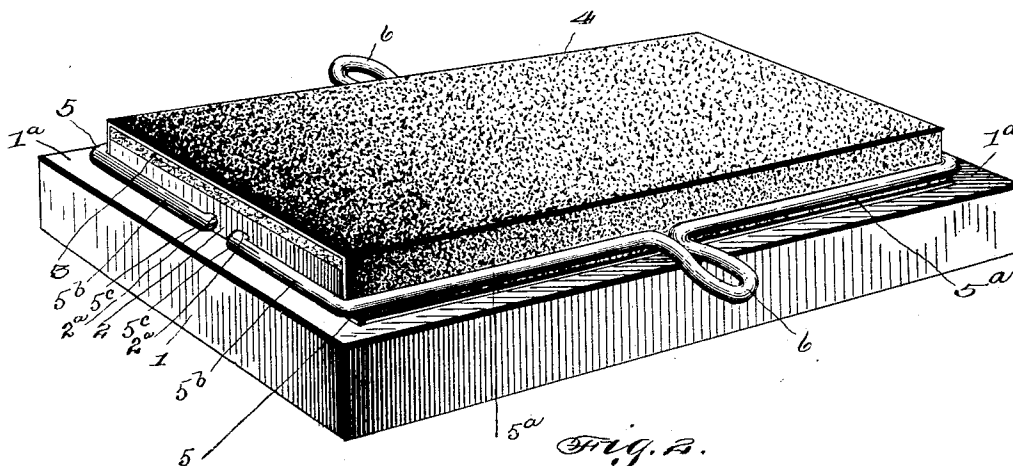


Fig. 2.

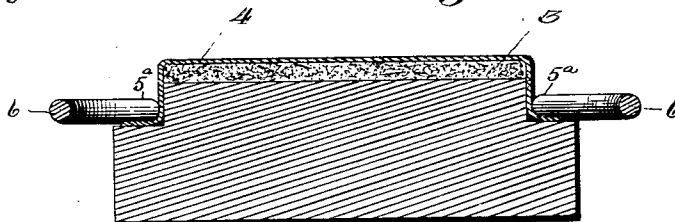


Fig. 3.

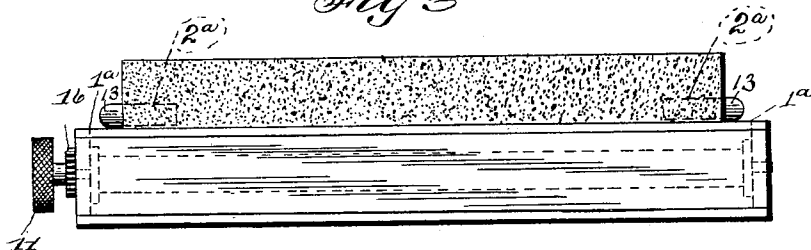


Fig. 4.

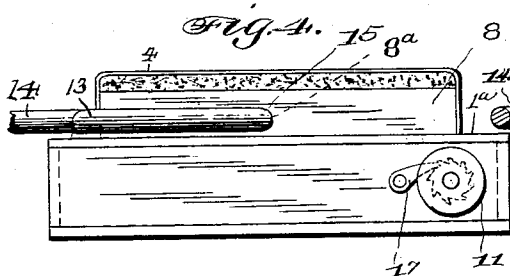
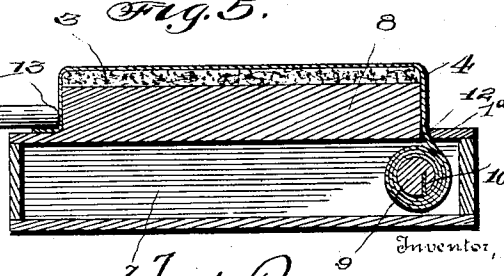


Fig. 5.



Witnesses

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UNITED STATES PATENT OFFICE.

FREDERICK REISSMANN, OF WESTPOINT, NEW YORK.

SANDPAPER-HOLDER.

SPECIFICATION forming part of Letters Patent No. 734,953, dated July 28, 1903.

Application filed September 10, 1902. Serial No. 122,760. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK REISSMANN, a citizen of the United States, residing at Westpoint, in the county of Orange and State of New York, have invented certain new and useful Improvements in Sandpaper-Holders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention, as will be hereinafter fully described and claimed, has relation to holders for sandpaper, emery-paper, or the like which are provided with a body portion which is grasped by the hand in contradistinction to those holders which are provided with handles whereby they are manipulated; and it consists of certain novel features of combination and construction of parts, the preferred form whereof will be clearly set forth in the following specification, reference being had to the accompanying drawings, in which—

Figure is a perspective view of my invention complete ready for use. Fig. 2 is a transverse central section of Fig. 1. Fig. 3 is a side elevation showing a modified form of construction. Figs. 4 and 5 are respectively an end view and transverse section of the construction presented in Fig. 3.

In carrying out my invention I provide a suitable hand block or slab 1, formed of any desired material, having upon one side a raised seat or cushion holding bed-section 2 of sufficient height to protect the finger-tips when the block or slab is grasped by the hand, upon which is located a cushion formed of felt, cloth, or other suitable material, as indicated by the numeral 3, over which a piece of sandpaper 4 is adapted to be extended. The raised seat 2 is of less width than the hand-block 1, so as to provide surrounding shoulders or ledges 1^a, to which the sandpaper is held. The raised seat is also formed with longitudinal apertures 2^a at its ends. In order that the strip of sandpaper may therefore be reliably held to its work without the necessity of securing it with tacks, nails, or the like, I provide upon each side of the seat 2 the clamping-bails 5, each preferably consisting of a suitable piece of wire or rod bent

upon itself and shaped so that longitudinal straight side portion 5^a, transverse straight end portions 5^b, and suitable journals 5^c parallel with the side portions are provided which are adapted to take into the apertures 5^c, provided in the end of the seat 2, whereby when the bails are thus sprung into place, so that the journals will enter each its respective aperture, they will so remain ready for instant use. Each of the bails 5 is bent upon itself, preferably near its middle portion, so as to provide the loop-handle 6, as fully shown, and it is obvious that the reach or extent of each of said bails should be coincident with the outer edge of the seat 2, whereby when said bails are forced downward upon the shoulders or ledges 1^a, parallel with each side of said seat, the pieces of sandpaper interposed between the hand-block and bails will be very reliably clamped and held in such position until released by raising said bails, as will be clearly understood. The loop-handles 6 extend beyond the sides of the hand block or slab and enable the hand-block to be more firmly grasped by the hand than where such handle is omitted from the bail. The sandpaper may therefore be readily cut into proper lengths and used in the manner above described until it is desired that the same shall be replaced by a new piece or a piece of different cutting grade. All that is necessary to be done in removing a worn-out piece of sandpaper is to raise both of the bails upward, bringing the loop-handles 6 toward each other, when a fresh piece of sandpaper may thus be disposed in position and reliably secured by clamping the bails downward parallel with the side of the seat, as hereinbefore described.

It will be obvious that various substitutes and equivalents may be employed in lieu of one of the bail-sections, inasmuch as my desire is to reliably hold the piece of sandpaper in place and at the same time permit it to be removed or replaced at will.

In Figs. 3, 4, and 5 I have illustrated a modification wherein it will be observed that the hand block or slab may, if desired, be formed hollow (indicated by the numeral 7) and provided with the seat 8, having the cushion 3, of felt or the like, as before de-

scribed. The hollow block has mounted therein along one side thereof the storage-roller 9, having a longitudinal slit therein, as indicated by the numeral 10, into which
5 the edge of the sandpaper may be inserted, when by turning the roller by means of the controlling-handle 11 the sandpaper may be wound around the roller and thereby stored away for future use, it being understood that
10 a slot 12 is to be formed in the shoulder 1^a of the hollow block directly above the roller 9, through which the sandpaper may be inserted. By this construction I am enabled to use a long piece of sandpaper cut the proper
15 width to fit over the seat 8. In this construction, wherein I have employed the storage-roller 9, only one clamping-bail 13, corresponding to a bail 5 in Fig. 1, and having a handle 14, which corresponds to the handle
20 6, may be employed. This bail 13 should also be properly shaped and bent as to be provided with the inwardly-directed terminals 15, adapted to take into suitable apertures provided in a contiguous part of the
25 seat 8, whereby the bail will be reliably held in place. I also provide in some instances upon the outer end of the shaft 9 a controlling or ratchet wheel 16, also a suitable pawl 17, designed to cooperate with the said ratchet,
30 whereby the sandpaper may be securely clamped in its adjusted operative position upon the seat 8, as will be made clearly apparent by reference to Fig. 5 of the drawings.

In using the appliance illustrated in Fig. 35 5 one end of the sandpaper will be inserted into the slit provided in the roller 9 and said roller turned until the sandpaper is wound thereon, leaving only enough of the paper to cover the seat 8, so that the extreme end thereof
40 of may be clamped by the bail, when a further rotation of the roller will take up any slack in the paper and make it secure and tight, inasmuch as the pawl will cooperate with the ratchet to hold the paper in a tightly-
45 wound condition. After the paper has been used and a new supply thereof is desired all that is necessary to be done is to raise the bail and to release the pawl, when a reverse movement of the storage-roller may be effected, thereby bringing a new supply of the
50 sandpaper in position, when the edge thereof

may be clamped by the bail and the used portion torn off.

The appliance last described will be found useful in many instances, though in most 55 cases the appliance illustrated in Fig. 1 will be found amply sufficient to meet all ordinary requirements, though I reserve the right to manufacture either or both forms, as I may find most expedient and desirable in practice 60 so to do.

While I have described the preferred combination and construction of parts, I wish to comprehend such reasonable changes and modifications as may be considered as falling 65 fairly within the scope of my invention.

Having thus fully described the construction and manner of using my improved sandpaper-holding device, further reference to the details is deemed unnecessary. 70

What I claim as new, and desire to secure by Letters Patent, is—

1. A sandpaper-holder comprising a slab formed with a raised seat for the sandpaper, having longitudinal end apertures and of less 75 dimensions than the slab so as to provide surrounding ledges, a bail for clamping the sandpaper at one side of the seat and formed with a loop-handle extending beyond the side of the slab, straight longitudinal side portions 80 and transverse straight end portions seating on the ledges, and journals parallel with the side portions inserted in the end apertures, and means for clamping the sandpaper at the other side of the seat. 85

2. A sandpaper-holder comprising a hollow slab formed with a raised seat for the sandpaper having a slot along one side of the seat, a bail journaled to the seat for clamping the sandpaper at the other side of the seat, a stor- 90 age-roller to which one end of the sandpaper is secured and journaled in the slab beneath the slot having means for turning the same to wind and unwind the sandpaper and for locking the storage-roller to clamp the sand- 95 paper on the slot side of the seat.

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

FREDERICK REISSMANN.

Witnesses:

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