

(No Model.)

W. S. FINNEY.
PAD MACHINE.

No. 463,210.

Patented Nov. 17, 1891.

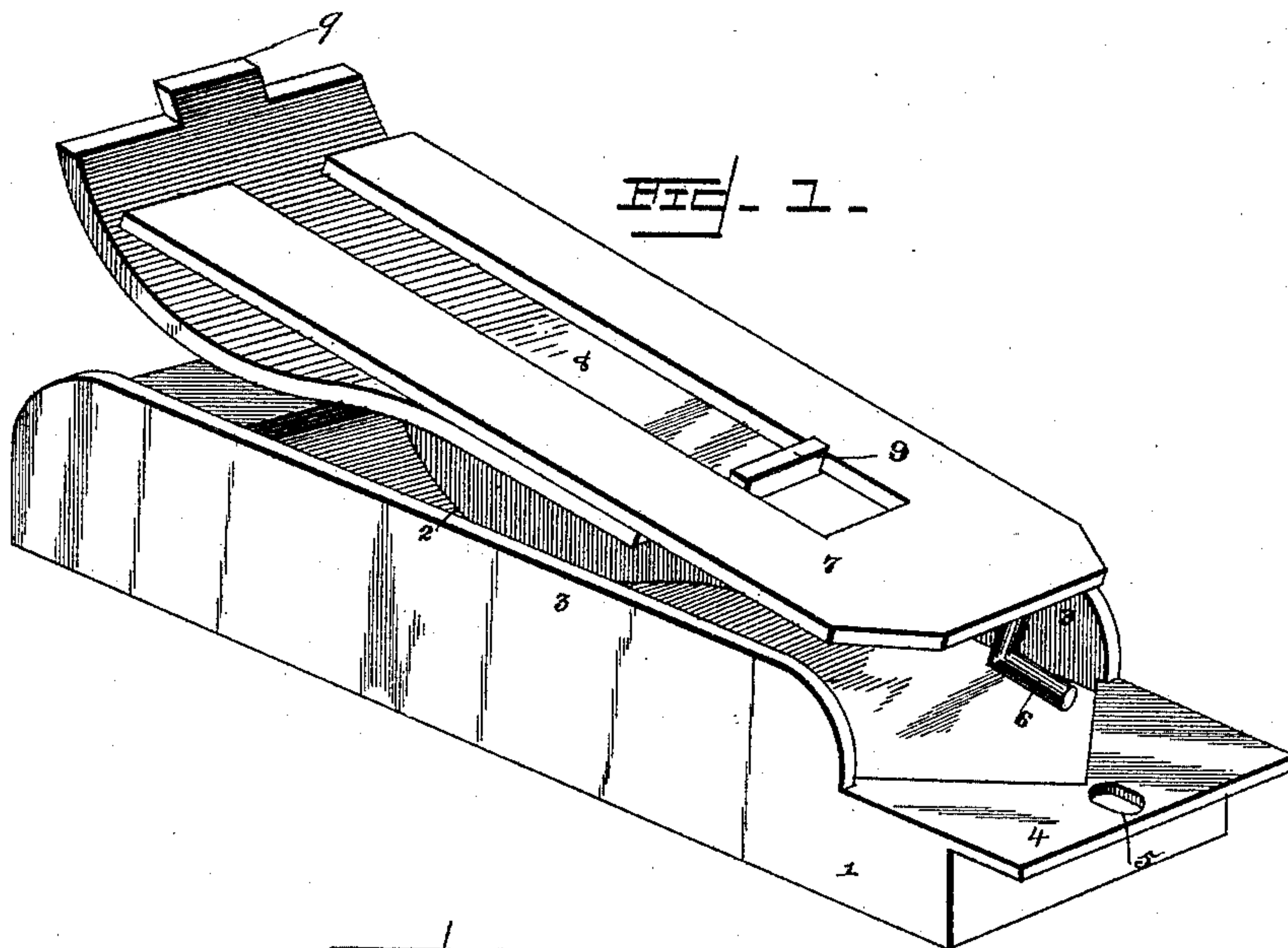


FIG. 2 -

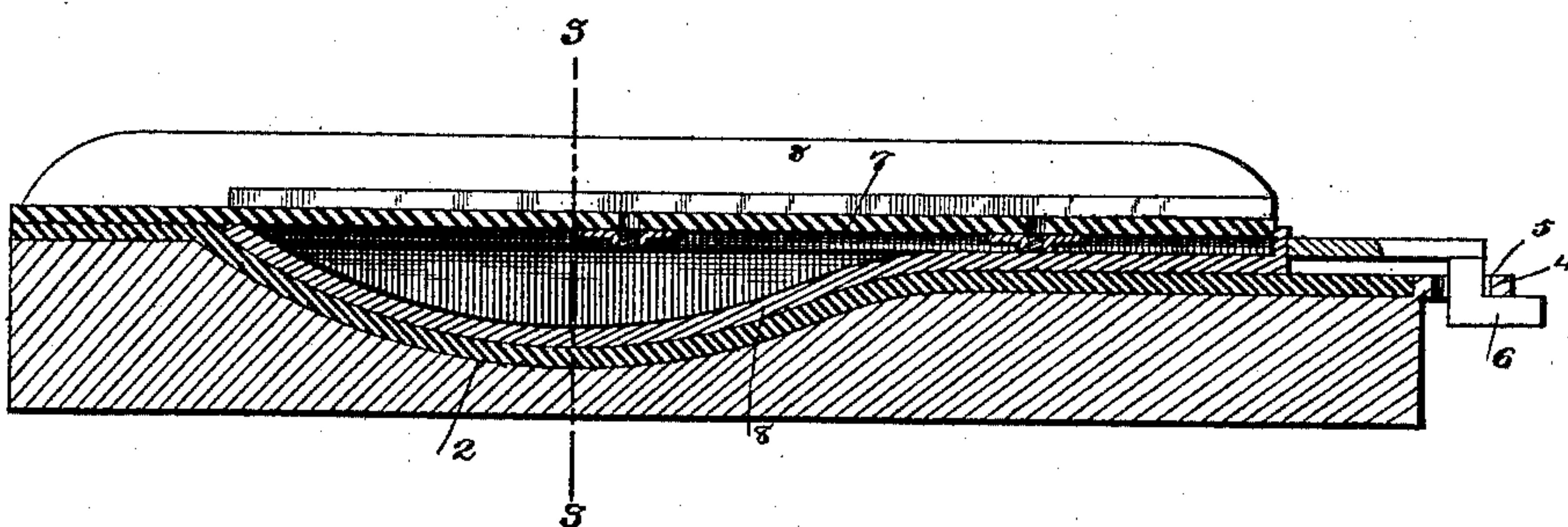
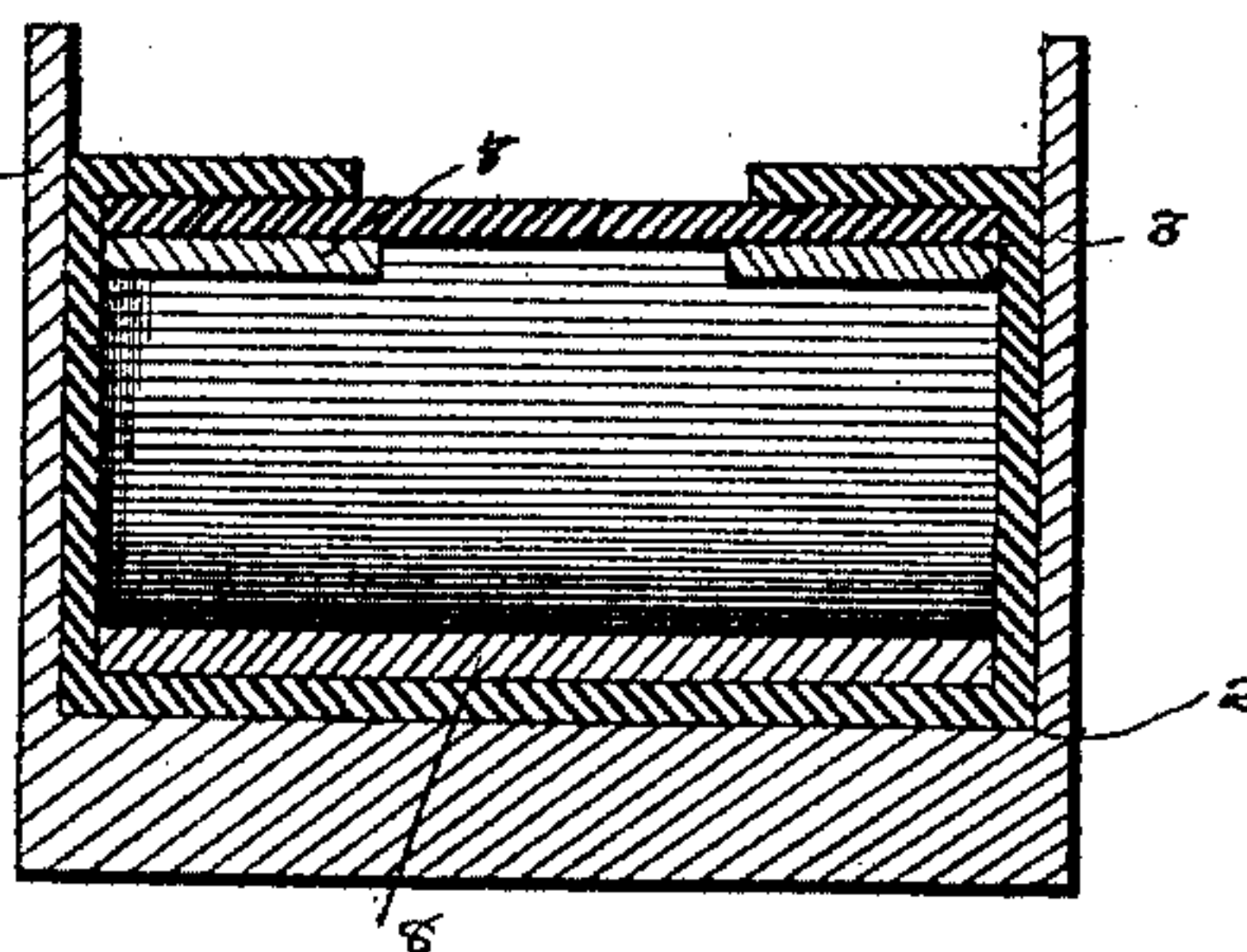


FIG. 3 -



Witnesses

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Inventor

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UNITED STATES PATENT OFFICE.

WINFIELD S. FINNEY, OF MEDICINE LODGE, KANSAS.

PAD-MACHINE.

SPECIFICATION forming part of Letters Patent No. 463,210, dated November 17, 1891.

Application filed April 18, 1891. Serial No. 389,451. (No model.)

To all whom it may concern:

Be it known that I, WINFIELD S. FINNEY, a citizen of the United States, residing at Medicine Lodge, in the county of Barber and State of Kansas, have invented a new and useful Machine for Making Harness-Pads, of which the following is a specification.

This invention relates to machines or presses for making harness-pads; and it has for its object to provide a device of this class which shall be simple in construction, durable, and easily operated.

The invention consists in the improved construction, arrangement, and combination of parts, which will be hereinafter fully described, and particularly pointed out in the claim.

In the drawings hereto annexed, Figure 1 is a perspective view showing the body of the press with the molding-piece and the presser or tacking bar removed and placed above the base ready for adjustment. Fig. 2 is a longitudinal sectional view showing the press with a pad in position. Fig. 3 is a transverse sectional view taken on the line 3 3 in Fig. 2.

Like numerals of reference indicate like parts in all the figures.

1 designates the base of the press, the upper side of which is provided with a recess or indentation 2, which serves to accommodate the pad that is to be formed.

3 3 designate flanges on each side of the base, which are formed for the purpose of confining the material that is to be compressed, and 4 is a top piece arranged at the front end of the base and provided with a perforation 5 to receive a hook 6, that extends downwardly from the forked press-bar 7.

8 designates a suitably-curved molding-piece, which is adapted to fit in the recess or indentation 2 of the base, and which is provided at each end with an upwardly-extending lip 9. The base, with its side flanges, is preferably made in a single piece of cast-iron, and the presser-bar is likewise made of a single piece of either cast or wrought iron. The molding piece is also constructed of a single piece of either cast or wrought metal.

In operation the piece of leather that is to be formed is placed in the base. The molding-piece is placed on top thereof, the edges of

the leather being extended upwardly and outwardly beyond the flanges 3 3 of the base. The hook 6 of the forked presser-bar 7 is then engaged in the perforation 5 and the presser-bar is placed upon the molding-piece, the lips 9 thereof engaging the opening of the presser-bar, which keeps it from slipping. The forked end of presser-bar, resting on the rear end of the molding-piece, will force the latter down in the proper position. The top piece of the pad is then placed in position and the edges of the bottom piece are folded over the same. The flanges or edges of the bottom piece are secured to the top leather piece by tacks, which are clinched by the presser-bar and turned up against the inner face of the leather top piece, thus forming a durable and effective finish. The leather or pad is then removed from the press by lifting out and unhooking from the base, the presser-lever and the molding-plate are withdrawn, and the leather or pad is replaced in the press, and stuffing of hair or other material may then be inserted in the usual manner, thus completing the pad.

By this invention harness-pads may be manufactured in a simple, easy, and convenient manner, and the finishing will be quite as durable as when stitching is used, while the expense is comparatively trifling.

Having thus described my invention, what I claim is—

The combination of a base having a curved recess in its upper side and provided with a perforated extension at its front end, the curved molding-piece provided at each end with an upwardly-extending lip, and the forked presser-bar receiving the lip in its opening and preventing the molding-piece moving laterally and having a downwardly-extending hook entering the perforation of the extension and engaging the lower face of the latter and preventing the presser-bar rising, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

WINFIELD S. FINNEY.

Witnesses:

J. H. WILLIAMS,

ELIAS F. WIDNER.