Oct. 24, 1950 C. S. WILSON 2,526,987

PAD PRESS

Filed July 8, 1946

Fig. 1.

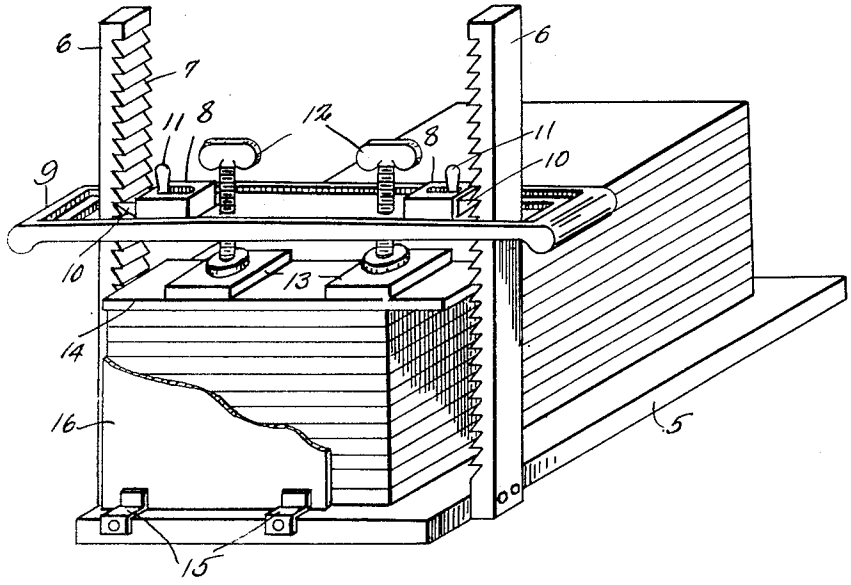
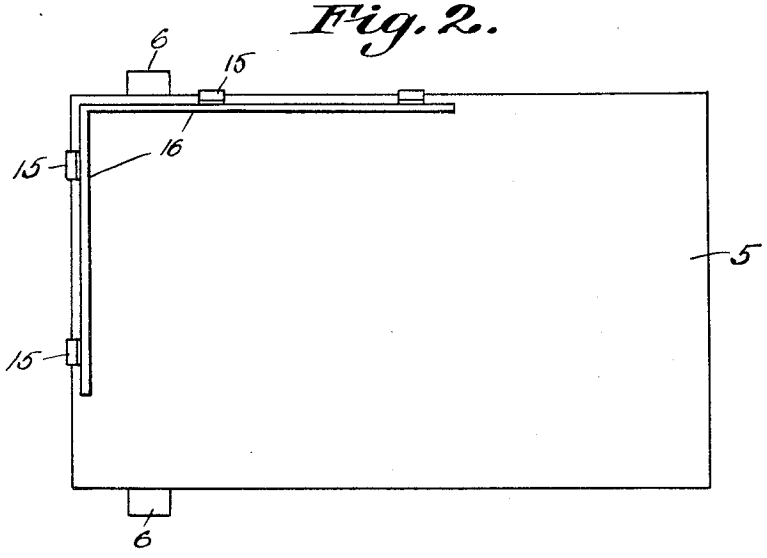


Fig. 2.



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Patented Oct. 24, 1950 2,526,987

UNITED STATES PATENT OFFICE

2,526,987

PAD PRESS

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Application July 8, 1946, Serial No. 682,070

1 Claim. (Cl. 11—1)

1

This invention relates to an apparatus used in forming writing pads or the like, the primary object of the invention being to provide a device for securely holding sheets of paper, cardboard or the like in place, while the cement which secures the sheets of paper together, is being applied to the ends of the sheets, in the formation of pads.

An important object of the invention is to provide a clamp of this character which will secure the sheets together in such a way that the cement will be confined to the end of the pad only, and cannot pass between the sheets to cause adjacent sheets of the pad to adhere together and cause an imperfect pad being formed.

With the foregoing and other objects in view which will appear as the description proceeds, the invention consists of certain novel details of construction and combinations of parts hereinafter more fully described and pointed out in the claim, it being understood that changes may be made in the construction and arrangement of parts without departing from the spirit of the invention as claimed.

Referring to the drawing

Figure 1 is a perspective view of a pad clamp, constructed in accordance with the invention, illustrating sheets of paper as secured, in the formation of pads.

Figure 2 is a plan view of the clamp, the pad clamping members having been omitted.

Referring to the drawing in detail, the reference character 5 indicates the base of the clamp, and the reference character 6 indicates metal uprights which are secured to the side edges of the base 5, adjacent to one end thereof, as clearly shown by Fig. 1 of the drawing.

The inner surfaces of the uprights 6, are formed with transversely disposed notches 7, which are arranged throughout the lengths thereof, the notches being designed to accommodate the fasteners or latch members 8 that are secured within the rectangular frame 9 which moves over the uprights 6. These latch members 8 are of the usual spring-actuated type, so that the sliding bolts thereof which are indicated by the reference character 10, will move within the notches to secure the frame 9 in position against reverse movement. It will of course be understood that reverse movement of the frame 9 may be accomplished by operating the handles 11 which form a part of the latch members, and which are secured to the sliding bolts. These handles may be moved inwardly to slide the bolts 10 from their positions within the notches.

Secured within the frame 9 are screw clamps 12 which carry clamping members 13, on the lower ends thereof, the clamping members 13 resting against the clamp board 14 which rests upon the uppermost pad of a stack of pads to be cemented, in clamping the pads together.

The cleats indicated by the reference character 15 are secured to the base 5 adjacent to one

2

end and one side thereof, the cleats providing a support for the jogger board 16 into which one corner of the pack of pads, is positioned, as shown by Fig. 1 of the drawing, to hold the pads in proper position, during the cementing operation.

In using the clamp, the stack of pads to be cemented, is positioned against the jogger board, to align the edges of the pack of pads, with the edges of the base 5.

The ends of the frame 9 are now grasped by the operator and the frame 9 is forced downwardly to the desired position, the latch members acting to secure the frame against reverse movement.

The screw clamps 12 are now operated to force the clamp board 14 into close engagement with the uppermost pad of the stack or pack of pads to be cemented.

The jogger board is now removed and the cement may be applied to the exposed ends of the pads of the stack of pads.

After the cement has dried, the pads may be removed and the pads separated.

What is claimed is:

A pad press comprising a base, uprights rising from the base, between which pads to be cemented are held, said uprights having notches formed in the inner surfaces thereof, a vertically movable rectangular frame having openings adjacent to the ends thereof through which the uprights extend, the frame operating over the uprights, latch members mounted on the frame including sliding bolts, said bolts engaging the notches of the uprights, securing the movable frame in positions of vertical adjustment on the uprights, the ends of the movable frame extending beyond the uprights providing handles by means of which the frame is moved downwardly over the uprights, a clamp board adapted to rest on the uppermost pad of a stack of pads to be cemented, screw clamps extending through the frame in contact with the clamp board and adapted to exert pressure on the clamp board, clamping the pads between said board and base, and a jogger board mounted on the base against which the pads are moved in positioning the pads.

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