

Nov. 5, 1929.

S. S. GERRIE

1,734,901

PRESS FOR PAPER TABLETS

Filed May 10, 1926

2 Sheets-Sheet 1

Fig. 1.

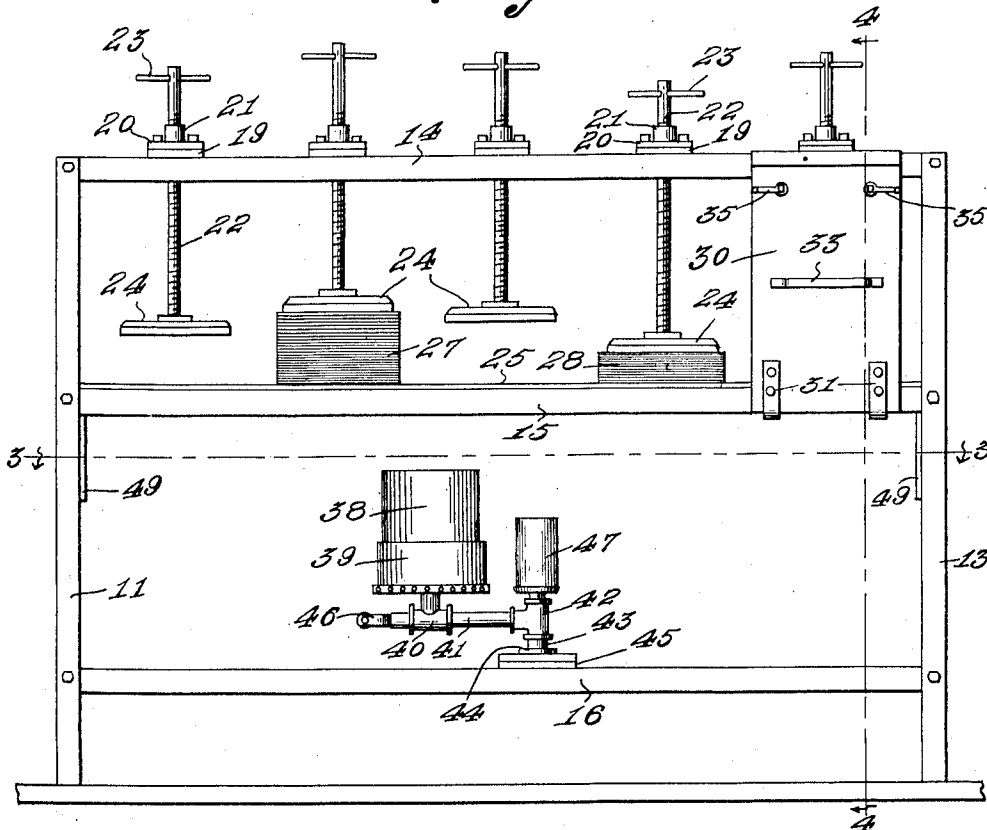
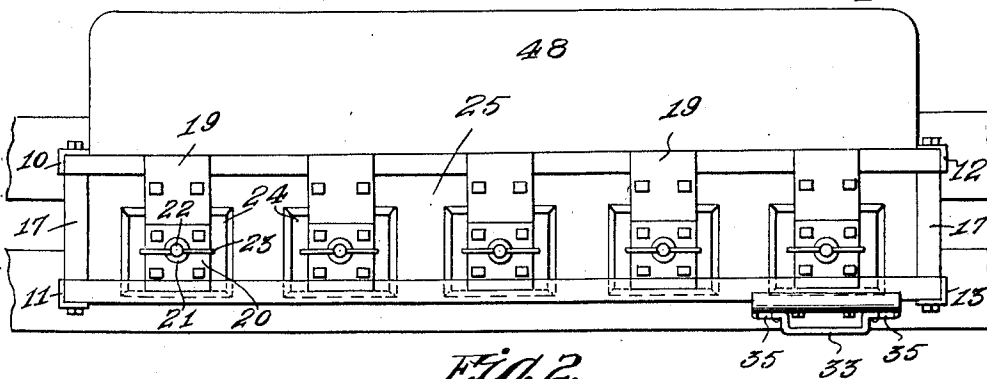


Fig. 2.

Witness

WITNESS:

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2 Sheets-Sheet 2

Fig. 3.

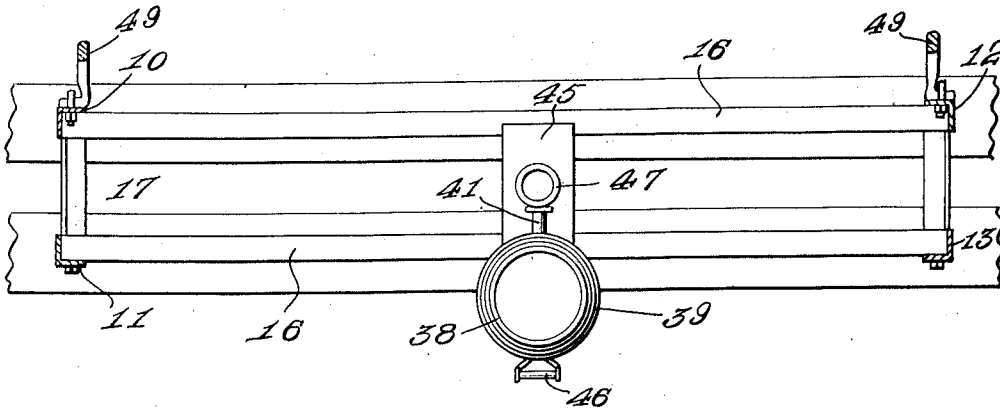
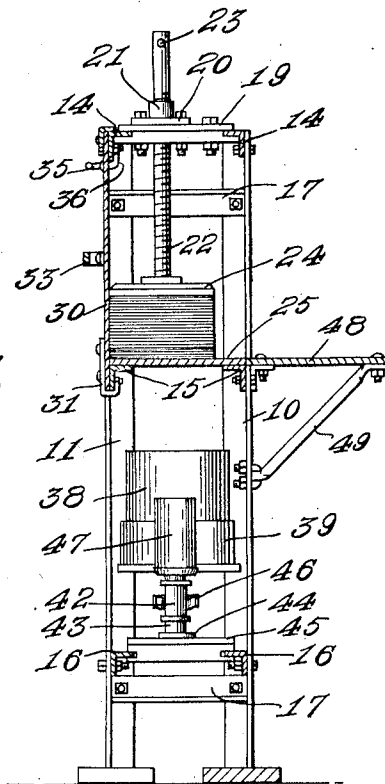


Fig. 4.



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PRESS FOR PAPER TABLETS

Application filed May 10, 1926. Serial No. 108,178.

The object of this invention is to provide a press for holding sheets of paper in the form of pads or tablets while adhesive material is applied to one edge thereof.

5 A further object is to provide a press comprising a main frame, a platform on which the sheets are to be assembled, in tablet form, a series of vertically movable plates or platens carried by screws, suitably mounted, a
10 vertical element slidable longitudinally of the edge of the platform, with means for retaining the slidable element in any desired position.

A further object is to provide particular
15 means for mounting a receptacle for the adhesive material to be employed.

With the foregoing and other objects in view, the invention consists in the novel construction and arrangement of elements described, illustrated and claimed, it being understood that modifications may be made within the scope of the claims without departing from the spirit of the invention.

In the drawings forming part of this application,
25

Figure 1 is a view of the press in side elevation.

Figure 2 is a view in top plan.

Figure 3 is a horizontal section on line 3—3
30 of Figure 1, it being assumed that the glue receptacle 38 has been swung to an outer position.

Figure 4 is a vertical transverse section.

A main frame includes corner elements
35 constituting standards and designated 10, 11, 12 and 13, these elements being of angle bar construction if desired, and connected with the standards are longitudinal bars, such as 14, 15 and 16, similar longitudinal bars being provided on the opposite side of the
40 frame.

Transverse bars such as 17, are employed wherever needed, and especially for connecting adjacent standards at the ends of the
45 frame. Extending across the longitudinal bars 14 at the upper portion of the frame are transverse bars or plates 19, and these are adapted to carry the horizontal portions 20 of internally threaded members, each including a central boss 21 providing the station-

ary element thru which screws 22 pass. These screws carry the handle or upper transverse element 23, and a plate or platen 24 at the lower end of the screw.

A platform 25, termed a padding platform, 55 rests upon the central longitudinal elements 15, and receives the piles of sheets, shown conventionally at 27 and 28. These piles are to be placed under pressure by the operation of the screws, and while so held adhesive
60 material is applied to one or more edges of the individual piles.

A vertical board 30, termed a jogging board, serving as an evening device, is longitudinally slidable along the platform 25, 65 and carries at its lower edge a plurality of engaging devices of hook form and designated 31, the hook portions being adapted to cooperate with the vertical flange of the central longitudinal elements 15, the board 30
70 being slidable in a horizontal direction, by means of handle 33, and being adapted to be secured in an adjusted position by means of rotatable devices 35 each carrying a hook portion 36 for engagement with the lower and
75 inner portion of upper longitudinal element 14, on that side of the press.

A glue receptacle 38 is mounted in a holder 39, having the form of a pan or the like, and being supported in any suitable manner as
80 by means of a T-coupling 40 carried by arm 41 secured to another T-connection 42, the latter having swivel connection at 43 with a base 44 mounted on a horizontally slidable element, hereafter termed a slide 45. This
85 element 45 may be grooved for cooperation with the upper flanges of lower frame members 16. A brush receptacle 47 is carried by T-coupling 42, and has an obvious purpose, and it will be noted that the receptacle 47
90 is merely rotatable when the arm 41 is rotated about a vertical axis, but the glue receptacle swings about said vertical axis and is accessible wherever needed,—the receptacle being movable by rotation of the arm
95 41, and the slide 45 being movable longitudinally of the frame to any desired position thereon.

A table or shelf 48 is mounted along one side of the frame, opposite the board 30, and
100

on an approximate level with platform 25. The table 48 is supported in any suitable manner, as by means of the securing devices illustrated, these devices including a brace 49, it being understood that a rigid or drop
5 leaf table may be provided.

Having described the invention what is claimed is:—

1. In a device of the class described, a
10 main frame, a platform therein, a screw and a platen carried by the screw and movable toward and away from the platform by said screw, a board slidable longitudinally of one edge of the platform and extending perpen-
15 dicularly thereof, mounting means permitting the sliding movement, and means for securing the board in an adjusted position.

2. In a device of the class described, a main frame including vertical and longitudinal elements, a horizontal platform carried
20 by oppositely located longitudinal elements, a platen vertically movable above the platform a screw for mounting the platen and effecting said vertical movement, a board
25 slidable longitudinally of one edge of the platform, means for slidably retaining the lower portion of the board with reference to one of the longitudinal elements of the frame, and rotatable clamping devices for retaining
30 the upper portion of said board and engaging the upper longitudinal member of the frame.

3. In a device of the class described, a main frame, a platform therein, a screw and a
35 platen carried by the screw and movable toward and away from the platform by said screw, a table mounted alongside of the frame and on an approximate level with the platform, a board and means for mounting
40 the board for slidable movement longitudinally of one edge of the platform and extending perpendicularly thereof, and means for securing the board in an adjusted position.

In testimony whereof I affix my signature.

STANLEY S. GERRIE.