I. BERKOWITZ.

FEED TABLE FOR PRINTING PRESSES.

APPLICATION FILED FEB. 2, 1921.

**1,395,897.** **Patented Nov. 1, 1921.**

Fig. 1.

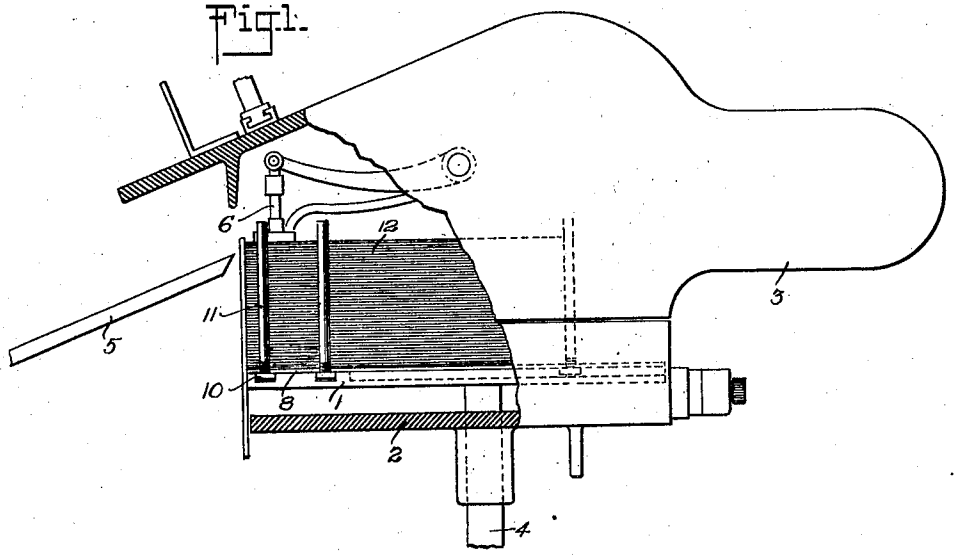



Fig. 2.

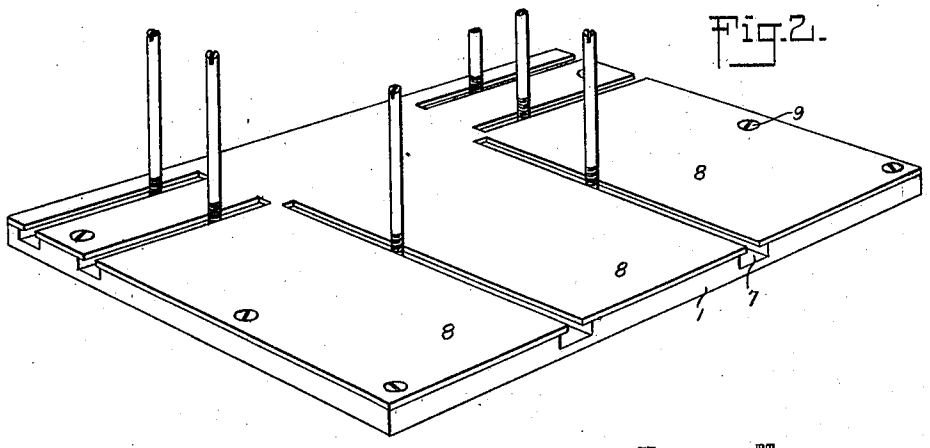
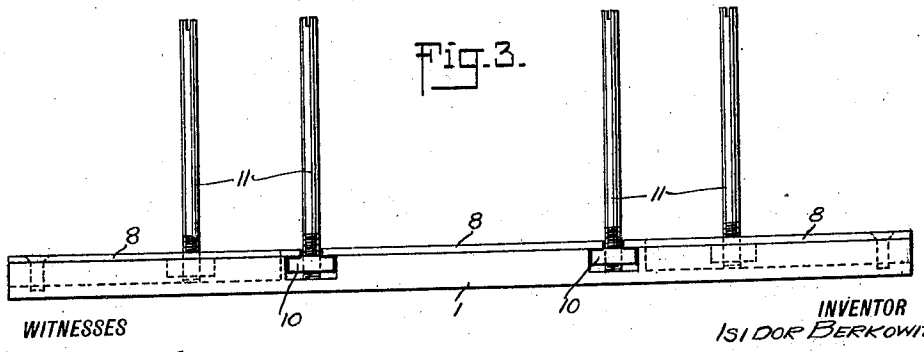



Fig. 3.




WITNESSES

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# UNITED STATES PATENT OFFICE.

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## FEED-TABLE FOR PRINTING-PRESSES.

1,395,897. Specification of Letters Patent. Patented Nov. 1, 1921.

Application filed February 2, 1921. Serial No. 441,882.

*To all whom it may concern:*

Be it known that I, ISIDOR BERKOWITZ, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Feed-Table for Printing-Presses, of which the following is a full, clear, and exact description.

This invention relates to paper feed tables for printing presses, and has for an object the provision of a feed table in which by simple and ready adjustments a wide variety of sizes of paper can be accommodated on the one table.

Another object resides in the particular construction and arrangement of parts hereinafter described and claimed and shown in the accompanying drawings.

The invention is illustrated in the drawings, of which—

Figure 1 represents a side view of a portion of a printing press showing the feeding table and its coöperating apparatus;

Fig. 2 is a perspective view of a portion of the table; and

Fig. 3 is a side view of the table.

The preferred embodiment of my invention, which is shown in the drawings, comprises a feeding table or plate 1 disposed adjacent a suitable stationary portion such as 2 of a casing 3 of the printing press. This press may be of any well-known type in which the plate 1 is supported on a plunger shaft 4 which is operated by any suitable mechanism (not shown) to keep the top layer of paper on a constant level. Adjacent the table 1 is a receiving platen 5 for the paper. One end of the paper is raised by a pneumatic suction device 6 of any well-known type so that any simple grippers (not shown) may move the paper from the plate 1 to the platen 5. The plate 1 is provided with a plurality of grooves or slots 7 extending thereon in various directions, preferably at right angles to each other. The plate is covered by an auxiliary plate 8 which is also provided with slots which, however, are smaller in width than the slots 7 in the body portion of the plate 1. The slots in the plate 8 are in alinement with the slots 7. The auxiliary plate 8 may be fastened to the plate 1, or body portion, by any suitable means, such as screws 9.

Within the slot 7 nuts 10 are disposed with which the threaded lower ends of adjusting rods 11 engage. It can be readily seen by an inspection of Fig. 3, therefore, that by turning the rods 11 the nuts 10 are threaded on the lower ends of the rods and the action results in the clamping or jamming of the nuts 10 against the under face of the auxiliary plate 8 in the slot 7 to firmly hold the rod 11 in any desired position in which it has been placed by the operator. By having one or more rods and their coöperating members in each slot 11, these rods can be moved to any position to form a series of guides for the edges of any desired size of paper which is to be positioned on the plate 1. To vary the position of the rods, it is merely necessary slightly to unscrew them from the nuts so that they can be moved to a new position, whereupon by giving them a turn in a reverse direction they can be tightened again. All these parts can be made of stock material and assembled and operated in a very simple and altogether safe manner, so that the device is highly advantageous because of its simplicity and the ease with which it can be operated and adjusted.

Of course it will be understood that this plate 1 and its coöperating parts, with respect to the guiding and positioning of a pile of paper such as 12 can be used with any type of printing press or any other device in which a number of sheets of material are to be held in any desired adjusted position. For these reasons various minor modifications may be made in the device without departing from the spirit of the invention.

What I claim is:

1. A feed table comprising a main plate having a plurality of slots therein, an auxiliary plate disposed over the main plate and having slots of smaller width disposed in alinement with the slots in the main plate, a nut disposed in each of the main slots, and a guiding rod vertically disposed with respect to the main plate and having a lower threaded portion extending into said slots and into engagement with said nut, said rod adapted to be threaded into said nut to engage the bottom of the slots in the main plate and to jam the nuts against the under face of the auxiliary plate whereby the rods may be rigidly positioned on the main plate.

2. A feed table comprising a main plate

having a plurality of slots therein, said slots having overhanging upper edges, a nut disposed in each of the slots beneath the edges thereof, a guiding rod vertically disposed with respect to the main plate and having a lower threaded portion extending into said slots and into engagement with the nut, the nut being adapted to be jammed up against the under face of the overhanging edges of the slot when the rod is turned in a definite direction whereby the rods may be positioned rigidly on the main plate.

ISIDOR BERKOWITZ.