A. SCAPICCHIO.

ADJUSTABLE QUADRAT FOR PRINTING PRESSES.

APPLICATION FILED MAR. 6, 1918.

1,300,028. Patented Apr. 8, 1919.

FIG. 1.

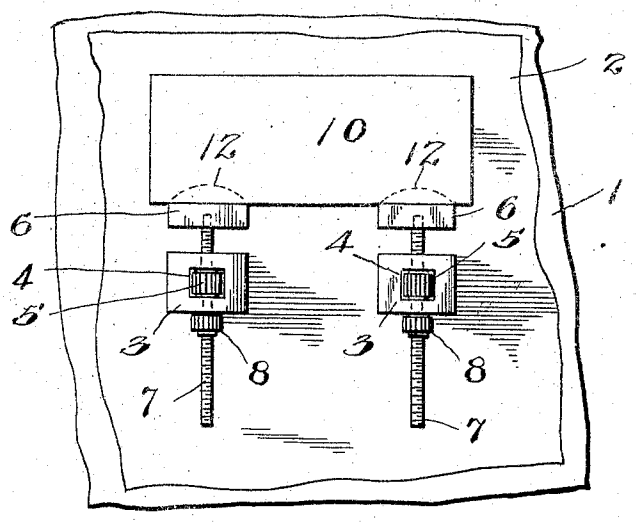


FIG. 3.

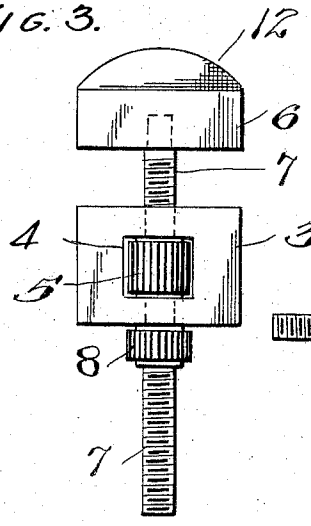
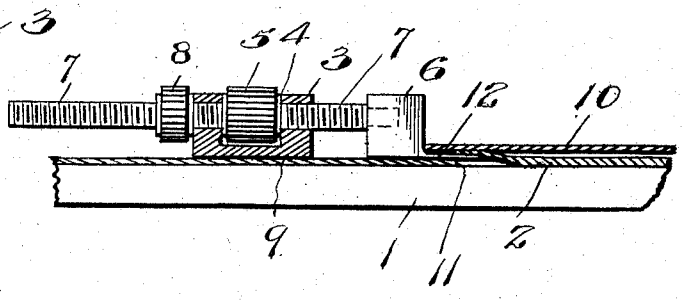


FIG. 2.



INVENTOR

Anthony Scapicchio

BY

Frederick V. Winters

ATTORNEY

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

ANTHONY SCAPICCHIO, OF ARLINGTON, NEW JERSEY.

ADJUSTABLE QUADRAT FOR PRINTING-PRESSES.

1,300,028. Specification of Letters Patent. Patented Apr. 8, 1919.

Application filed March 6, 1918. Serial No. 220,712.

To all whom it may concern:

Be it known that I, ANTHONY SCAPICCHIO, a citizen of the United States, residing at Arlington, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Adjustable Quadrats for Printing-Presses, of which the following is a full, clear, and exact specification.

This invention relates to printing presses and especially to means for supporting cards or blanks in proper position on the tympan of the platen to insure the impression being made straight on said card or blank.

It is the aim of the invention to provide supporting means of this kind, to be hereinafter called quadrats, which are adjustable to bring the card or blank into exact parallel relation to the type, irrespective of the precise positions of said quadrats on the tympan. Consequently, when this invention is used, it is not necessary to place the quadrats so carefully on the tympan, and once placed it is not necessary to move them but simply to adjust them in order to accommodate the card or blank to an uneven or slightly inclined line of type.

The invention will be first hereinafter described in connection with the accompanying drawings, which constitute part of this specification, and then more specifically defined at the end of the description.

In the accompanying drawings, wherein similar reference characters are used to designate corresponding parts throughout the several views:—

Figure 1 is a plan view of a part of the tympan of a platen of a printing press, showing a pair of the adjustable quadrats mounted thereon and supporting a card.

Fig. 2 is a section on the line II—II of Fig. 1, on an enlarged scale, and

Fig. 3 is an enlarged detail view of one of the quadrats.

In Figs. 1 and 2, 1 designates the platen and 2 the tympan or cover of paper or cloth thereon. Each of the quadrats comprises a body portion 3 having a central recess 4 in which is loosely fitted a milled nut 5. A head member 6 is rigidly mounted on one end of a screw-threaded pin 7 which passes loosely through the body portion 3 about centrally of the recess 4 and operatively engages in the nut 5. Rotation of the nut will, therefore, move or adjust the screw rod or pin 7 and head 6 with respect to the body member 3. Another nut 8 is mounted on the screw pin outside of the body portion and acts as a lock for holding the pin in adjusted position by being turned up against said body.

The body portions of the quadrats are designed to be glued or otherwise secured to the face of the tympan 2 as illustrated in Fig. 2 at 9. In order to insure the head 6 lying flat on the tympan and to prevent the card 10 from working down between said head and tympan, a thin flange or lip 12 is formed on said head projecting therefrom and is inserted in a slit 11, Fig. 2, in the tympan.

The quadrats are preferably used in pairs, as shown in Fig. 1 so that one end of the card 10 may be raised or lowered with respect to the other in order to bring the card as a whole in proper parallel relation to the type (not shown). More or less of the quadrats may, however, be used as may be necessary or desirable without departing from this invention.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent of the United States is:—

1. In a device of the character described, the combination with the tympan of a printing press platen, said tympan having a slit therein, of a card supporting device comprising a body portion secured to the tympan, a head for engaging the card, said head having a flange extending its full width and engaging the slit in the tympan so that the outer edge of said flange is covered by said tympan, and means for adjusting the head with respect to the body.

2. In a device of the character described, the combination with a tympan of a printing press platen, said tympan having a slit therein, of a card supporting device comprising a body portion secured to the tympan, a head for engaging the card, and a flange extending the full width of the head and engaging the slit in the tympan so that the outer edge of said flange is covered by said tympan, means for gradually moving the head with respect to the body for making fine adjustments, and means for locking said head in adjusted position.

In testimony whereof I have signed my name to this specification.

ANTHONY SCAPICCHIO.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."