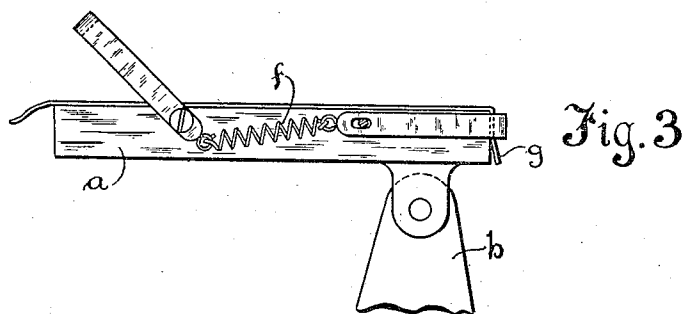
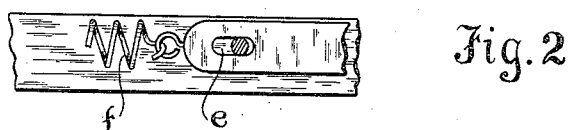
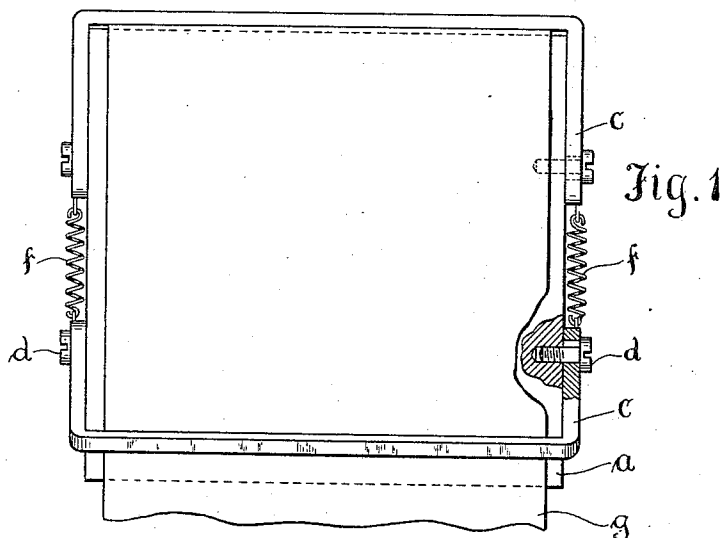


No. 868,241.

PATENTED OCT. 15, 1907.

J. C. A. ANDERSON.
TYMPAN BALE.

APPLICATION FILED JAN. 14, 1907.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN C. A. ANDERSON, OF CHICAGO, ILLINOIS.

TYMPAN-BALE.

No. 868,241.

Specification of Letters Patent.

Patented Oct. 15, 1907.

Application filed January 14, 1907. Serial No. 352,321.

To all whom it may concern:

Be it known that I, JOHN C. A. ANDERSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Tympan-Bales, of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to tympan bales or bands and has for its object the provision of an improved means for fastening the bale or band to the platen when used for printing purposes.

Generally speaking my invention provides apparatus whereby cushion paper of different thicknesses may be placed on said platen and securely held in place by my improved bands without the use of any tools, the means for holding being automatically adjusting in their character.

I will describe my invention more in detail by reference to the accompanying drawing illustrating one embodiment thereof in which

Figure 1, represents a top view of the platen with one of my improved adjusting bale bands in place and the other ready for application. Fig. 2, illustrates a broken side view more clearly to show features of construction. Fig. 3, represents a complete side view of the platen and bale shown in Fig. 1.

Referring to the drawing I show the body *a* of the platen pivotally supported upon the post *b*. This platen is used in printing presses and the paper upon which it is desired to print is laid on the platen and the entire platen then moved against the type, or vice versa.

It is not advisable to lay the paper which is to be printed directly on the metal surface of the body *a* and therefore sheets of paper or pads called the tympan and used for cushioning purposes are placed beneath the paper which is to be printed on. It offers many difficulties to place the proper thickness of cushion paper on the body *a* for different work and hold it securely in place by the present devices as used in the art.

By virtue of my improved device any thickness of

paper can be permanently or removably mounted on the platen and held in place with the least expenditure of work and the articles to be printed can then be properly introduced and the work properly carried on. I will describe a specific constructional form which my invention may take.

For the purpose of providing means which permit of different thicknesses of paper being securely fastened to the body *a*, I use a C shaped arm or bale band which is pivotally held on the body *a* by means of two screws *d d*. The screws *d* preferably project through an elongated slot *e*, so that the bale bands *c, c* besides being allowed a rotary motion are permitted to move longitudinally of the body *a*. Springs *ff* are used to pull the bales *c* centrally, thus that when they are in the position shown, for instance, at the right hand side of Fig. 3, the said bale will be drawn toward the end of the body *a*.

It will be seen that the strips of paper *g* can be of any thickness and placed on the body *a* and by pushing the bales *c c* down over them, said arms will clamp the paper in place by virtue of the tension of the springs *ff* tending to draw them centrally longitudinally.

The great advantage of thus being permitted to re-adjust the thickness of the tympan paper will be at once apparent to those skilled in the art, as great saving of time results.

Having thus described the preferred embodiment of my invention what I claim as new and desire to secure by Letters Patent is:

In a printing press a platen consisting of a table for supporting cushioning paper, a rotatable band automatically adjustable longitudinally of said table for holding various thicknesses of said paper, slots provided in said band to permit of said adjustment, and a spring for causing the automatic adjustment of said band.

In witness whereof, I hereunto subscribe my name this 29th day of December A. D. 1906.

JOHN C. A. ANDERSON.

Witnesses:

PAUL H. WOODRUFF,
MAX W. LABEL.