

G. F. HOLLAND.
 Book-Binders' Clamp.

No. 127,882.

Patented June 11, 1872.

Fig. 1.

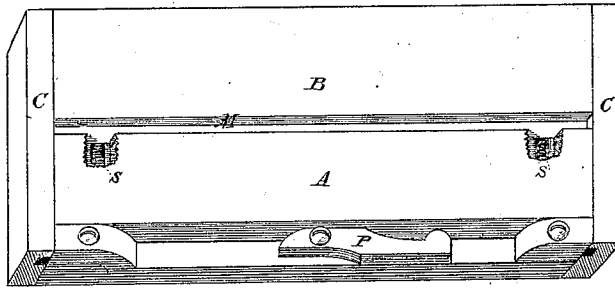


Fig. 2.

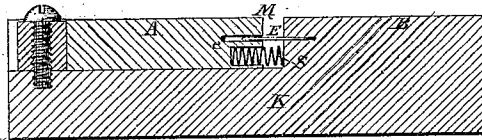
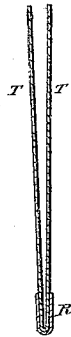


Fig. 3.



Witnesses.

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UNITED STATES PATENT OFFICE.

GILBERT F. HOLLAND, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN BOOK-BINDERS' CLAMPS.

Specification forming part of Letters Patent No. 127,882, dated June 11, 1872; antedated May 28, 1872.

To all whom it may concern:

I, GILBERT F. HOLLAND, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Binding-Machines, of which the following is a specification:

The Nature and Object of the Invention.

The nature of my invention consists in combining with a clamping device a depth-plate and suitable operating device, the whole to act as a folder to fold the edge or back binding upon the book, and then to compress it sufficiently to produce proper adhesion and smooth work.

Description of the Accompanying Drawing.

Figure 1 is a plan of the machine. Fig. 2 is a cross-section of the same. Fig. 3 shows a card folded in book form and bound.

General Description.

K, Fig. 2, represents the base to which the other parts are attached. B is a buttress made fast to the base K, and forms one side of the folding channel M. E is a depth-plate made fast to the buttress B, and extending, as shown, so as to form a bottom for the channel M. A is a movable jaw, provided with a slot, *e*, Fig.

2, in which the depth-plate E extends. This jaw A is thrown back by springs S, one of which is shown in Fig. 2, and is moved forward by the cam-lever P.

To use my machine I proceed as follows: The book, pamphlet, or folded card T T, Fig. 3, is first made ready for the binding R. The binding R is pasted and laid over the groove M, which must be of width and depth to suit the work to which it is applied. Now the book is pressed carefully down upon the binding and into the groove M. This operation causes the binding to fold up onto the sides, as shown at R, Fig. 3. Now, if the jaw A is forced hard up it will clamp the binding firmly onto the book and complete the operation.

This machine is usually made of sufficient length to take in a number of books at each operation.

I claim as my invention—

The combination of the buttress B, the jaw A, and depth-plate E with the operating device P, substantially as described, and for the purpose set forth.

GILBERT F. HOLLAND.

Witnesses:

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