

*B. B. Hill,
Hand Stamp.*

No 47821.

Patented May 23 1865

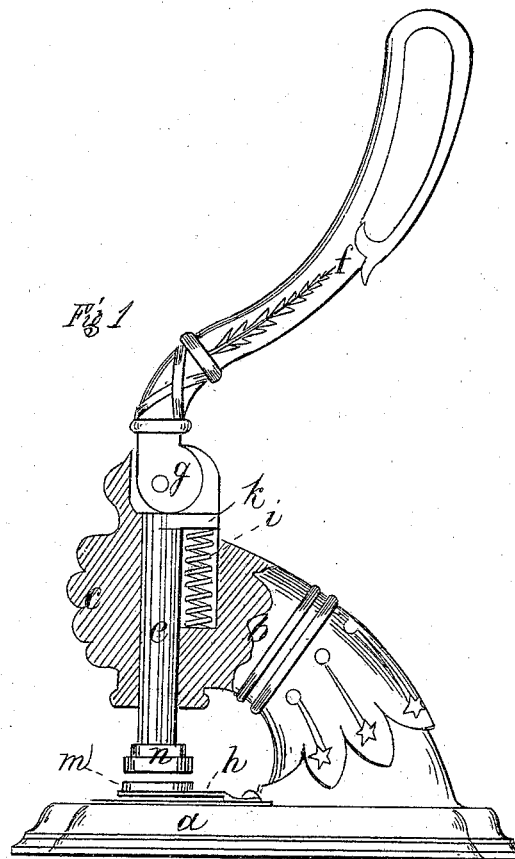
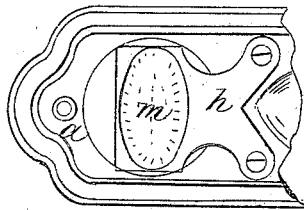


Fig. 2.



UNITED STATES PATENT OFFICE.

B. B. HILL, OF CHICOPEE, MASSACHUSETTS.

IMPROVEMENT IN EMBOSsing AND SEAL PRESSES.

Specification forming part of Letters Patent No. 47,821, dated May 23, 1865.

To all whom it may concern:

Be it known that I, B. B. HILL, of Chicopee, county of Hampden, and State of Massachusetts, have invented a certain new and useful Improvement in Embossing and Seal Presses; and I do hereby declare that the same is described and represented in the following specification and drawings; and to enable others skilled in the art to make and use the same, I will proceed to describe its construction by referring to the drawings, in which the same letters indicate like parts in each of the figures.

The nature and advantage of this improvement will be clearly understood from the accompanying specification and drawings, the object of which is to render such presses (those already in use as well as those to be made) more available in two or more particulars: first, in so making and arranging the mechanism as to allow both the upper and lower dies or plates on which the figures, characters, or letters are formed to be easily removed and others quickly and easily substituted therefor, and at the same time allow the figures, characters, or letters to be impressed upon the face side of an envelope without embossing or printing the two thicknesses composing the envelope.

In the accompanying drawings, Figure 1 is a side elevation, partly in section. Fig. 2 is a representation of a detached portion of the bed broken off just in front of the arm or stock, so as to give a top view of the fly-leaf *h*, on which the lower portion of the embossing stamp or die is secured, and also one of the many ways which said fly leaf may be secured to the platen. *a* is the bed. *b* is an arm, made to resemble a portion of a person's arm, with

the hand *c*. *e* is a spindle, having a pad, *k*, made on or secured thereto at the upper end, and projecting back therefrom, which serves partly for the lever *f* and cam *g* to act upon in forcing the spindle *e* downward, and also for one end of the spring *i* to take bearing to counteract and throw up the spindle as the lever *f* is lifted upward after an impression has been made. *n* is the upper die, secured by means of a stem into a socket in the lower end of the spindle *e*. *h* is a fly-leaf, secured by screws or other proper means to the bed *a* for the purpose of holding the lower die, *m*, secured thereon, in its proper place, clear from the bed and between the bed and the upper die, *n*, so that the folded part of the envelope may slip under the leaf and die and the face side over the die to receive the impression. Thus it will be seen that by this improvement an impression can be made upon one thickness of the envelope (without the other) without in any way deforming or altering the press itself therefor; also that the dies may be changed and others substituted in their place when desirable, and greater smartness imparted to its action.

I have thus endeavored to show the nature, object, and advantage of this improvement, so as to enable a person skilled to make the same therefrom.

I claim—

The employment of the fly *h*, arranged between the die *n* and bed *a*, substantially as and for the purpose described.

B. B. HILL.

In presence of—

G. H. KNUBB,
GEO. C. CHAPIN.