

*J. M. Wilbur,
Hand Stamp.*

No. 94368.

Patented Aug 31 1869.

Fig. 1.

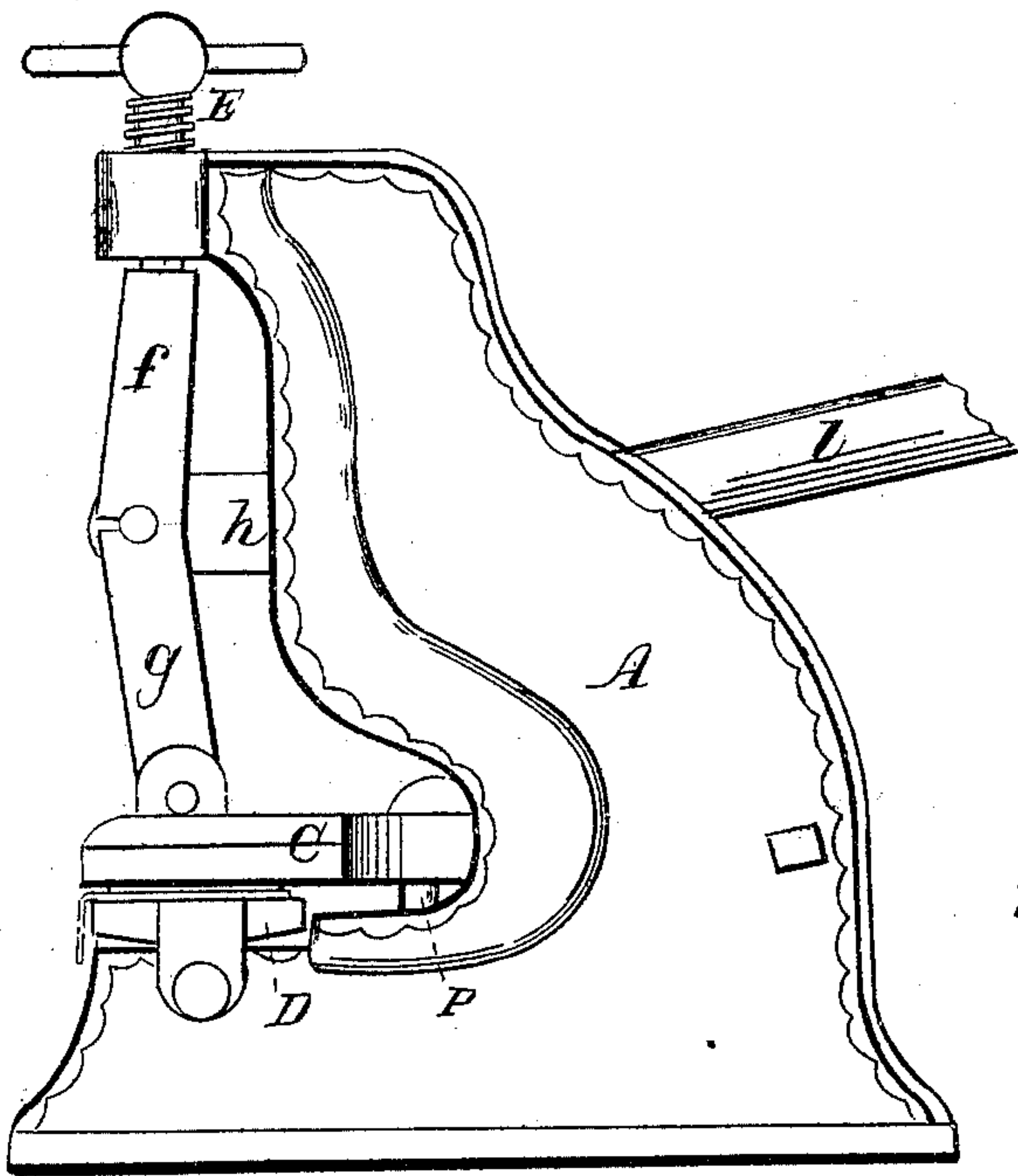
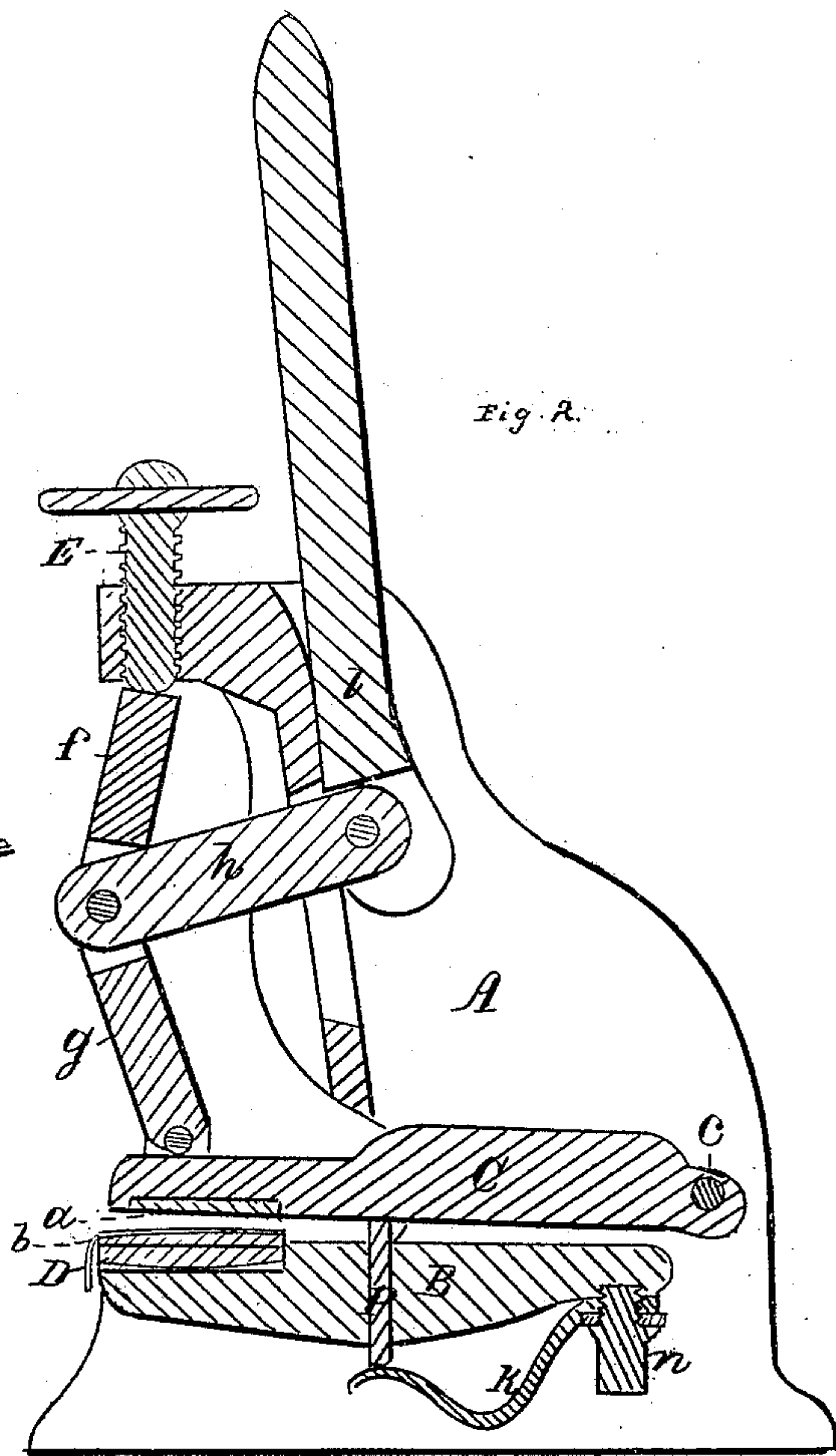


Fig. 2.



Witness

Geo. D. Tibbels

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JAMES M. WILLBUR, OF CLEVELAND, OHIO.

Letters Patent No. 94,368, dated August 31, 1869.

IMPROVEMENT IN EMBOSSING-PRESSES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, JAMES M. WILLBUR, of Cleveland, in the county of Cuyahoga, and State of Ohio, have invented certain new and useful Improvements in Embossing-Presses; and I do hereby declare that the following is a full and complete description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a side view.

Figure 2 is a vertical section.

Like letters of reference refer to like parts.

The nature of this invention relates to the construction of a simple and convenient press for embossing, to be used for stamping, in raised or embossed work, initial letters, monograms, seals, &c.; and consists of a combination of levers in such a manner as to obtain the requisite power in a compact and simple form.

In the drawings—

A represents a frame, of metal, of suitable form and size, divided in the central portion to give space for the play of the lever.

The frame has a bed, B, which connects the lower part.

Above the bed B is placed an arm, C, pivoted in and to the frame A, at *c*. The forward end of said arm C is made broad, and has a groove, into which a die, *a*, may be secured.

Under the front end of the arm C, and attached to the frame A, is a rocker-plate, D, which holds a counter-die, *b*, these dies having engraved in them any desired figures.

In the top of the frame A is placed a set-screw, E.

Between this set-screw E and the arm C, are placed levers *f g h*, connected, at their intersection, by a knee-joint.

The lever *h* is pivoted to a swinging-handle lever, *l*.

The lever *l*, at the lower end, where it connects with the lever *h*, is rounded, so as to form a cam.

Underneath the bed B is secured a spring, *k*, by a screw, *n*.

Through the bed is a hole, in which a pin, P, plays, between the arm C and spring *k*, the spring operating upon it to raise the arm C, when the pressure is removed, separating the dies.

This press is very simple, and cheap in construction, and being strong and powerful, is well adapted for the purpose for which it is designed.

I do not claim separately either the hinged arm which carries the die, or the toggles, link, and lever for operating the same, as I am aware that when so considered, these features are not new; but

What I claim as my improvement, and desire to secure by Letters Patent, is—

The employment, in an embossing-press, in connection with the hinged arm C, carrying the die of the toggles *f g*, link *h*, and cam-lever *l*, all constructed and arranged substantially as herein described, whereby an increasing and continuing pressure is applied to the arm C, thus making a perfect impression.

Also, in combination with the hinged arm C, carrying the die of an embossing-press, the pin P and spring *k*, the toggles *f g*, link *h*, and cam-lever *l*, and the regulating-screw E, all constructed, arranged, and operating substantially as and for the several purposes herein specified.

Also, the described arrangement in an embossing-press of the hinged arm C, carrying the die, the rocking platen D *b*, pin P, and spring K, the toggles *f g*, link *h*, and cam-lever *l*, and the regulating-screw E, all mounted in a frame, A B, and constructed to operate substantially as herein set forth.

J. M. WILLBUR.

Witnesses:

GEO. W. TIBBITTS,

GEO. HESTER.