S. LARKIN.
Seal-Press.

No. 200,548. Patented Feb. 19, 1878.

Fig. 1.

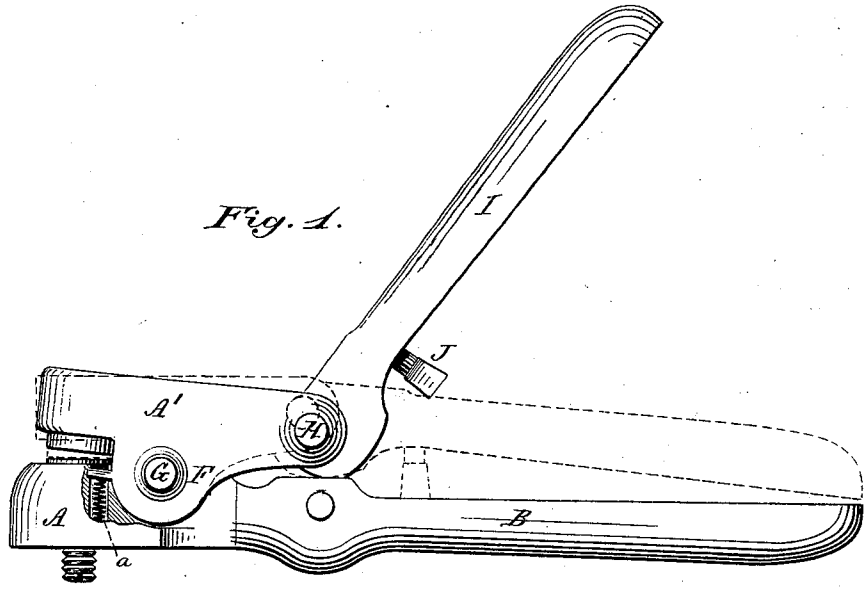
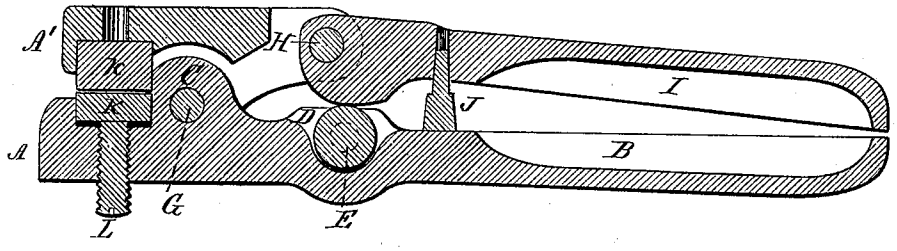


Fig. 2.



Attest:
John Tyler.
Jno. J. Bonner.

Inventor:
Saml. Larkin
By Atty, Wm. C. & W. Entire

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

SAMUEL LARKIN, OF BRIDGEPORT, CONNECTICUT.

IMPROVEMENT IN SEAL-PRESSES.

Specification forming part of Letters Patent No. **200,548**, dated February 19, 1878; application filed September 29, 1877.

To all whom it may concern:

Be it known that I, SAMUEL LARKIN, of Bridgeport, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Seal-Presses; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making a part of this specification.

My invention relates to certain new and useful improvements in seal-presses for compressing metallic baggage-seals, &c.

It has for its object simplicity and economy in construction, and also great power and ready adjustment; and with these objects in view, my invention consists of a seal-press one jaw of which is pivoted to the other and to its operating lever or handle in rear of the fulcrum, and operated by contact of the cam-face of one handle with a rotating bearing arranged upon the other, as will be hereinafter more fully set forth.

To enable others skilled in the art to which my invention appertains to make and use the same, I will proceed to describe its construction and operation, referring by letters to the accompanying drawing, in which—

Figure 1 is a plan or side view of a press embodying my invention, the dotted lines indicating the positions of the several parts when the metallic seal has been operated upon; and Fig. 2 is a central longitudinal vertical section of the same.

Similar letters indicate like parts in both views.

A A′ are the two biting-jaws, one of which, A, is formed with a prolongation or handle, B, and with a central web or bearing, C, and countersink or cavity D, to receive an anti-friction roll, E, journaled at each end to the walls of the cavity D. This jaw A, on one side and in front of the web C, is formed with a vertical cavity, *a*, adapted to receive a small spiral spring, as clearly shown at the cut-away portion of Fig. 1.

The upper jaw A′ is formed with two wings, F, adapted to straddle the web C of jaw A, to which it is secured by means of a horizontal screw or bolt pivot G. This jaw A′, instead of being formed with a handle, as is the case with jaw A, is pivoted by a suitable bolt, H, to a handle, I, which is formed at its pivoted end with a nose or cam bearing upon the top surface of the anti-friction roller E. On one of the wings or cheeks F is a short teat, which is adapted to come in contact with and compress the spiral spring located in the cavity in the front end of jaw A, when the jaws are caused to approach each other in the act of compressing a seal, and tending to open or separate them when pressure is relaxed from the handle.

J is a cutting tool or knife for trimming the ends of the wire as they become untwisted or ragged, in order that they can freely pass through the holes formed in the lead seal to receive the wire. The biting ends of the jaws A A′ are formed with suitable cavities adapted to receive plain or ornamental steel dies K K, and one or both jaws are furnished with adjusting-screws L, by means of which the dies K may be raised to compensate for wear, &c.

I have shown in the drawing only one of these screws, the upper jaw being simply bored centrally, in order to permit the introduction of any suitable tool for driving out the die when it is desirable to replace it by one of different design.

It will be observed that very great power is exerted by the upper handle I to raise the rear and depress the forward end of the upper jaw A′, which rocks upon the pivot-bearing G.

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

In combination with the jaw A and handle B, provided with anti-friction roller E, the jaw A′ and handle I, formed separately, and pivoted to each other and the jaw A at H G, respectively, the pivoted end of the handle I being formed with a cam-face, the whole arranged and operating substantially as and for the purposes set forth.

In testimony whereof I have hereunto set my hand and seal this 21st day of September, A. D. 1877.

SAMUEL LARKIN. [L. S.]

In presence of—

DAVID B. LOCKWOOD,

CHARLES W. COX.