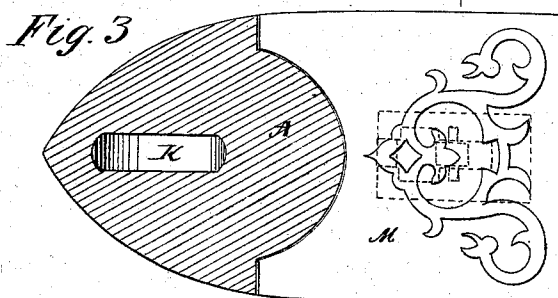
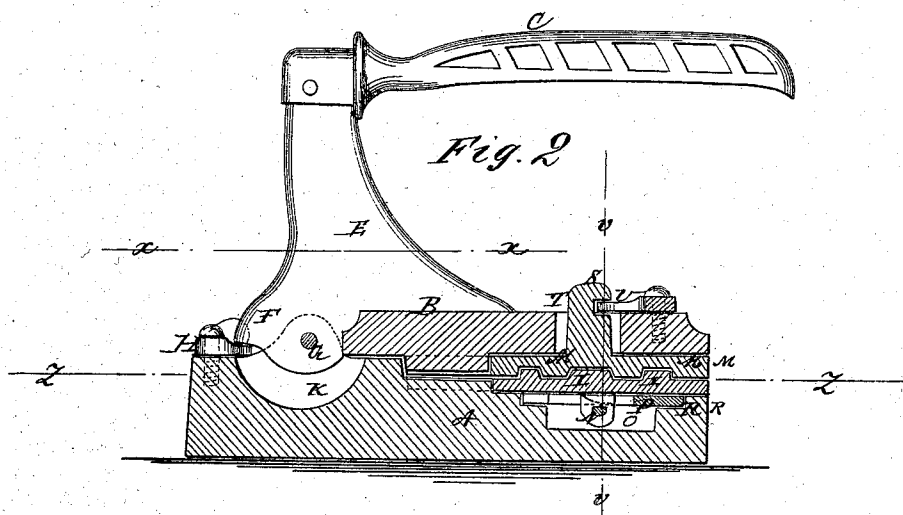
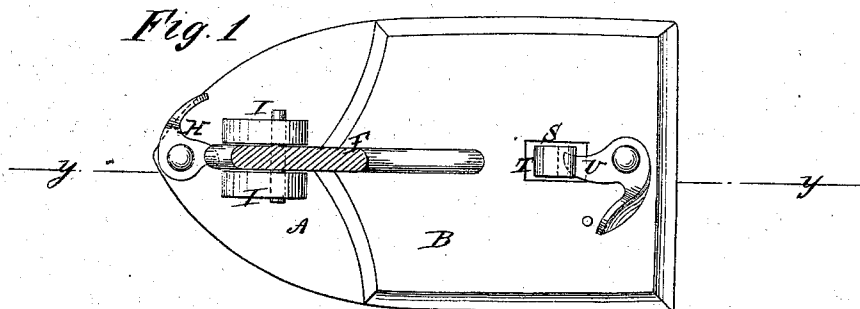
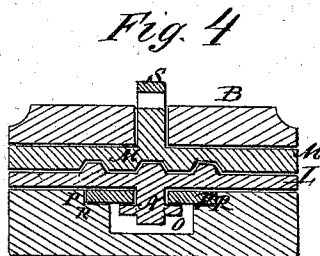


F. MYERS.
Sad and Embossing Iron Combined.
 No. 136,613. Patented March 11, 1873.



Witnesses:
R. A. Van Rensselaer
L. B. Platt Jr.



Inventor:
Frederick Myers

UNITED STATES PATENT OFFICE.

FREDERICK MYERS, OF NEW YORK, N. Y.

IMPROVEMENT IN SAD AND EMBOSSING IRONS COMBINED.

Specification forming part of Letters Patent No. 136,613, dated March 11, 1873.

To all whom it may concern:

Be it known that I, FREDERICK MYERS, of New York, county of New York and State of New York, have invented an improved Combined Sad-Iron and Embossing-Iron, of which the following is a specification:

My invention consists of embossing-surfaces formed on the confronting faces or on plates attached to the said faces of the base-plate and handle-plate of a sad-iron, consisting of a base-plate and a handle-plate connected together, as hereinafter described.

Figure 1 is a horizontal section of my improved embossing instrument taken on the line *x x* of Fig. 2. Fig. 2 is a longitudinal sectional elevation taken on the line *y y* of Fig. 1. Fig. 3 is a horizontal section taken on the line *z z* of Fig. 2, and Fig. 4 is a transverse section taken on the line *v v* of Fig. 2.

A is the stand or base-plate, which is of metal, preferably iron, and large and heavy enough to serve the purposes of a stand for the support of the other parts, also for being heated on a stove or fire together with the handle-plate, and retaining heat sufficient for embossing skirt-borders and other ladies' wear, and it is constructed in the shape of a sad-iron, and finished or polished on the bottom and edges so that it can be used as such. B is the handle-plate, also of metal; it is mainly of the form of the base-plate so as to fit on the top of it symmetrically, but not quite so long nor so thick, though it may be if preferred. This plate has a handle, *c*, a suitable distance above it, by which to handle the instrument conveniently when hot, arranged horizontally and longitudinally over the center and attached by one end to the top of a standard, E, rising up from its point or front end. The base of this standard projects a little beyond the front end at F for pivoting it to the plate A, at G, near its point, also for projecting beyond the pivot for locking the two plates together firmly, by a button or key,

H. The pivot-pin is arranged in ears I, rising up from the surface or plate A, and between said ears there is a cavity, K, to allow the point F to swing down when the plate B is raised behind the pivot for introducing or removing the goods. L represents the embossing surface or plate of the base-plate, on which are raised figures or characters to be impressed on the goods. M represents the embossing surface of the handle-plate, in which are sunken figures or characters in counterpart of the raised figures of the base-plate. By preference these embossing surfaces are formed on detachable plates, so that figures or characters of different kinds and forms may be used interchangeably. For this purpose the base-plate and handle-plate are suitably recessed on their confronting faces to provide space for them, and they are detachably connected, the one L by a T-shaped projection, N, which drops into a recess, O, through a slotted plate, P, in a widened portion of the slot, and passes laterally into a narrow portion when the plate comes to its seat, so that the lugs forming the head of the T are held by the plate P. This plate P is fastened in another recess, R, by rivets, but it may be cast together with the base-plate if preferred. The plate M is fastened to the handle-plate by a standard, S, rising up from the back of it through a hole in plate B, and a button or key, V, on the top of the latter engaging the standard by a notch in the side.

I claim as my invention—

The combination of the base-plate A, handle-plate B, embossing-surface L of plate A, and embossing-surface M of plate B, the said plates being pivoted together as at G, and provided with locking devices F H, substantially as specified.

FREDERICK MYERS.

Witnesses:

R. A. VAN RENSSELAER,
L. B. PLATT, Jr.