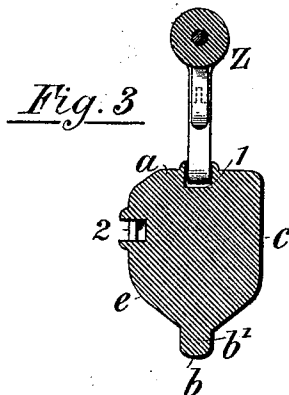
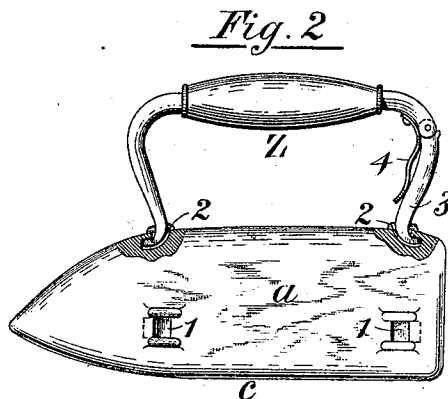
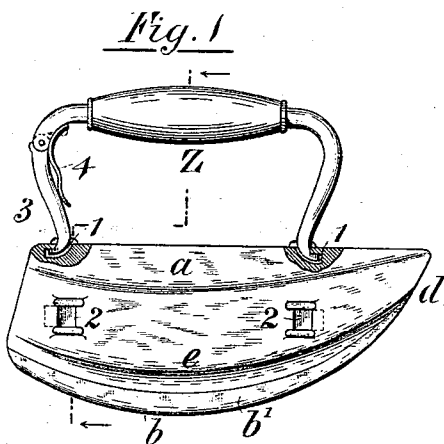


(No Model.)

M. V. TRUBE.
SAD IRON.

No. 520,583.

Patented May 29, 1894.



WITNESSES:
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UNITED STATES PATENT OFFICE.

MARGARET VIRGINIA TRUBE, OF BROOKLYN, NEW YORK.

SAD-IRON.

SPECIFICATION forming part of Letters Patent No. 520,583, dated May 29, 1894.

Application filed May 28, 1892. Serial No. 434,760. (No model.)

To all whom it may concern:

Be it known that I, MARGARET VIRGINIA TRUBE, a citizen of the United States, residing in the city of Brooklyn, Kings county, in the State of New York, have invented a certain new and useful Improvement in Sad-Irons, of which the following is a specification.

This invention relates to sad-irons, or flat-irons, of the class more especially used for ironing and pressing garments, and has for its object to produce an iron which will thoroughly and efficiently perform the work of an ordinary sad-iron and a polishing-iron, and, at the same time, embody a device especially suited and adapted for the ironing and pressing out of seams, hems, tucks and other parts of garments and fabrics, and for use in all cases where it is only necessary, or desirable, to iron press or set a small or narrow part of a surface without interfering with any but the immediate part of the article requiring to be operated upon.

My invention consists of the construction herein set forth in the description and claims.

The most important part of my invention is a ridge, rib or projection upon one of the surfaces of my sad-iron, extending substantially from toe to heel, and to be used for ironing or pressing seams. This, with the other parts of the invention, will be fully understood from the following detailed description, having reference also to the accompanying drawings forming part of this specification.

In said drawings similar letters and numerals of reference indicate like parts in the several figures.

Figure 1 is a side elevation, with parts in section, of my improved iron with the handle in the position it occupies when the seam-ironing surface is to be used. Fig. 2 is also a side elevation with parts in section, with the handle in the position it occupies when plain ironing, pressing or polishing is to be done. Fig. 3 is a transverse section of the iron shown in the first two figures.

The body of the iron is preferably an approximation of the shape shown, the top surface *a* having recesses, or sockets, 1, 1, for the toes of the separable handle *Z* (to be hereinafter more particularly described) and *b* is

the bottom or seam ironing surface, being the face of a rib, *b'*, projecting from the body of the iron any required distance, and extending substantially from toe to heel, being preferably longitudinally curved, as shown in Fig. 1, to adapt it to this style of sad-iron.

c is a plain ironing surface occupying one of the longest sides of the body, and intending to be used for ordinary ironing purposes independent of the seam-ironing surface *b*. When this plain surface *c* is to be used, the handle *Z* is removed from the recesses or sockets 1, 1, and placed so as to engage in another pair of sockets 2, 2, constructed in the iron-body upon the side immediately opposite, or above, the ironing surface *c*, and at right angles, or approximately so, to the sockets 1, 1, on the top face *a*, which latter position is indicated in Fig. 2.

d is a flattened portion of the toe of the iron (where the rib *b'*, merges, or is drawn down into the body), which is used for ordinary fine polishing work, and *e* is a rounded supplementary surface which may be conveniently used for pressing out creases which may exist in a garment adjacent to the seam, and the like, which supplementary surface can be brought into play when the handle is in the first named position, or that occupied when the seam-ironing surface *b* is being used, by simply tilting the iron to one side.

The handle *Z* is made preferably of a wooden sleeve mounted upon a rod bent into somewhat the form shown, and having to act against a fixed spring 4, which spring serves to keep the toe 3 within the recess in the iron, as shown clearly in Figs. 1 and 2. This pivoted toe 3 fits into the recess nearest the heel of the iron, so that in the operation of ironing the main strain is upon the front part of the handle.

I do not limit myself to the above described handle arrangement, as many other forms may be used with like effect.

It will be seen that all the desirable features of a pressing and polishing sad-iron are preserved in an iron embodying my construction, and in addition thereto I have provided an element long sought for by tailors, dress-makers, laundresses and others, whereby seams, tucks and the like may be quickly and accurately pressed out without encroaching

upon the fabric of the garment beyond the immediate point requiring to be ironed. Another useful result attained by my invention is that seams and tucks of fine silks, satins, plushes and velvets may be readily ironed and pressed out by simply removing the handle, laying my improved iron upon a table with the rib *b'* and its ironing surface *b* uppermost, and then taking such a fabric in the hands and drawing the reverse side of the folded or seamed portion the required number of times, and with the required pressure, along the seam-ironing face described, thus preserving the face or nap of such fabrics intact, which cannot be easily accomplished by any of the forms of iron with which I am acquainted.

Various changes may be made in the construction of my iron without departing from my invention.

What I claim, and desire to secure by Letters Patent, is as follows:

1. A sad-iron comprising a detachable handle and a body portion having two ironing surfaces, one of which consists of a raised seam-pressing rib formed integrally with the body portion and curved longitudinally, said body portion being provided with suitable

catches for engagement with the handle, substantially as set forth.

2. A sad-iron having a raised seam-pressing rib formed integrally with its body portion, curved longitudinally, substantially as set forth.

3. A sad-iron comprising a detachable handle and a body portion provided with catches adapted to receive the handle, and having a plurality of integral smoothing surfaces, one of which consists of a raised seam-pressing rib curved longitudinally, substantially as set forth.

4. A sad-iron provided with a plain ironing surface *c*, polishing point or surface *d*, seam ironing surface *b*, duplicate fastening devices 1, 2, and a detachable handle, substantially as set forth.

5. The sad-iron herein described, consisting of a body having ironing or pressing surfaces *b*, *c*, *d* and *e*, handle fastening devices 1, 1, and 2, 2, and a detachable handle, combined and arranged substantially as set forth.

MARGARET VIRGINIA TRUBE.

Witnesses:

ROBT. A. KELLOND,
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