

EDWARD B. ROBINSON.

Improvement in Smoothing Irons.

No. 124,219.

Patented March 5, 1872.

Fig. 1.

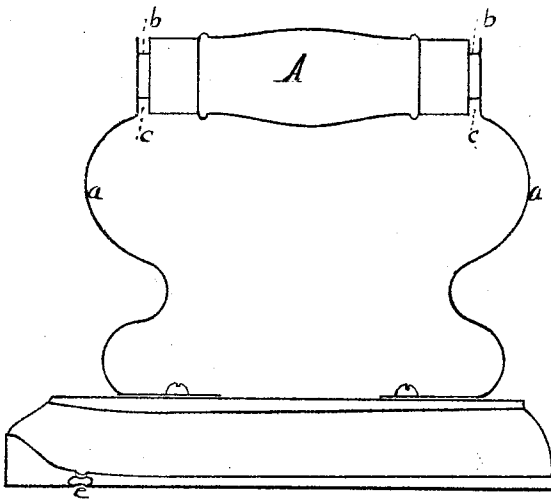


Fig. 2.

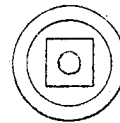


Fig. 4.

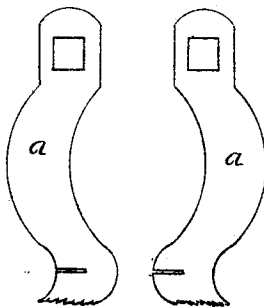
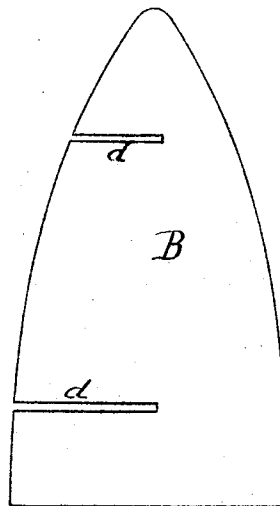


Fig. 3.



Witnesses

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EDWARD B. ROBINSON, OF PORTLAND, MAINE.

IMPROVEMENT IN SMOOTHING-IRONS.

Specification forming part of Letters Patent No. 124,219, dated March 5, 1872.

To whom it may concern:

Be it known that I, EDWARD B. ROBINSON, of Portland, in the county of Cumberland and State of Maine, have invented a new and useful Improved Flat-Iron; and I hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing which is made a part of this specification, in which—

Figure 1 shows a side elevation of my invention; Fig. 2, an end view of the handle. Fig. 3 is a top view of the reflector. Fig. 4 is a view of the notches in the standards of the handle.

One of the chief difficulties in the use of flat-irons is known to be the heating of the handle, so that the iron cannot be held in the hand without a cloth or some other article wrapped around the same to protect the hand or keep the heat from communicating with and burning it. It will be observed that the handle itself does not come in contact with the supports *a a*, but there are left minute spaces *c c* between the ends of the handle and the inside of the supports *a a*, so as to allow air to circulate between them, and prevent, in some degree, communication of heat to the handle when the iron is hot. Thus I get circulation of air through the handle *A* itself and around a larger portion of its ends.

My improvement relates to the reflector *B*. This is made of a single piece of metal, concave toward the body of the iron and convex toward the handle. It has slits *d d* to admit the supports *a a* edgewise, so as to allow it to pass over the top of the iron; and, moreover, there are slits *e e* in the supports themselves, to allow the sheet metal of the reflector to en-

ter therein, and thus aid to sustain the reflector and keep it steadily in its place. The reflector can be, as perceived, easily slipped on and off, so that one can serve for a number of irons, being only put on when the iron is in use.

My improvement relates to a device for ironing around buttons on shirts and other articles, and enables the person using the iron to render the cloth smooth, even under the button itself. This is effected by a small indentation, *e*, on the body of the iron, near the bottom edge, or at a sufficient distance to allow the button as commonly applied to enter therein, and thus allow the wire to pass over the cloth under the button, and smooth it in the same manner and to the same degree as other parts of the garment. This recess may be made on both sides of the iron-body, or it may consist of a groove running around the iron, or any equivalent device to effect the purpose. The handle *A* is removable by the springing apart of the standards or supports. The projections merely fitting the holes in the standards the same can be easily slipped out for packing, transportation, or other purposes.

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

The flat-iron as herein set forth, having in combination the removable non-conducting handle *A*, attached, as described, by the supports *a a*, projections *b* with the spaces *c c*, and the reflector and indentation *e*, all combined as herein set forth.

E. B. ROBINSON.

Witnesses:

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