

FREDERICK MYERS.

Improvement in Sad and Polishing Irons.

No. 123,119.

Patented Jan. 30, 1872.

Fig. 1.

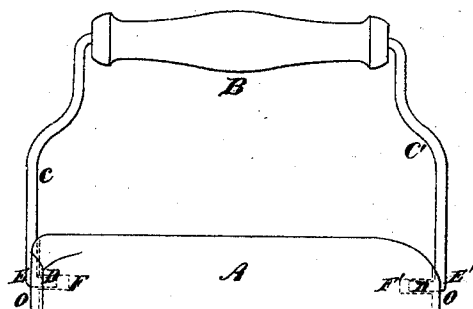


Fig. 2.

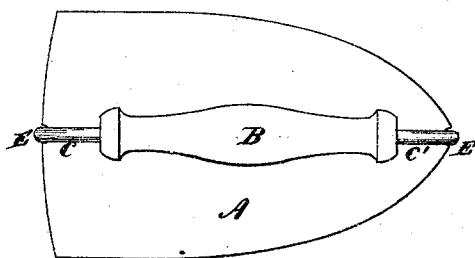
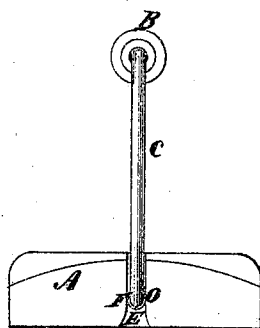


Fig. 3.



Witnesses.

R. A. Van Rensselaer,
C. H. Robinson.

Inventor.

Frederick Myers.

UNITED STATES PATENT OFFICE.

FREDERICK MYERS, OF NEW YORK, N. Y.

IMPROVEMENT IN SAD AND POLISHING IRONS.

Specification forming part of Letters Patent No. 123,119, dated January 30, 1872.

To all whom it may concern:

Be it known that I, FREDERICK MYERS, of the city, county, and State of New York, have invented a new and Improved Reversible Combined Sad and Polishing Iron; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

My invention consists in constructing a reversible combined sad and polishing iron, having an upper and lower polished face, so that one may be used as a sad-iron and the other as a polishing-iron for shirt-bosoms, &c.

Figure 1 in the drawing is a side elevation of my reversible combined sad and polishing iron. Fig. 2 is a plan view of the same, and Fig. 3 is an end view.

Similar letters of reference indicate corresponding parts.

A is the reversible combined sad and polishing iron plate, made of cast-iron or any suitable metal, shaped in the form of and finished on one side to correspond with the ordinary sad-iron, the other side having the edges rounded off and finished to correspond with the ordinary polishing-iron. B is the handle, having two arms, C C', constructed of any suitable metal sufficient to maintain its proper shape, the said arms being bent at the ends, forming hooks D D' for pivoting the said handle to the plate A at O O'. The plate A is provided with two recesses, one at the heel-end and the other at the toe-end, marked E E'. At the center of each recess is a hole, marked F F', which is made of sufficient size and depth to receive the hooks D D' of the arms C C'. The said arms are bent in such a manner as to give them sufficient spring and elasticity to prevent the hooks D D' from becoming disengaged from the holes F F', and firmly hold the handle in its proper position when the arms rest within the recesses,

and, at the same time, relaxing sufficiently to allow the plate A to be reversed when desired. The recesses E E' are constructed in size and form to correspond with the wire used to construct the arms so as to hold them firmly.

When the iron is used as a sad-iron the flat surface is used, and for polishing the rounded face is used, either of which can be used, as desired, by reversing the plate A. To accomplish this, sufficient pressure is applied upon the right or left side of the handle B, so as to disengage the arms from the recesses E E', and revolving the plate A until the arms again come in contact and engage or rest therein, when it is ready for use.

I do not wish to confine myself to the particular construction of the parts whereby I am enabled to use an upper and lower face, as I may construct the iron so as to dispense with one of the polished faces, and construct a sad or polishing iron separate from each other, having one side left unfinished to be placed upon the stove when the iron is to be heated, which prevents the polished surface from being scratched or otherwise getting injured.

I am aware that it is not new to make a reversible iron, but the mode of locking the handle and combining a sad and polishing iron I think is new; and

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The reversible combined sad and polishing iron A, having a recess or groove at each end E E', and holes F F', in combination with the handle B having two arms, C C', provided with a hook, D D', pivoted at O O', substantially as and for the purposes herein set forth.

FREDERICK MYERS.

Witnesses:

J. ATKINSON,
R. A. VAN RENSSELAER.