

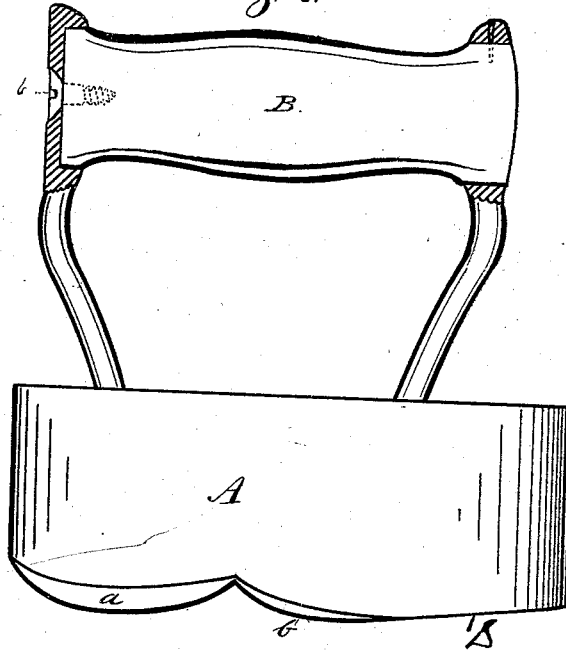
T. D. WEST.

Sad-Iron.

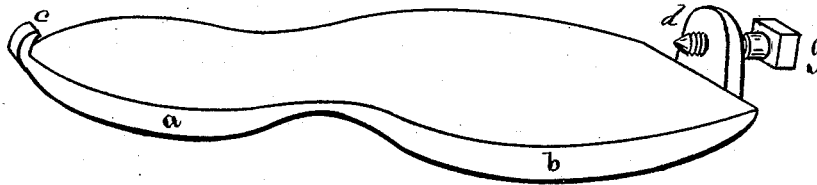
No. 168,859.

Patented Oct. 19, 1875.

*Fig. 1.*



*Fig. 2.*



Witnesses:

*H. B. Tibbitts*

*J. Wilson*

Inventor:

*Thos. D. West*

*By Geo. W. Tibbitts atty.*

# UNITED STATES PATENT OFFICE.

THOMAS D. WEST, OF CLEVELAND, OHIO.

## IMPROVEMENT IN SAD-IRONS.

Specification forming part of Letters Patent No. **168,859**, dated October 19, 1875; application filed April 21, 1875.

*To all whom it may concern:*

Be it known that I, THOMAS D. WEST, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Combined Sad and Polishing Irons; and I do hereby declare the same to be a full, clear, and exact description of the same, reference being had to the drawings herewith, which form a part of this specification.

My invention relates to an improvement in combined sad and polishing irons.

In the drawings, Figure 1 is a side elevation of my invention. Fig. 2 shows, in perspective, a detachable bottom for an ordinary flat-iron.

My invention consists in the following parts and combinations, as hereinafter specified and claimed, wherein A is the body of the iron, upon the under surface of which is provided both the ironing-surface D and burnishing points or angles *a b'*.

It will be observed that the plane of the ironing-surface D and a plane drawn from the extremity of burnishing-point *b* to the extremity of burnishing-point *a'*, would be at an angle, one plane to the other, sufficiently so, at least, that, when the body of the iron is resting upon its ironing-surface D, the polishing or burnishing points *a b'* will not be in operation; but, upon simply tilting the body A of the iron upon the burnishing-point C, (which forms one terminus of the ironing-surface D,) the burnishing-points *a b'* will be brought into operation without the necessity of lifting the body of the iron at all, as is the case when only a single polishing-point is provided.

I am aware that a device is in existence which is simply two burnishing-points fixed upon a suitable body and handle; but to said device there is no ironing-surface attached. I am also aware that a combined sad and polishing iron is not broadly original with myself; but I am not aware that any device such as herein described has ever before been known or used.

As an attachment to any ordinary sad-iron, a removable bottom or shoe may be provided,

as shown in the drawings, and this bottom or shoe shall have a lower face or surface of similar description, as hereinbefore specified, as provided upon the body of the iron, so that, when fixed in any suitable way upon the bottom of any common sad-iron, said sad-iron shall be capable of performing the functions of a device according to my invention.

The method of attaching the handle to the sad-iron is also a part of my invention, and provides a means whereby the wooden handle is readily attached to the iron frame, and is readily removable and replaced when burned or otherwise destroyed. It consists, as shown in the drawings, of a suitable piece of wood that is of a diameter sufficient to be thrust through the ring on one arm until it abuts against the flat surface upon the other arm, and is secured to this flat surface by a screw passing through from the outside. The opposite end is then dressed off even with the outside ring at the top of the other arm.

It is not necessary to explain this feature more particularly, as it is clearly apparent to any person skilled in the art, and is clearly shown in the drawings.

What I claim is—

1. A combined sad and polishing iron, provided with the ironing-surface D and polishing or burnishing points *a b'* upon its under face, substantially as shown.

2. The combined sad and polishing iron herein described, having its bottom face provided both with ironing and polishing surfaces, the ironing-surface D being formed on a plane at an angle to the plane of the burnishing-points *a b'*.

3. The removable handle consisting of the combination of one arm provided with a ring formation, the other arm flat at the top, and provided with a recess for embracing the handle, and a screw, *b*, with the wooden handle B, all arranged substantially as described.

THOMAS D. WEST.

Witnesses:

GEO. W. TIBBITTS,  
ALFRED ELWELL.