

A. Ellison,
Sad Iron,
N^o 23,910, *Patented May 10, 1859.*

Fig. 1.

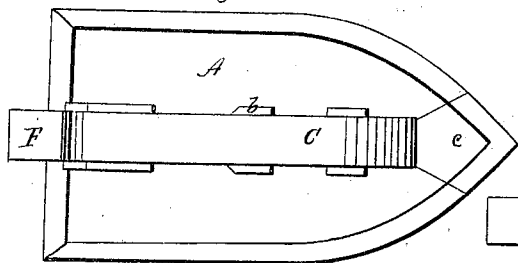


Fig. 4.

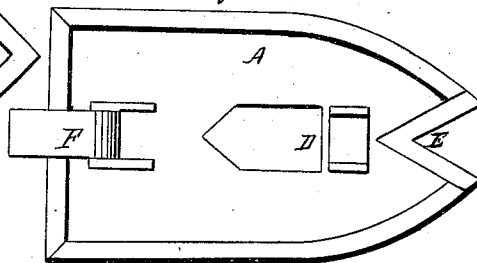


Fig. 2.

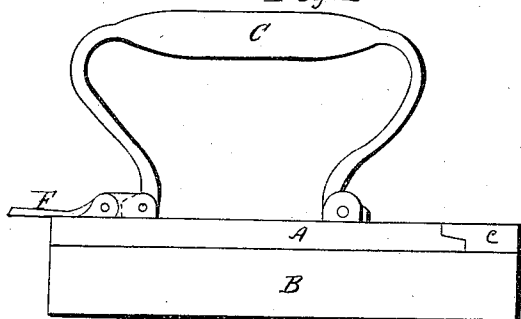


Fig. 5.

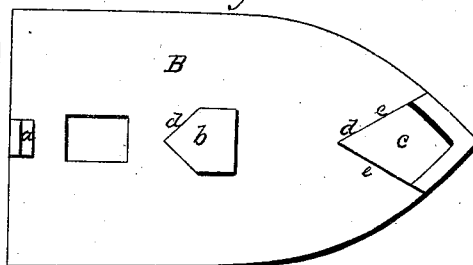


Fig. 3.

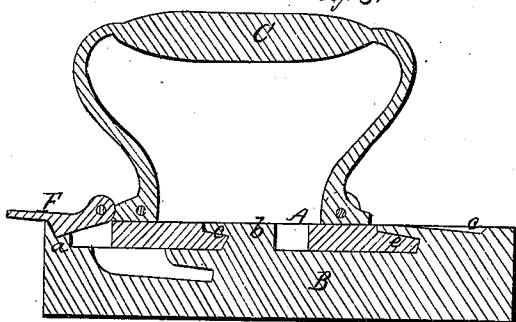
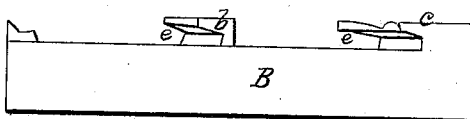


Fig. 6.



Witnesses

Laurence Lyons
Arthur Hill

Inventor.

Andrew Ellison.

UNITED STATES PATENT OFFICE.

ANDREW ELLISON, OF BOSTON, MASSACHUSETTS.

SMOOTHING-IRON.

Specification of Letters Patent No. 23,910, dated May 10, 1859.

To all whom it may concern:

Be it known that I, ANDREW ELLISON, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and
5 useful Improvement in Smoothing-Irons; and I do hereby declare that the same is fully described and represented in the following specification and the accompanying drawings, of which—

10 Figure 1, is a top view. Fig. 2, a side elevation. Fig. 3, a longitudinal section of a smoothing iron having my improvement. Fig. 4, is a top view of the handle plate as it appears when detached from the handle.
15 Fig. 5, is a top view of the smoothing block, while Fig. 6, is a side view of it.

The nature of my invention consists in an improved means or devices for applying the handle to the smoothing block.

20 It is not new to make the handle of a smoothing iron separate and detachable from the smoothing block. Therefore I do not claim the same.

25 In carrying out my invention I make the smoothing block or shoe B, (see the drawings) with three projections, *a*, *b*, *c*, extending from its upper surface, two of which are arranged at the toe and heel of the block while the other is arranged between them.

30 The middle and toe projections, or those marked *b*, *c*, are each formed angular in rear as shown at, *d*, *d*, and with a lip *e*, at each side of the angle. Furthermore, the handle plate A, (or that to which the handle, C, is
35 applied) is separate from the block, B, and is constructed with a slot, D, and an angular recess, E. The said slot is for reception of the locking guide, *b*, and is made somewhat

larger than such guide. The rear part of the slot is formed to receive the back part of the guide and to permit such back part to lap over it. So with respect to the angular
40 recess, E, it is formed to receive the projection, *c*, and to allow the same to lap on it. At the back part of the plate, A, a latch, E, is hinged and formed to operate with the projection *a*, in manner when in contact
45 with it as to prevent the plate A, from being moved rearward on the smoothing block. By lifting the catch out of contact with the projection, *a*, the plate, A, may be moved
50 backward so as to enable it and the handle to be disengaged from the smoothing block. The middle projection, *b*, being made with its opposite sides parallel and with an angular
55 recess, serves as a guide for the plate, A, during its forward movement toward the front and middle projection.

By means of the devices above described applied to the plate, A, and the block, B, the handle can be readily attached to or detached from the block the object of so detaching the two being to enable the block to be heated without at the same time heating
60 the plate A, and the handle.

I claim—

Attaching the handle plate, A, to the separate heater or block, B, by means of the guide, *b*, and slot, D, the angular recess, E, and lips, *e*, *e*, and the latching devices *a*, F,
65 constructed and arranged substantially as specified.

ANDW. ELLISON.

Witnesses:

R. H. EDDY,
F. P. HALE, Jr.