

(No Model.)

W. C. DIMMOCK.
SAD IRON.

No. 449,845.

Patented Apr. 7, 1891.

Fig 1.

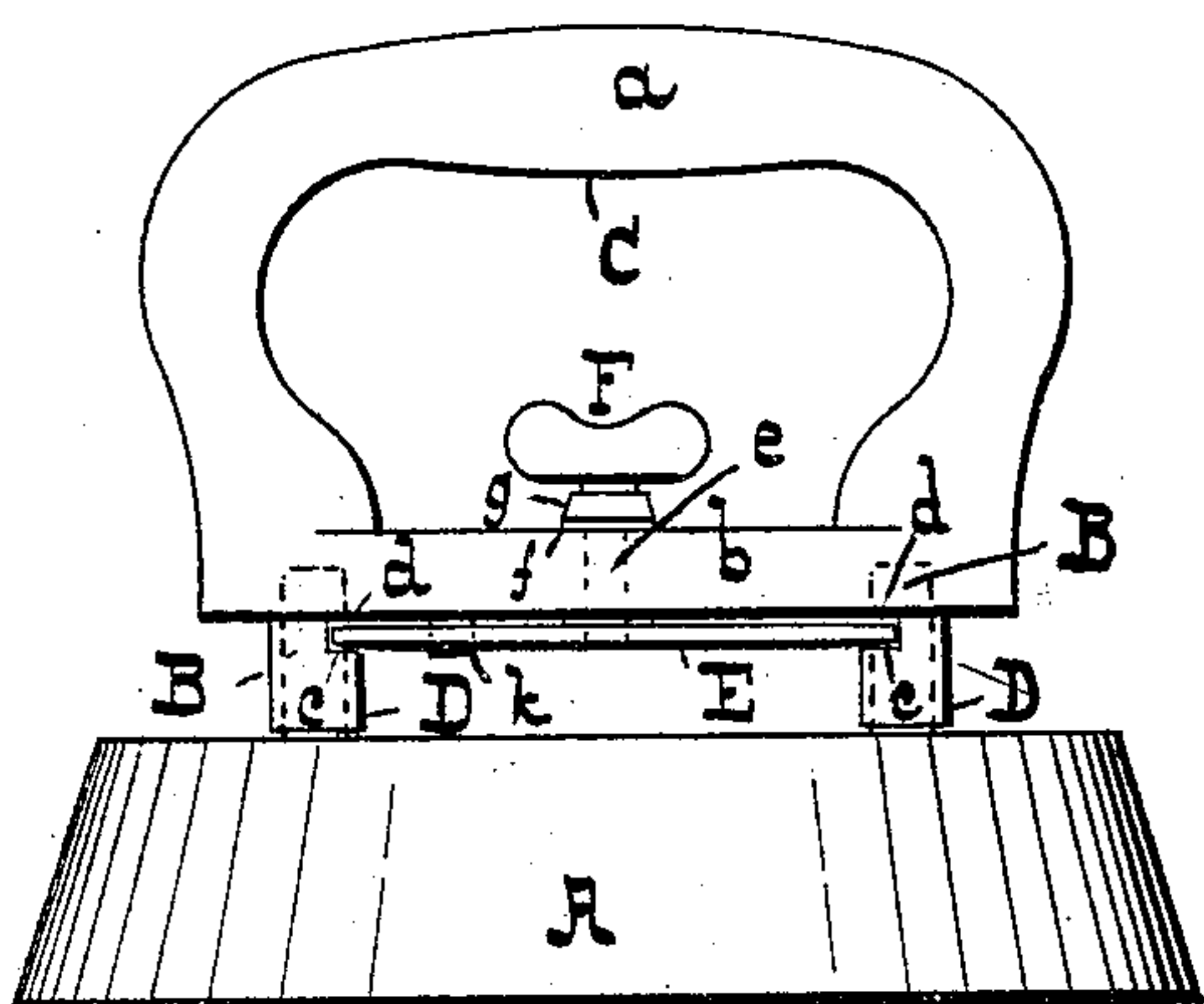


Fig 2.

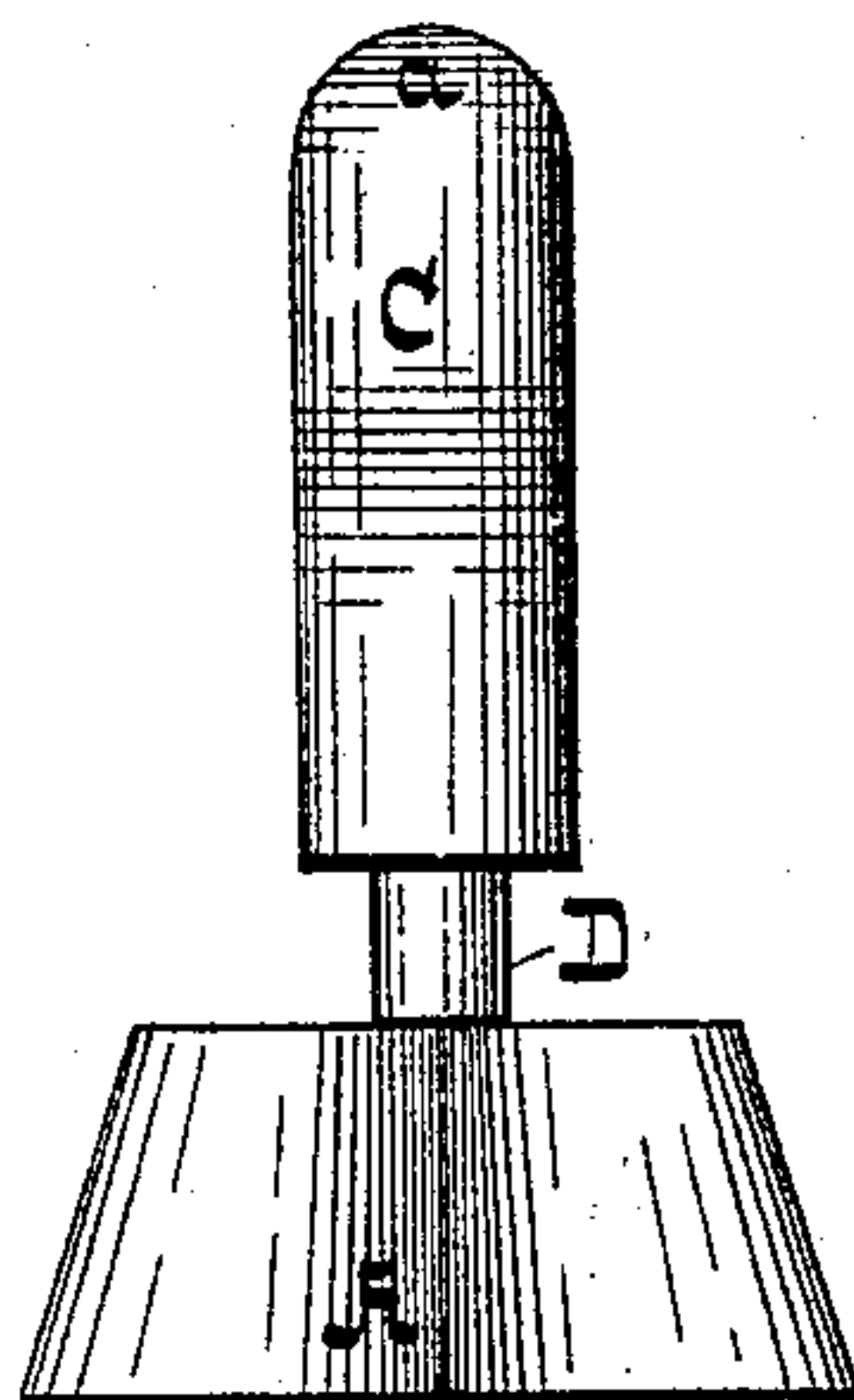


Fig 3.

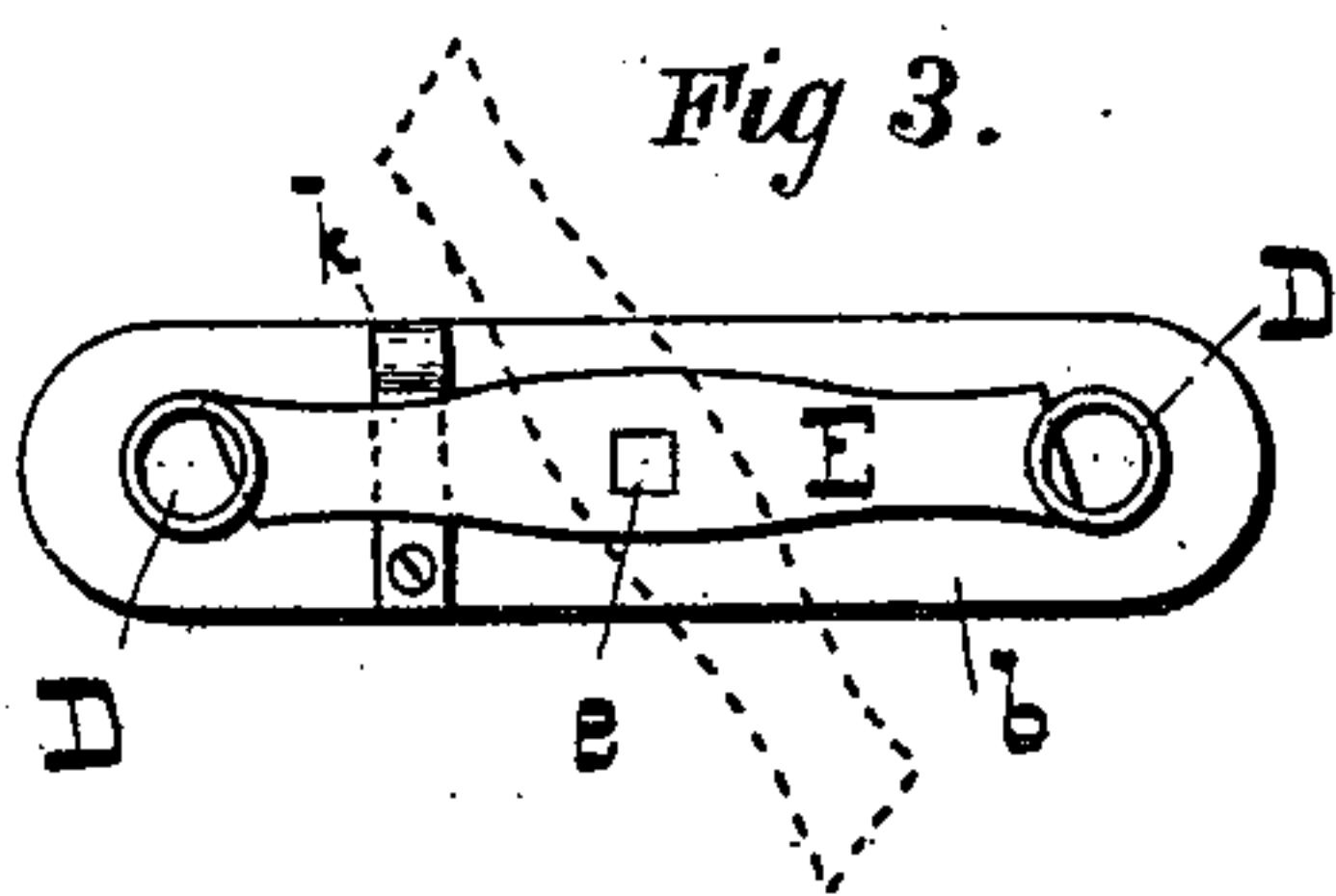


Fig 4.

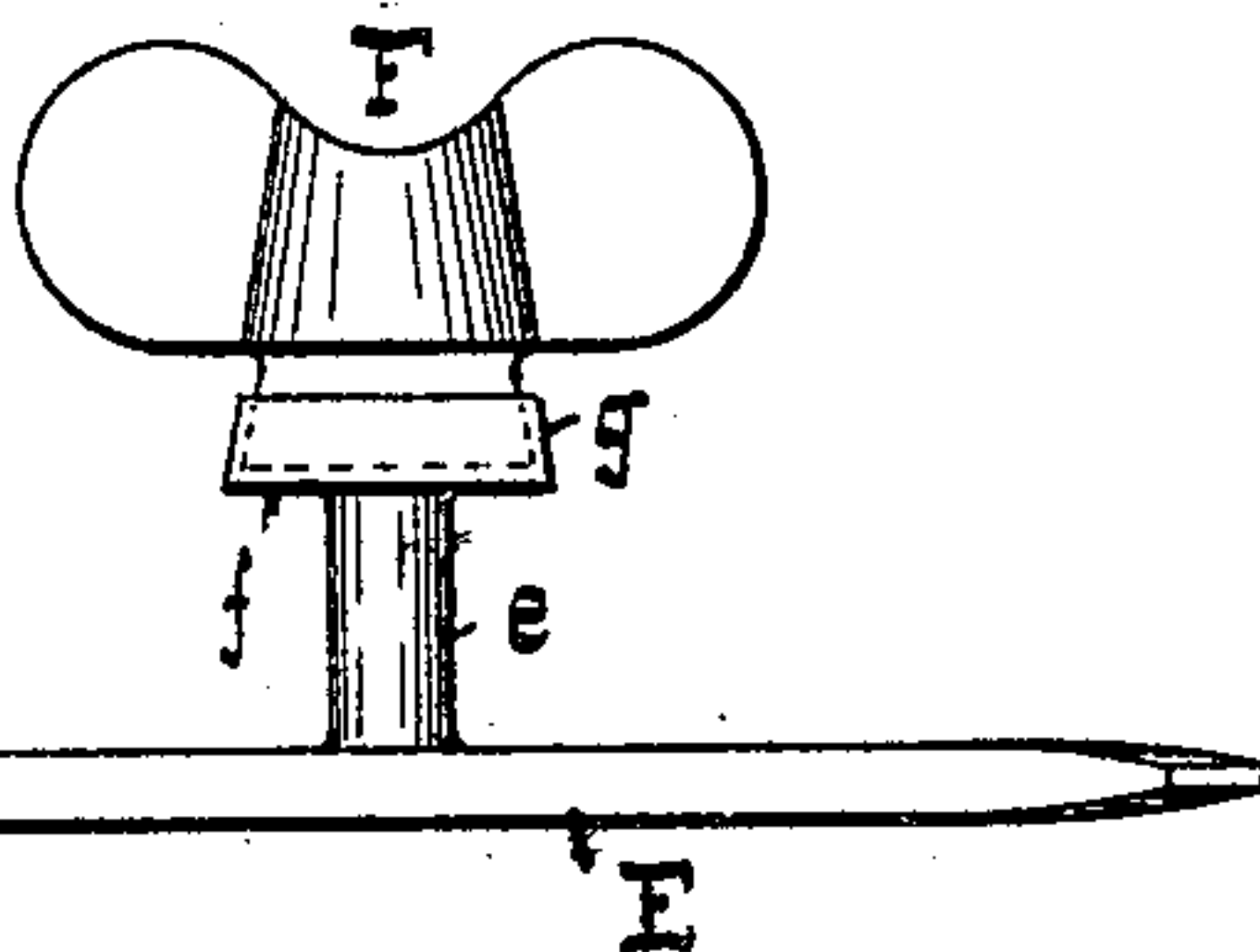
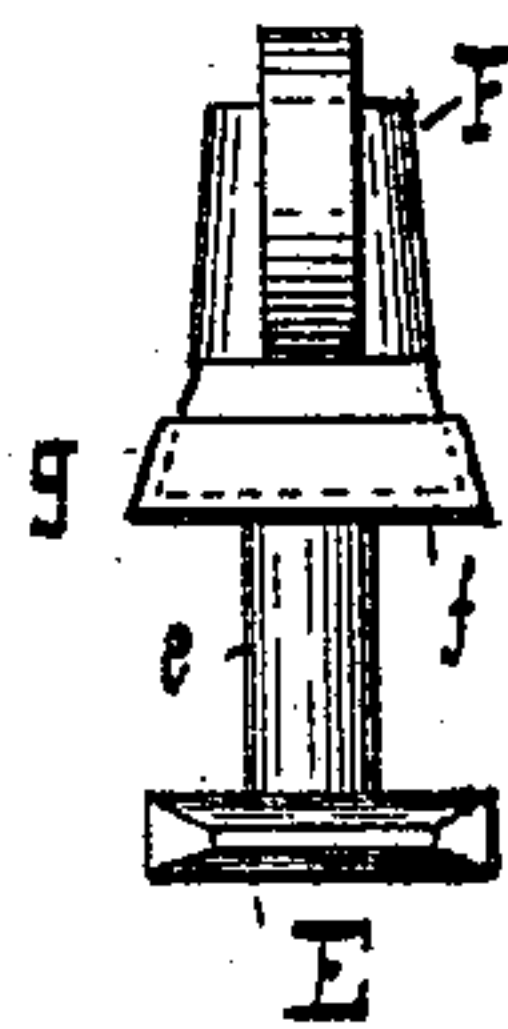


Fig 5.



-WITNESSES-

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UNITED STATES PATENT OFFICE.

WILLIAM C. DIMMOCK, OF BALTIMORE, MARYLAND.

SAD-IRON.

SPECIFICATION forming part of Letters Patent No. 449,845, dated April 7, 1891.

Application filed May 21, 1890. Serial No. 352,577. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM C. DIMMOCK, of the city of Baltimore, in the State of Maryland, have invented certain Improvements in Sad-Irons, of which the following is a specification.

This invention relates to certain improvements in that class of sad-irons in which the smoothing-block is provided with a detachable handle of some non-heat-conducting substance, such as wood; and it consists, principally, in the construction and arrangement of the devices whereby the wood handle is removably attached to the smoothing-block, as will hereinafter fully appear.

In the description of the said invention which follows, reference is made to the accompanying drawings, forming a part hereof, and in which—

Figure 1 is an exterior side view of the improved sad-iron, and Fig. 2 an exterior end view of the same. Fig. 3 is an under side view of the detachable handle. Figs. 4 and 5 are enlarged views of the locking devices without the handle.

In the drawings, A is the smoothing-block of the double-pointed kind.

B B are pins preferably formed of wrought-iron and cast in the block A. These pins project considerably above the upper face of the block in order to admit of the attachment thereto of the wood handle C, as hereinafter described.

The wood handle consists of the arched portion *a* and the cross or connecting piece *b*.

D D are tubes inserted in the handle C with their lower ends projecting therefrom, as shown. These tubes are of such size as to fit neatly over the pins B, and they are provided with slots *c*, which coincide with notches *d* in the said pins.

E is a latch-bar secured to a stem *e*, to the

upper end of which is attached a button F, preferably of wood, so as not to become heated. When the button is of wood, the preferred means whereby the stem *e* is attached to the same is a plate *f*, cast to or otherwise forming a part of the stem with its lateral edges *g* turned up against the sides of the button, which are dovetailed to make the connection permanent. The latch-bar is moved by means of this button to bring its ends through the slots *c* in the tubes D into the notches *d* in the pins, and thereby lock the smoothing-block to the handle. A small spring *k* serves to retain the latch-bar in this position, but it does not interfere with the said bar being turned out of the slots, as shown by the dotted lines in Fig. 3, when the handle is to be detached.

With the construction described the hand of the user is not liable to come in contact with any heated metallic surface, and the handle being elevated above the block very little heat radiated from it is communicated to the wood handle.

Obviously the invention is not limited to the precise material specified nor to the details of construction, except as specified in the claim.

I claim as my invention—

In combination with the smoothing-block having upwardly-projecting pins, a handle having a cross-piece, and tubes beneath the cross-piece adapted to receive said pins, the said tubes and pins being provided with registering slots and notches, respectively, a latch-bar pivoted to said cross-piece beneath the same, and an operating-button above the cross-piece, substantially as described.

WILLIAM C. DIMMOCK.

Witnesses:

WM. T. HOWARD,
DANL. FISHER.