(No Model.)

C. E. HAUCK.

FLAT IRON.

No. 345,135. Patented July 6, 1886.

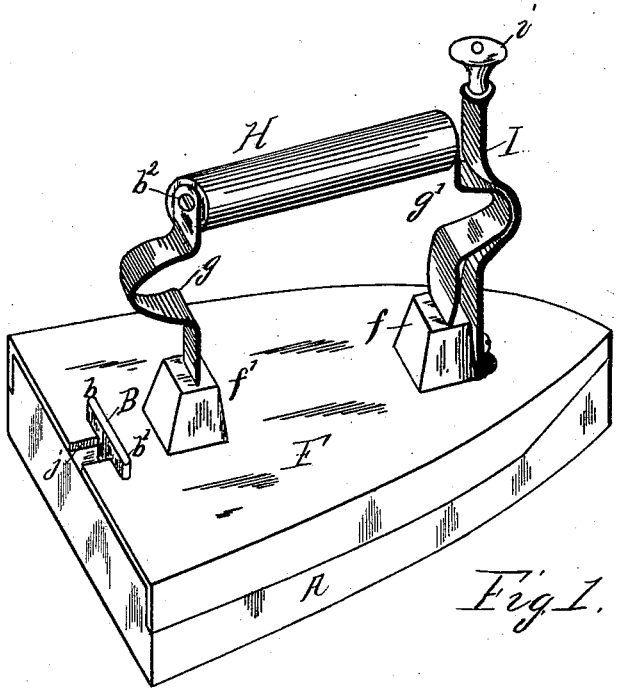

Fig. 1.

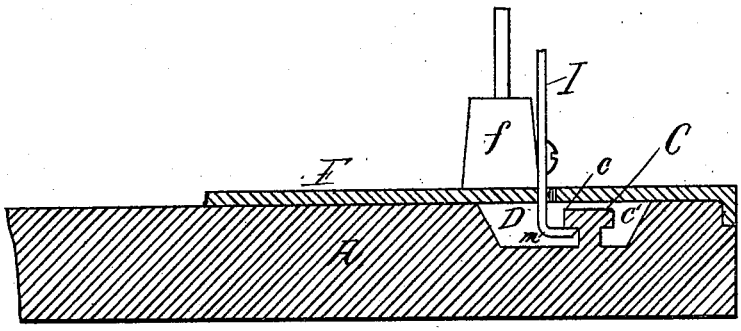

Fig. 2.

WITNESSES:

A. A. Moore,
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INVENTOR
Charles E. Hauck
BY
Connolly Bros
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UNITED STATES PATENT OFFICE.

CHARLES E. HAUCK, OF PITTSBURG, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO SAMUEL C. BROWN, OF SAME PLACE.

FLAT-IRON.

SPECIFICATION forming part of Letters Patent No. 345,135, dated July 6, 1886.

Application filed February 8, 1886. Serial No. 191,186. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. HAUCK, a citizen of the United States, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Flat-Irons; and I do hereby declare the following to be a full, clear, and exact description of the invention, reference being had to the accompanying drawings, which form part of this specification.

This invention has relation to flat-irons, and has for its object to provide a flat-iron with a detachable handle.

This invention consists in the construction, combination, and arrangement of parts, hereinafter more fully described and specifically claimed.

Referring to the accompanying drawings, wherein Figure 1 is a perspective, and Fig. 2 a sectional, view of a portion of my improved flat-iron, A represents the body of the iron proper, which is of cast metal of the usual and well-known shape of articles of that class. Upon the upper side of this casting are formed or cast integral therewith two lugs or projections, B C, one at or near the point and the other at or near the rear end of said iron. The lug B, at the rear end, has two shoulders, *b b'*, on a parallel line with the rear of the iron, while the lug C has two shoulders, *c c'*, at right angles to the shoulders *b b'* on the lug B.

The lug B is formed above the top of the iron, while the lug C is in a depression or mortise, D, so that the top of said lug will be on or about the line of the top of the iron.

The handle consists of the plate F, of the same shape as the body of the iron, and has lugs or projections *f f'*, cast or otherwise made or fastened thereon. To these lugs are attached the arms *g g'*, between which the hand-piece H, which is preferably made of wood or other non-conducting material, is fastened by screws or rivets b^2, passing through the arms *g g'* and into the ends of the hand-piece. The arms *g g'* may either have the curvature shown in the drawings or they may be perfectly upright.

To the lug *f* is pivoted the lever I, having on its upper end the button or thumb-piece *i*, and on its lower end the hook or L-shaped projection *m*, which, when the plate F is in position on the top of the iron A, will hook under one of the shoulders on the lug C. This lever I is pivoted to the lug *f* or arm *g* by a screw or rivet passing through a hole in said lever and securely fastened into said lug, or so that the lever can be rocked or turned on said pivot. The lower end of the lever I passes through a slot in the plate F and enters the mortise or recess D in the iron. At the rear of the plate F is provided a slot, *j*, through which passes the lug B, its shoulders *b b'* resting on the top of the plate F.

The plate F may, if deemed advisable, be provided with a flange on its two sides, and the iron A be provided with a corresponding depression, so that when the plate is in position on the iron it will be held more firmly in position.

The operation of the device is as follows: The plate F is placed in position on the top of the iron A, the lug B passing into the slot *j*, and the shoulders on said lug resting on the plate F, the lever I being turned on one side to permit the point thereof to pass the lug C. The plate F is then firmly pressed into position on the iron A, and the lever I, being returned to its vertical position, the hooked end thereof catches under the shoulder on the lug C and retains the plate in position.

While I have described the slot D as being at the rear of the plate F and the lever I at the front thereof, I do not confine myself to this specific construction, as I may reverse the position of the lever and slot without altering my invention.

What I claim as new is—

In a flat-iron, the combination, with the body having shouldered lugs and a recess on its upper surface, of a handle consisting of a hand-piece and arms *g g'*, carrying the plate F, having slot *j*, one of said arms being provided with a rocking lever having a hooked end, whereby said handle and body are attached together, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand this 5th day of February, 1886.

CHARLES E. HAUCK.

Witnesses:
JOHN F. ATCHESON,
A. A. MOORE.