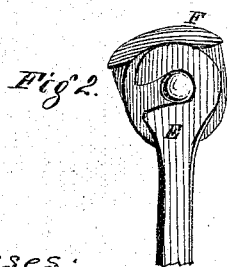
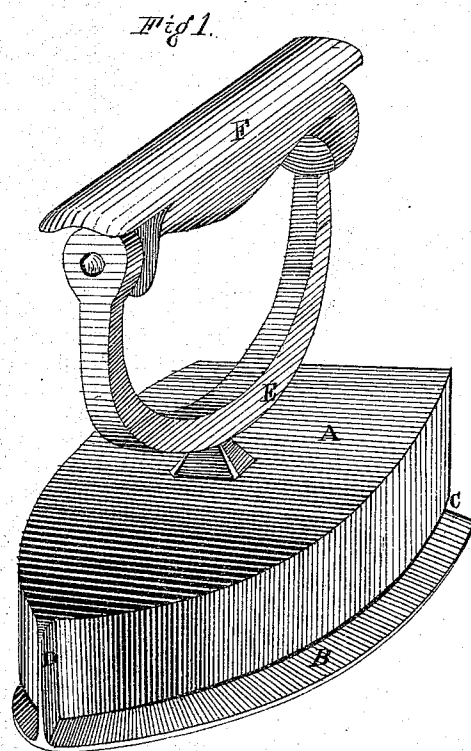


L. L. MIVELAR.

Smoothing-Irons.

No. 136,170.

Patented Feb. 25, 1873.



Witnesses;

E. F. Hager
J. M. Carr

Inventor.

Louis L. Mivelar

UNITED STATES PATENT OFFICE.

LOUIS L. MIVELAR, OF LOUISVILLE, KENTUCKY.

IMPROVEMENT IN SMOOTHING-IRONS.

Specification forming part of Letters Patent No. 136,170, dated February 25, 1873.

To all whom it may concern:

Be it known that I, LOUIS L. MIVELAR, of the city of Louisville, county of Jefferson and State of Kentucky, have invented certain new and useful Improvements in a Smoothing-Iron for the purpose of Ironing Clothes, of which the following is a specification:

This invention consists in an iron made somewhat similar to those now in use, except that it has a small flange around the lower edges (projecting about three-eighths of an inch from the sides) terminating in a sharp edge at the point which extends up the thickness of the iron, which iron is also provided with an adjustable handle, a portion of which is fastened permanently in the top of the iron and is made in the shape of a half-circle, the prongs of which stand up the usual height for a handle, and made sufficiently wide apart to receive the loose handle. This handle is made in a separate piece with pins cast in the ends, one of which enters a hole in the top of the front prong of the handle, while the other enters a similar hole by means of a slot in the side of the other. The object of this my invention is to provide an iron that will be at all times neat, cheap, and easily operated, and at the same time one that will not tear off the buttons of garments while in the process of ironing, which is generally the case with the old style of iron when used without my improvement; and also one the handle of which is not liable to be heated at the same time with the iron, but is so constructed as to be taken out while in the process, and thereby avoid the necessity of injuring the hands by accident or otherwise.

Figure 1 is a perspective of the iron, showing the flange at the sides and also the general arrangement of the handle. Fig. 2 is an end view of the handle, showing the slot in the side where the pin enters it.

In the drawing, A is the body of the iron, which is made similar in shape and size to the ordinary iron. B is a flange around the lower edges even with the bottom or face. This

flange is made to project about three-eighths of an inch from the iron, and is beveled down on the upper side nearly to a sharp edge and terminates in a sharp edge extending up the point of the iron. C is a small groove in the body of the iron at the base of the flange in order to prevent large buttons from being torn off by the iron. D is the termination of the last-named flanges where they form the point of the iron. E is the stationary part of the handle, which handle is made the usual height and nearly in the shape of half a circle, with rounded ends to the prongs and a hole through each in which to insert the pins of the loose handle, one of which holes is cut out at the side in order to permit the pin to enter from the side, and when in its place the loose handle is held firmly in its place by means of the eccentric form of the boss of the stationary handle where the projection of the loose handle rests on it, so that all that is necessary is to twist the handle slightly when in its place and it becomes fastened ready for use. F is the loose handle, which is made of cast-iron or other material, with small pins in the ends and a projection above them, as shown in the drawing, in order to keep the hand from coming in contact with the heated part of the handle and being injured thereby.

Having thus fully described the drawing, what I claim as new, and desire to secure by Letters Patent, is—

1. The flange B, terminating in the point D, in combination with the groove c and body A of the iron, when arranged, constructed, and operated substantially as and for the purpose set forth.

2. The combination of the stationary and loose handles E and F, as above described, when arranged, constructed, and operated substantially as and for the purpose hereinbefore set forth.

LOUIS L. MIVELAR.

Witnesses:

E. F. HUICK,
P. MCCAMA.