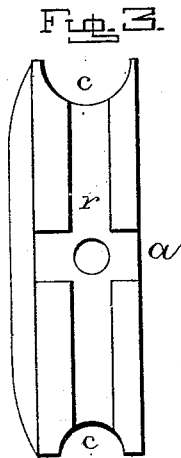
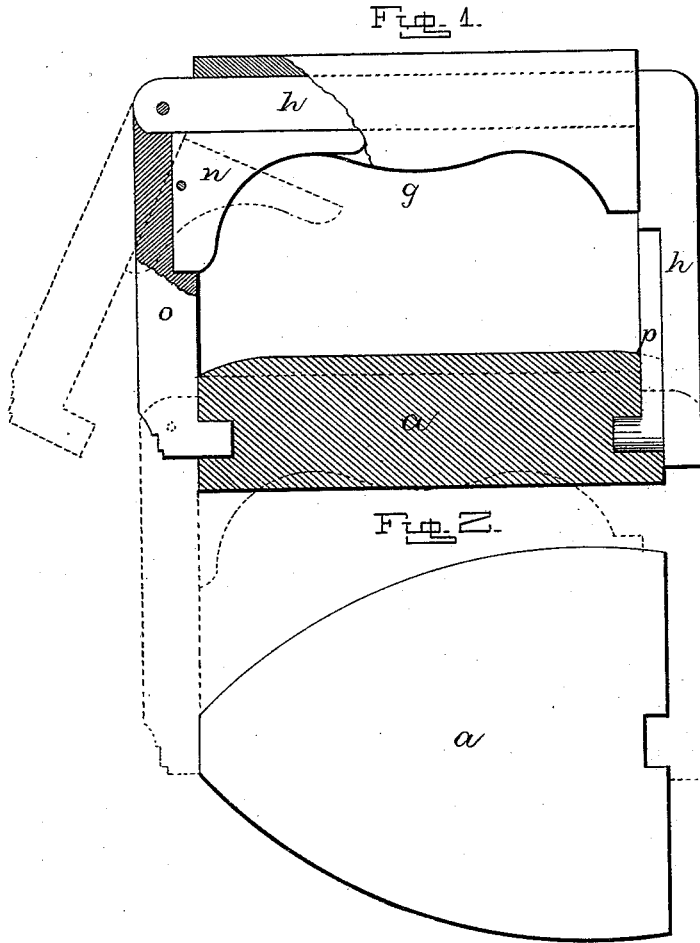


J. BRAUN.
Sud-Iron.

No. 213,317

Patented Mar. 18, 1879.



WITNESSES

Wm. Garner
William S. O'Brien

INVENTOR
Jos. Braun,
per
F. A. Lehmann,
Atty.

UNITED STATES PATENT OFFICE.

JOSEPH BRAUN, OF ROCHESTER, PENNSYLVANIA, ASSIGNOR OF ONE-HALF HIS RIGHT TO DAVID K. HILL, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN SAD-IRONS.

Specification forming part of Letters Patent No. **213,317**, dated March 18, 1879; application filed September 13, 1878.

To all whom it may concern:

Be it known that I, JOSEPH BRAUN, of Rochester, in the county of Beaver and State of Pennsylvania, have invented certain new and useful Improvements in Irons; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in irons such as are known as the "tailor's goose;" and it consists in a reversible iron having two flat sides and a groove in each edge for ironing pants.

It further consists in the peculiar construction of the handle, as will be more fully described hereinafter.

The accompanying drawings represent my invention.

Figure 1 is a side elevation of my iron, partly in section. Fig. 2 is a plan view of the iron alone, and Fig. 3 an end view.

a represents the iron, which will be made of any desired size or shape that may be preferred. One side of this iron is made perfectly flat, as is usual, while the other side is also made flat, but is provided with a rounding edge all around, so that it may be used very rapidly without any danger of catching in the cloth as it is being moved back and forth over it.

In each of the two edges of the iron are made the deep grooves *c*, which are made of unequal size, so as to fit over the edges of the former on which the article of clothing is being pressed and shaped. Heretofore it has always been very difficult to iron and press that part of the clothing which passed over the edges; but by means of these grooves I am enabled to finish those parts as well as any other.

In order to make the iron reversible, so that either one of its sides can be used, the handle *g* is made detachable. This handle *g* consists of the casting *h*, which forms the horizontal and one of the vertical pieces. Upon this horizontal portion is placed a wooden or other suitable handle, in the usual manner,

to prevent the hand from being burned. Pivoted to the front end of this horizontal portion is the second vertical piece, *o*, which has an arm or lever, *n*, projecting outward from its upper inner side, so as to extend back in a notch in the under side of the wooden handle, where the hand takes hold of it. As long as the hand has a firm hold of the handle, this lever or arm holds the vertical piece *o* in position, so that the projection upon its outer end catches in the notch made in the front end of the iron to receive it. When the lever or arm *n* is not thus held, this vertical part *o* can be opened outward, so that the handle can be instantly detached from the iron.

In the rear end of the iron *a* there is made a horizontal groove, *r*, of a shape corresponding to the inner side of the vertical part *p* of the handle. By means of this groove the iron can be turned upon its edge and the handle applied to it, so that the iron will stand upon its edge, and then either one of the circular grooves *c* can be brought into play.

Having thus described my invention, I claim—

1. An iron, *a*, having a flat top and bottom, so that either one can be used for ironing, and the two grooves *c*, of different sizes, in its edges, substantially as shown.

2. In combination with a revolving iron, the handle *g*, having a groove in its under side, a pivoted part, *o*, to catch in the iron, and a lever, *n*, fastened to the part *o*, the lever being made to project back under the handle, so as to be grasped by the hand, substantially as shown.

3. The iron *a*, having notches in each of its ends to receive the projections on the handle, the recess *r* in its rear end, and one or more grooves, *c*, in its sides, in combination with a removable handle having one of its ends capable of being moved outward to permit the iron to revolve, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 13th day of September, 1877.

JOSEPH BRAUN.

Witnesses:

WILL H. KERN,
W. S. D. HAINES.