A. Rudisill,

Sad Iron,

No. 20,445. Patented June 1, 1858.

Fig. 1

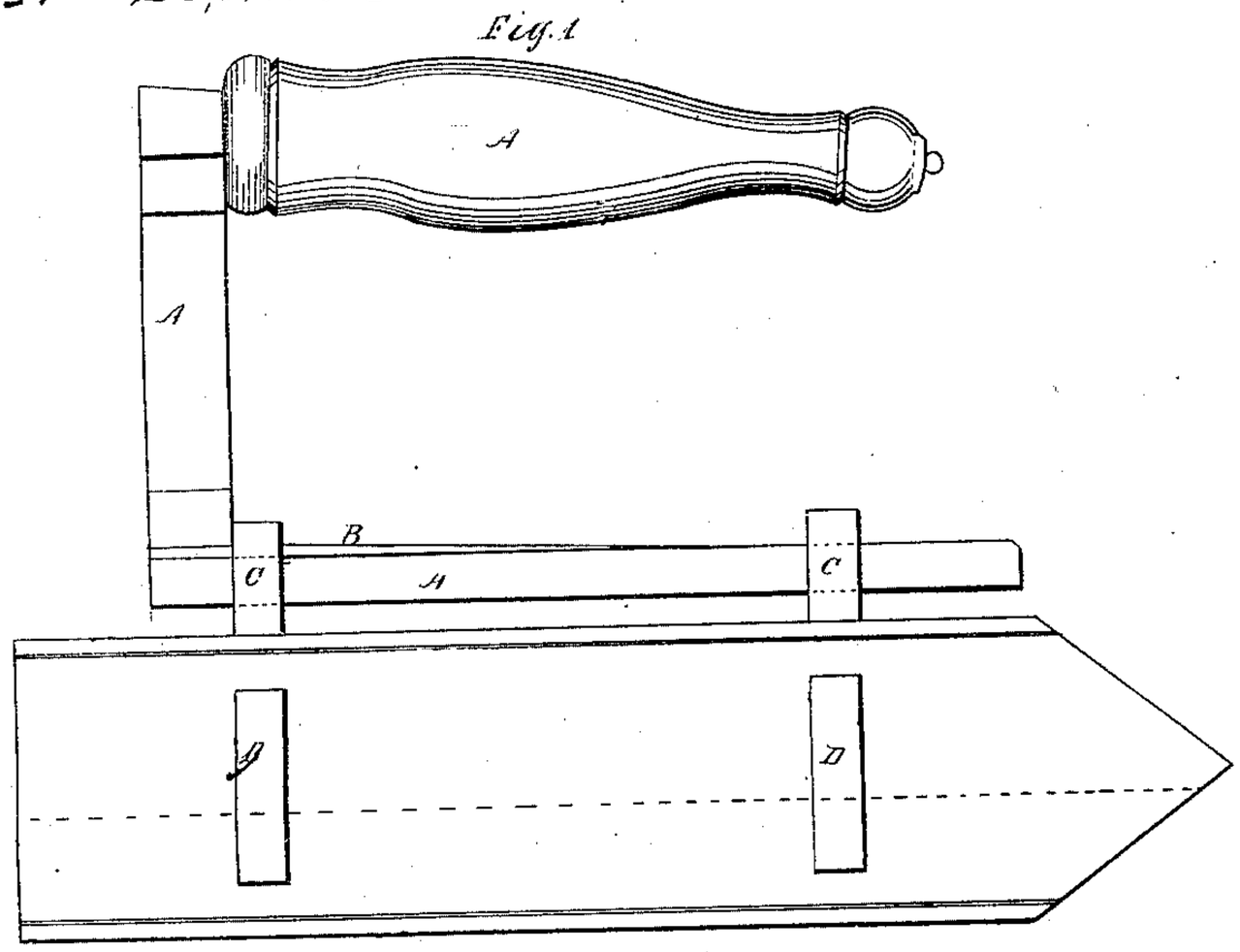


Fig. 2

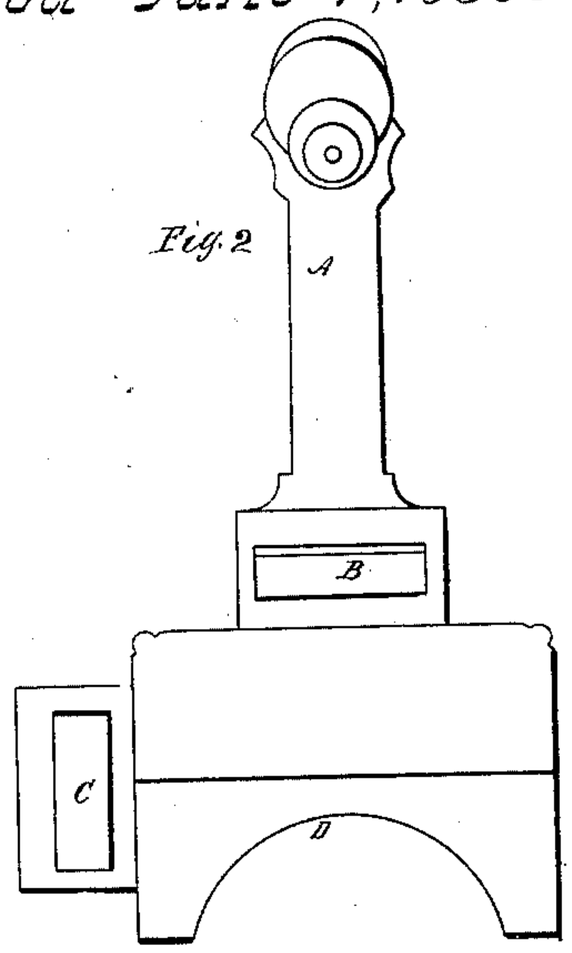


Fig. 3.

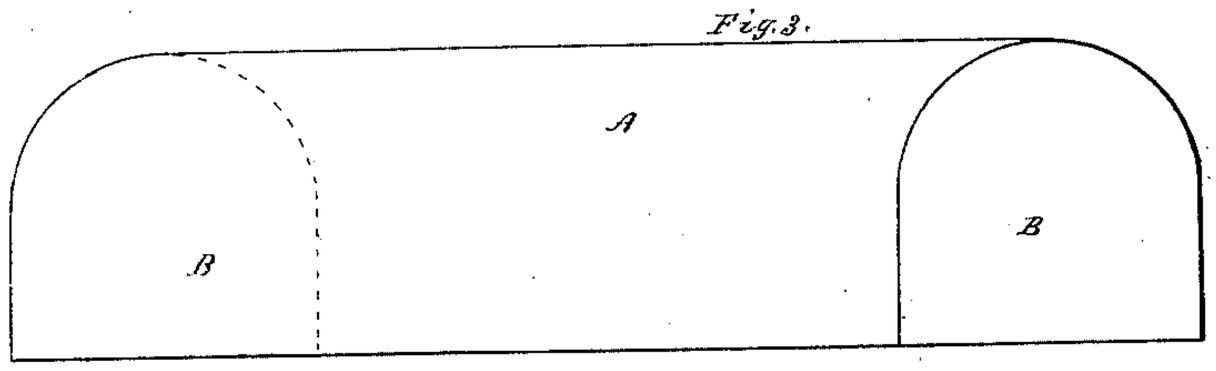
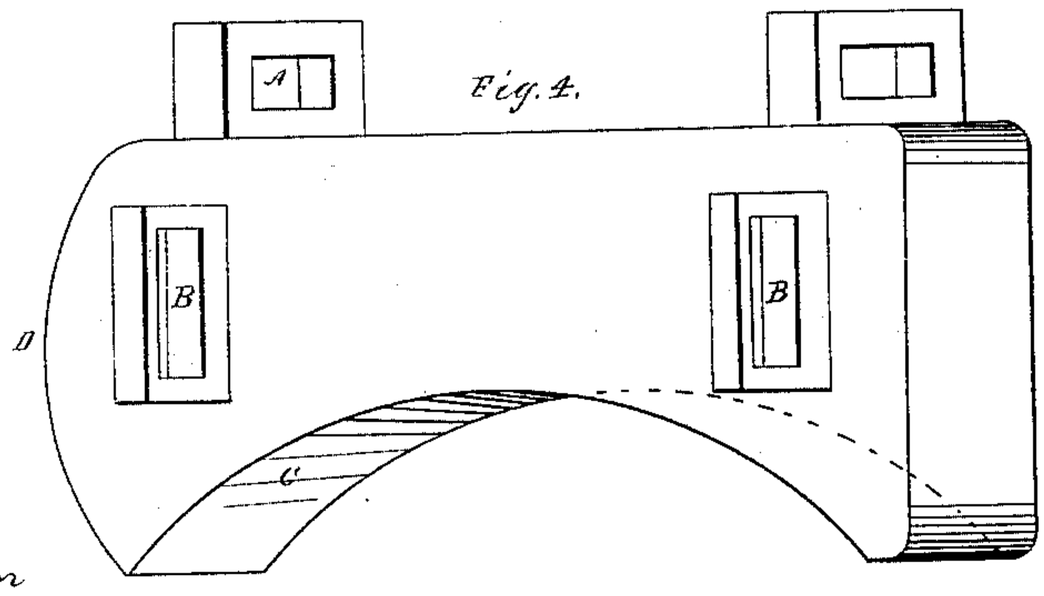


Fig. 4.



Witnesses

Dwight Kern

Inventor

Abm. Rudisill

UNITED STATES PATENT OFFICE.

A. RUDISILL, OF YORK, PENNSYLVANIA.

SMOOTHING-IRON.

Specification of Letters Patent No. 20,445, dated June 1, 1858.

To all whom it may concern:

Be it known that I, ABRM. RUDISILL, of York borough, in the county of York, in the State of Pennsylvania, have invented a new and useful improved concave smoothing-iron, adapting itself to the convenience and use of tailors, hatters, and milliners, according to the adjustment of the concavity, for pressing convex surfaces; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing, making a part of this specification, in which—

Figure 1 represents a side view; A A A is a movable handle by means of which the same smoothing iron may be used both with a flat or concave surface; B, is a spring by means of which the handle is kept in its place; C C, contain holes into which the handle slides when the concave surface is used; D D, contain holes into which the handle slides when the flat surface is used.

Fig. 2 represents a front view; A, is the handle in the position for pressing with the concave surface; B, through which the handle slides in this position; C, through which the handle slides when the flat surface is used; D, is the concavity.

Fig. 3 represents a block or cushion fitted to the concavity D, Fig. 2, upon which block, or cushion lapels and collars of coats are pressed; A, is the convex surface, B B, the ends, C, the edge of a flat bottom.

Fig. 4, represents the form of a concave smoothing iron adapted for the use of hatters and milliners; A A, into which the handle is slid when the concave surface is used; B B, into which the handle is slid when the flat surface is used; C, shows the enlarged concavity; D. shows the front.

The construction of my concave smoothing iron will be readily understood from the specification. Articles desired to be pressed into a rounded form are placed or fixed upon a convex cushion or block, for which the concave surface of the iron must be formed. The advantages of the concavity will at once appear when it is considered that a concave surface suited to a convex surface will apply the entire surface of the iron at once, while a flat surface will cover comparatively but a single point to a convex surface; hence it will not only add to the beauty of the work, but also expedite it greatly.

What I claim and desire by Letters Patent is—

The smoothing iron with concave pressing surface, constructed substantially as described.

ABRM. RUDISILL.

Witnesses:

GEORGE M. SHETTER,

PETER H. SPRENKEL.