

A. S. MANN.

Improvement in Sad and Fluting-Irons Combined.

No. 132,093.

Patented Oct. 8, 1872.

Fig. 1.

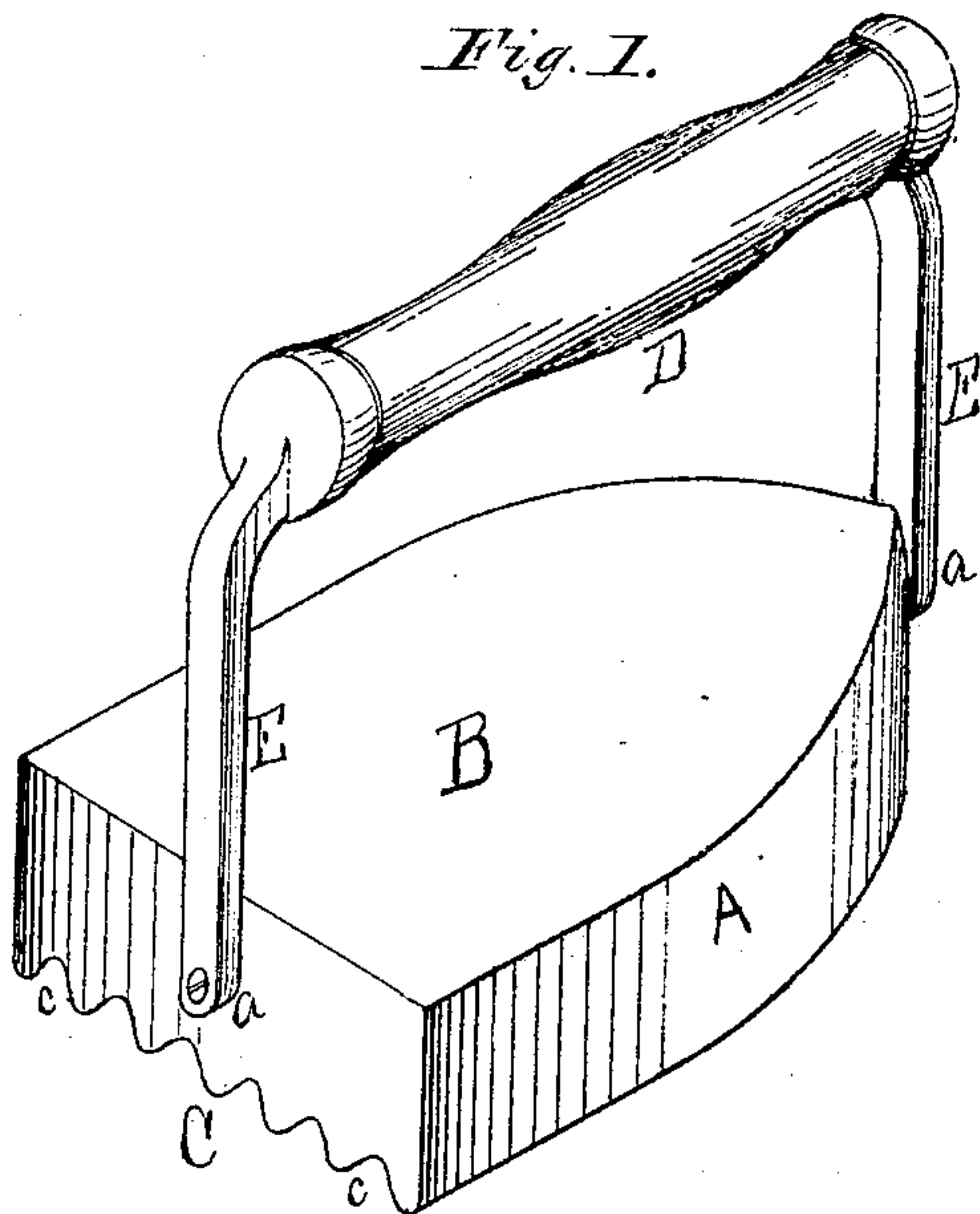


Fig. 2.

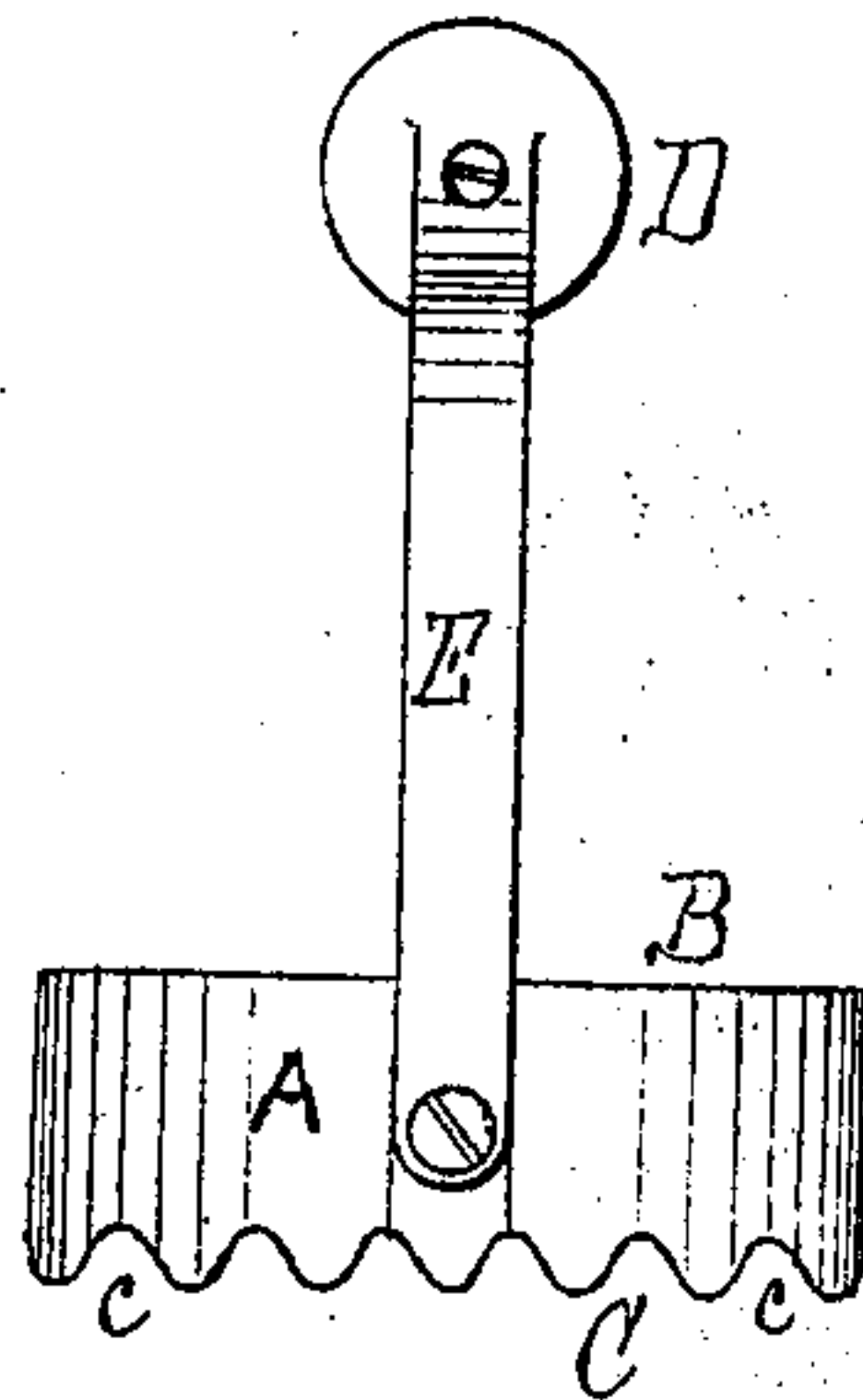


Fig. 3.

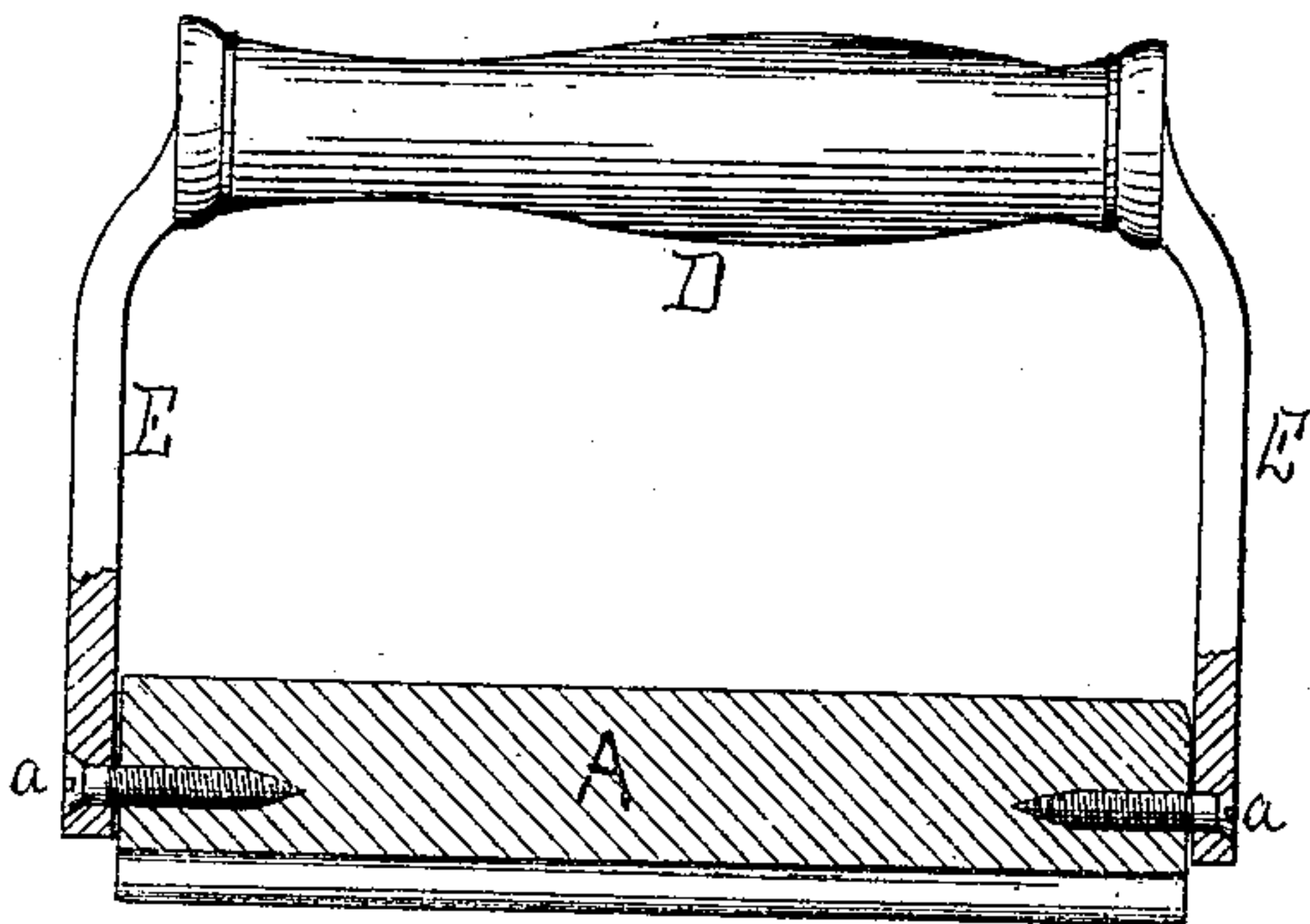
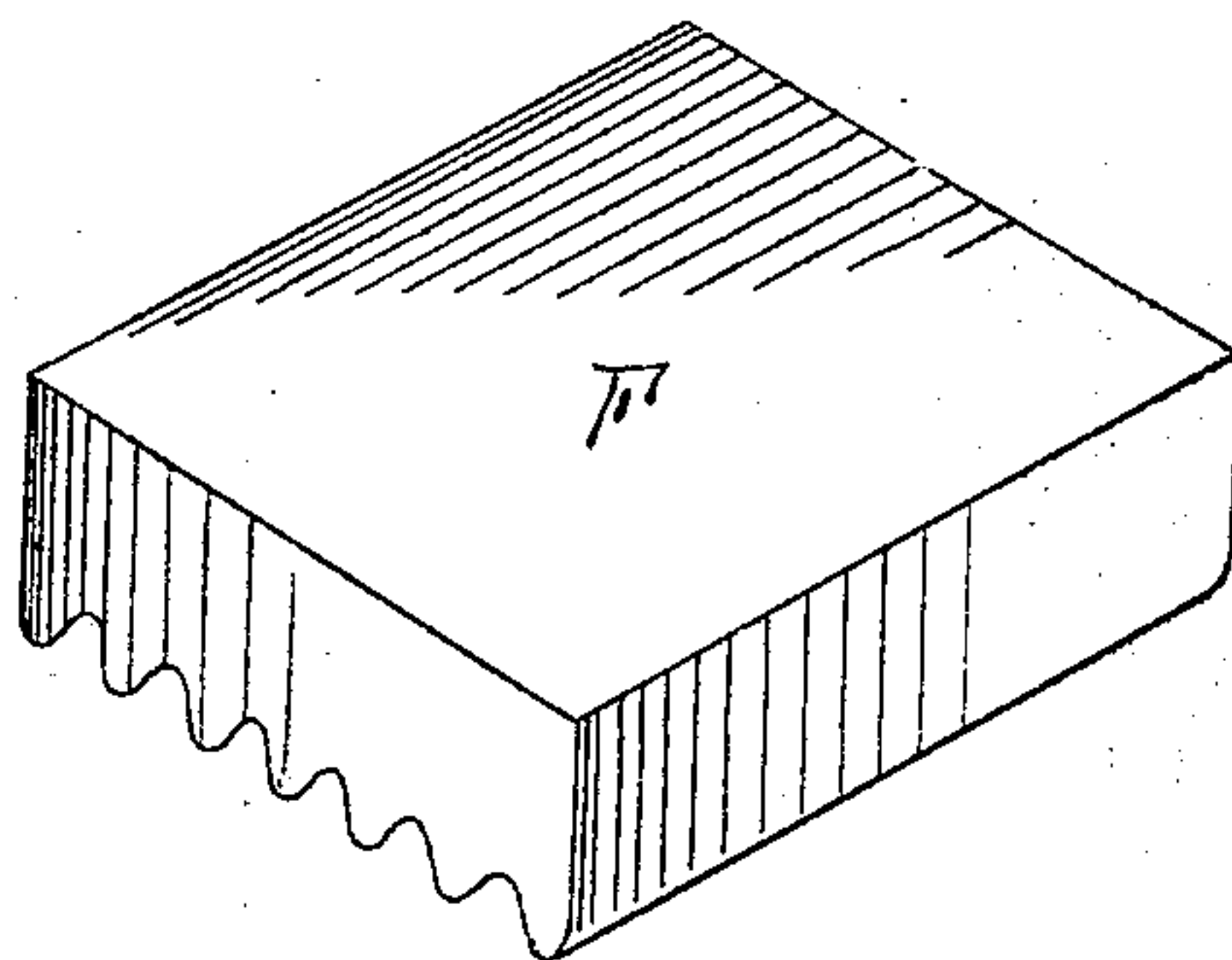


Fig. 4.



Witnesses:

Edwin James.  
K. V. Gordon.

Inventor:

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per J. E. F. Holmead,  
Attorney.

# UNITED STATES PATENT OFFICE.

AUSTIN S. MANN, OF PITTSBURG, PA., ASSIGNOR OF TWO-THIRDS HIS RIGHT  
TO ROBERT A. WILSON, CHAS. J. BALDWIN, AND JOHN HEWIT.

## IMPROVEMENT IN SAD AND FLUTING IRONS COMBINED.

Specification forming part of Letters Patent No. **132,093**, dated October 8, 1872.

*To all whom it may concern:*

Be it known that I, AUSTIN S. MANN, of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented a new and Improved Combined Sad-Iron and Fluting Device, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing and the letters of reference marked thereon making part of this specification, in which—

Figure 1 is a side view in perspective of my improved sad-iron; Fig. 2 is an end view; Fig. 3 is a longitudinal sectional view; and Fig. 4 is a bottom view in perspective of the independent corrugated plate or iron holder.

The object of my invention is to furnish, as a new article of manufacture, a sad-iron which is susceptible of being used both as a sad-iron and fluting device, and one which, in both operations, will act with an ironing movement. Thus the fluting device will impart the same gloss to the ruffles as the sad-iron does to the other portions of the garment. The great advantage of this invention is found in its cheapness, simplicity, and entire practicability, a fluting device being secured at scarcely any additional cost and with no increased weight of metal over the ordinary smoothing-iron now in general use. The nature of my invention consists in corrugating the upper face of the sad-iron plate, so as to permit of its being used in connection with any independent corrugated plate, which may be made, if preferred, in the style of an iron-holder. The sad-iron plate thus formed, one face being smooth and polished as the ordinary smoothing-iron, and the other face being corrugated, as stated, is connected with the handle by two shank-arms on pivot centers, so as to permit, after the garment has been ironed, of the sad-iron plate being revolved, the smooth face being thrown up and the corrugated face down, when the device is in condition to iron any ruffles that may be required to be fluted.

The construction and operation of my invention is as follows: A is the sad-iron plate, and is constructed of any suitable metal. This plate A is cast or otherwise manufactured so as to have one of its faces, B, flat, as shown

in Figs. 1 and 2, and which face is polished and finished as is the ordinary smoothing-iron. The other face, C, is cast with numerous corrugations *c c*. This plate A is connected with the handle D by two shank-arms, E E, on pivot-centers, as shown at *a a*. The attachment of the shank-arms to the plate may be made by any ordinary mechanical means which will allow of the plate being revolved when desired, and which at the same time will furnish a sufficiently-positive brace-bearing to maintain the plate in a fixed and steady position after it has been reversed. Thus it will be seen, as the sad-iron plate A is no thicker than the ordinary smoothing-iron now in use, I secure all the advantages of a fluting device, comparatively speaking, without any increased cost in the price of the iron, and at the same time furnish an article that is neither heavy nor cumbersome to work with.

From the foregoing description the operation of my machine will be readily understood. The face B of the sad-iron plate is turned down and you have the ordinary smoothing-iron. After you have ironed the plain portions of the garment with the same, if there are ruffles to be fluted you simply revolve the plate, throwing up the smooth face B and bringing down the corrugated face C, when the iron is in condition to iron and flute the ruffle. Any flat corrugated plate, its corrugations being precisely similar to the face C, may be used. This plate may be, if desired, in the form of the iron-holder F, as shown in Fig. 4.

What I claim as new, and desire to secure by Letters Patent of the United States, is—

A revolving sad-iron plate, A, having a smooth face, B, and a corrugated face, C, so as to permit of its use both as a smoothing-iron and fluting device, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

A. S. MANN.

Witnesses:

EDWIN JAMES,  
JOS. T. K. PLANT.