

E. Clapp,
Sad Iron,
No 7,952,

Patented Feb. 25, 1851

Fig. 1

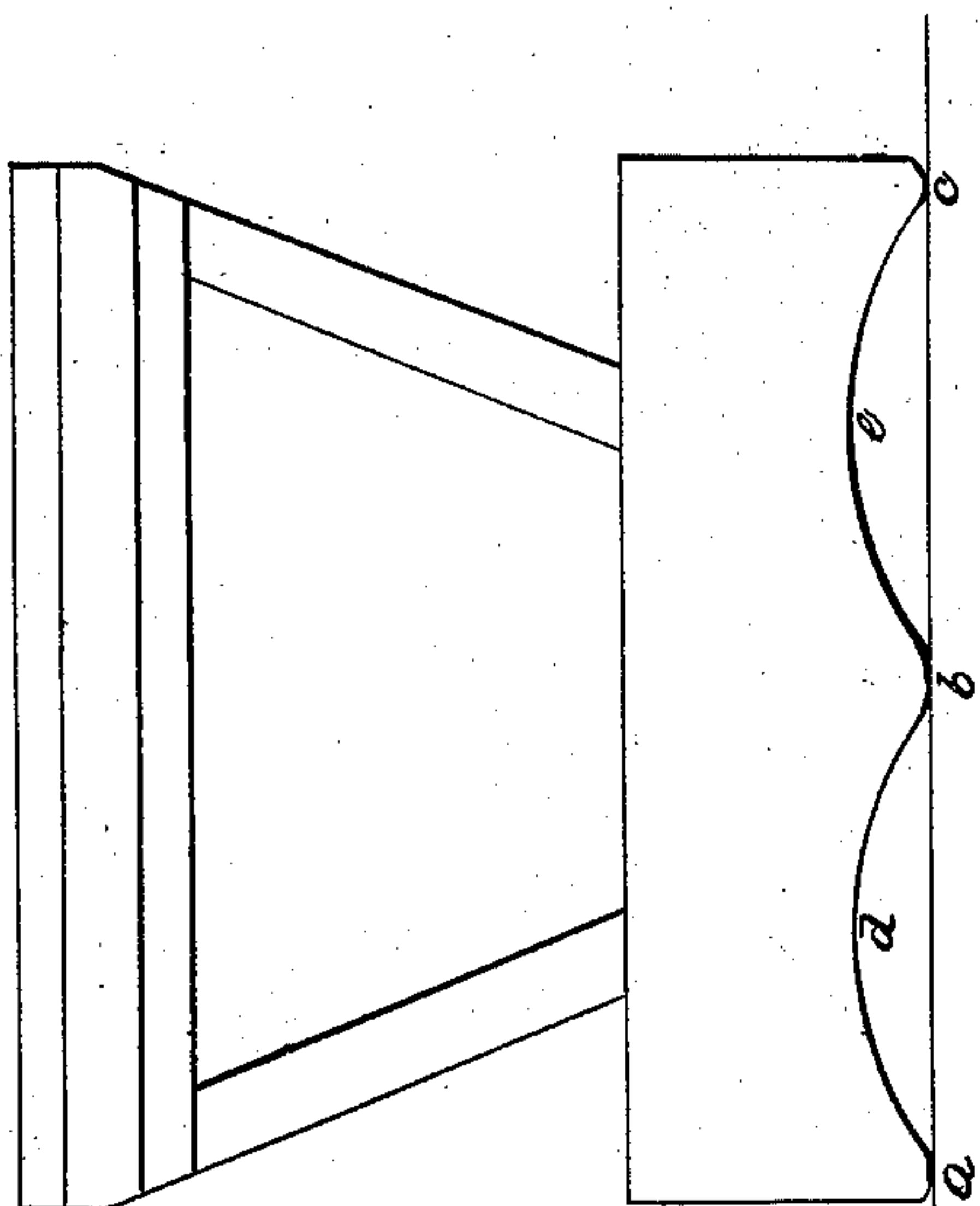


Fig. 2

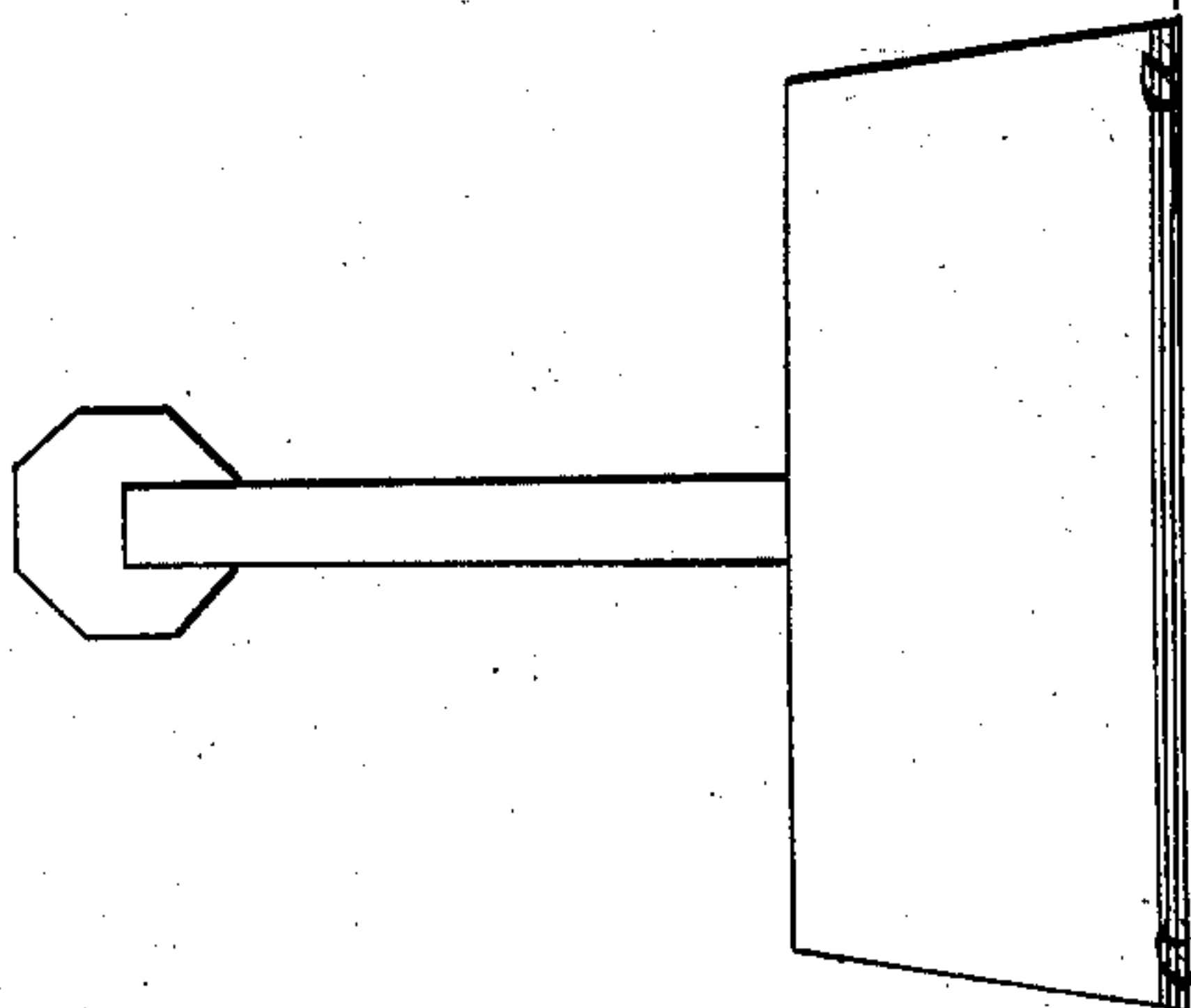
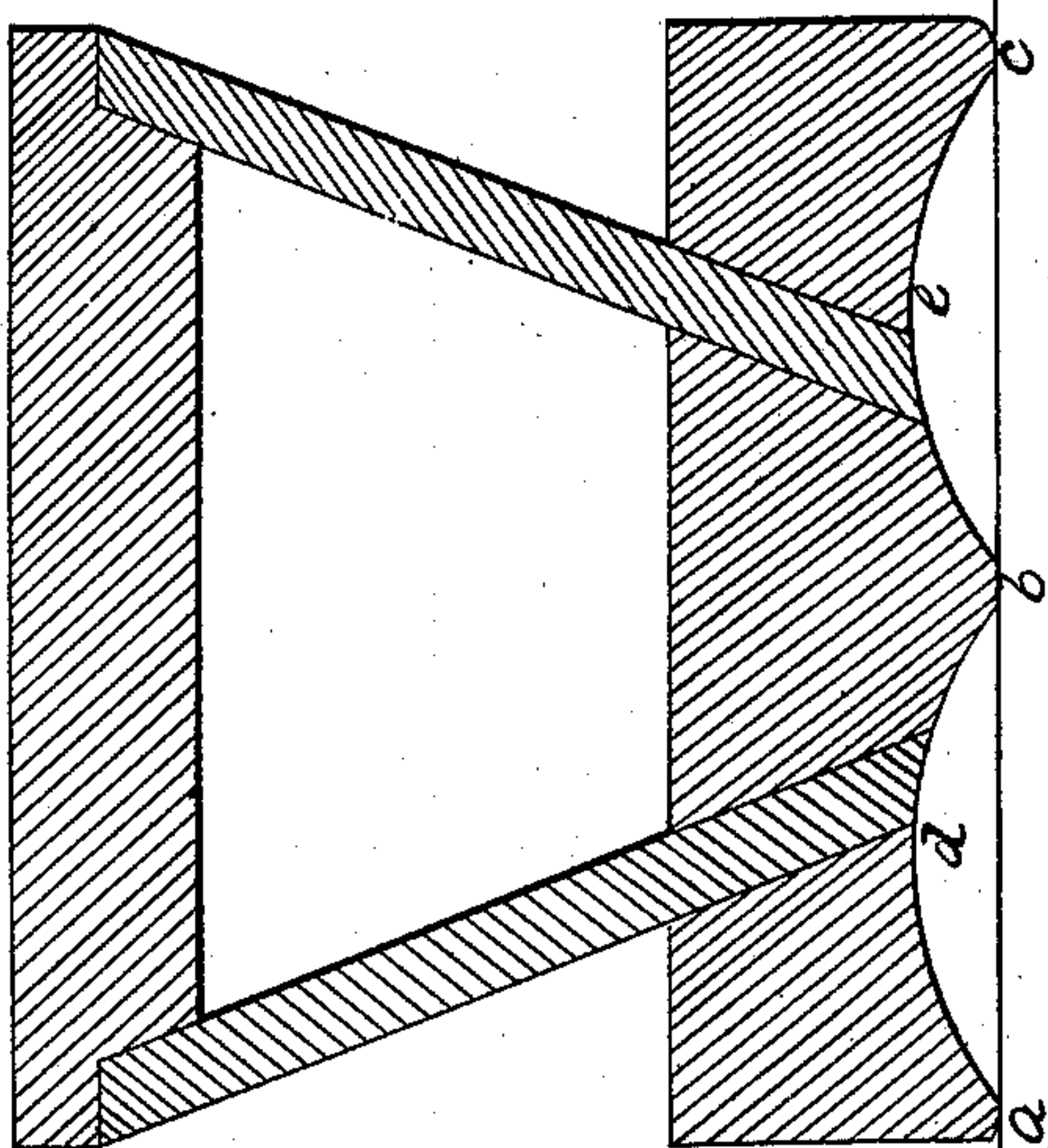


Fig. 3



UNITED STATES PATENT OFFICE.

E. CLAPP, OF DEDHAM, MASSACHUSETTS, ASSIGNOR TO CLAPP AND ALDEN.

SAD-IRON.

Specification of Letters Patent No. 7,952, dated February 25, 1851.

To all whom it may concern:

Be it known that I, EDWARD CLAPP, of Dedham, in the county of Norfolk and State of Massachusetts, have invented an Improved Iron for Polishing Starched Clothes; and I do hereby declare that the same is fully described and represented in the following specification and accompanying drawings, letters, figures, and references thereof.

Of the said drawings Figure 1, denotes a side elevation, Fig. 2, an end elevation, and Fig. 3, a central and longitudinal section of my improved sad iron, flat iron, or polishing iron, as it may be termed.

All or most flat irons consist of a block of metal, with a handle attached to it, the said block being made with a smooth or polished bottom and sides. My improved article is so made, and besides this it has an improvement in the form of it, by which it is better adapted to what is termed polishing a starched surface, than most or any irons heretofore in use. The said improvement consists in making the bottom part of it with a series of two or more polishing ridges or rounded projections *a, b, c*, and concavities *d, e*, between such ridges, said ridges being made to extend across the in-

strument, and to run either diagonally or at right angles to its sides. When the polishing iron so made is placed upon any starched article to be polished, the rounded projections only rest in contact with it; and thus the whole weight of the iron, instead of being distributed over a flat surface as in the common iron, is brought to bear on the diminished surfaces, edges, or projections *a, b, c*. Consequently much less exertion will be required to press and move the iron upon the surface to be polished, and besides the polishing is done equally as well, if not far superior to what can be effected by the ordinary polishing irons as heretofore constructed and used.

What I claim as my invention is—

The above described improvement in the construction of the bottom of the polishing iron, the same consisting in making it with ridges or projections, and concavities, substantially as herein before explained.

In testimony whereof I have hereto set my signature, this fourth day of November, A. D. 1850.

EDWARD CLAPP.

Witnesses:

JNO. GOTESBURY,
E. H. KINGSBURY.