

C. Corti.

Edge Plane.

N^o 88,551.

Patented Apr. 6, 1869.

Fig. 1.

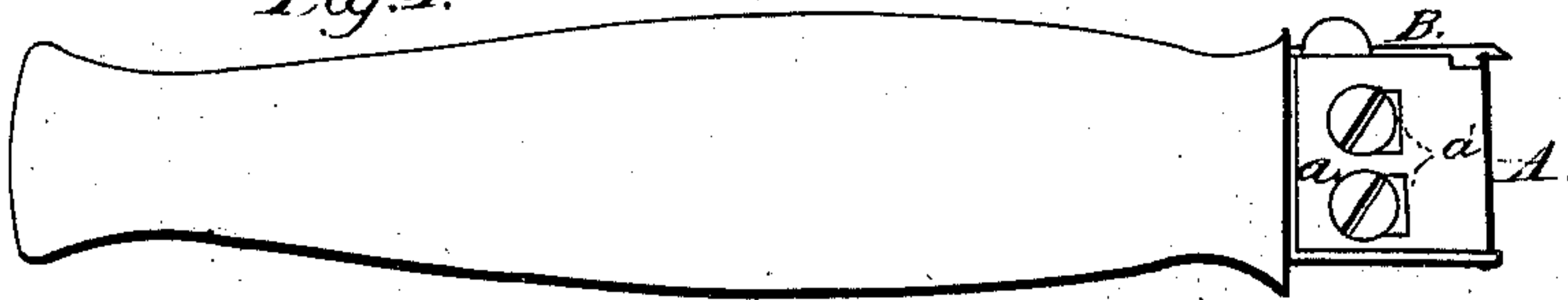


Fig. 5.

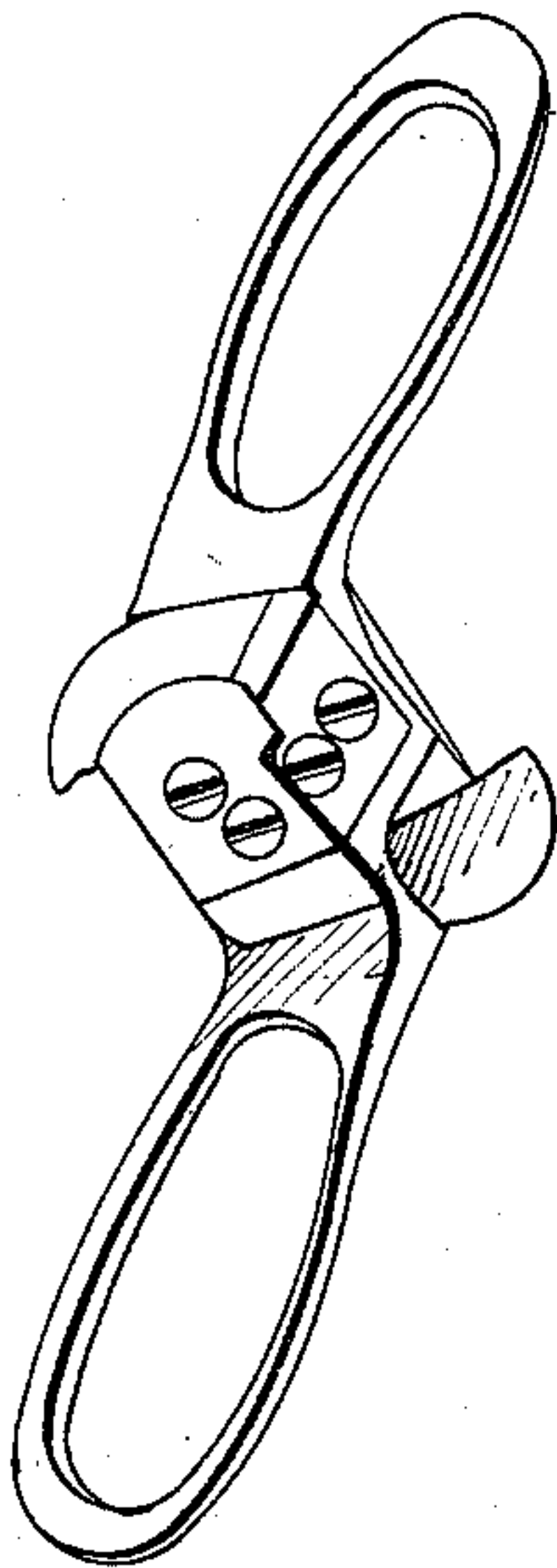


Fig. 3.

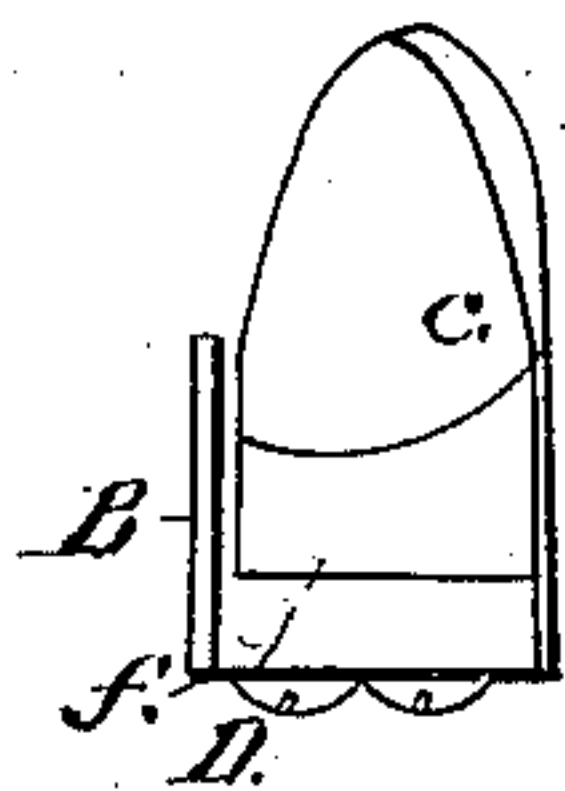
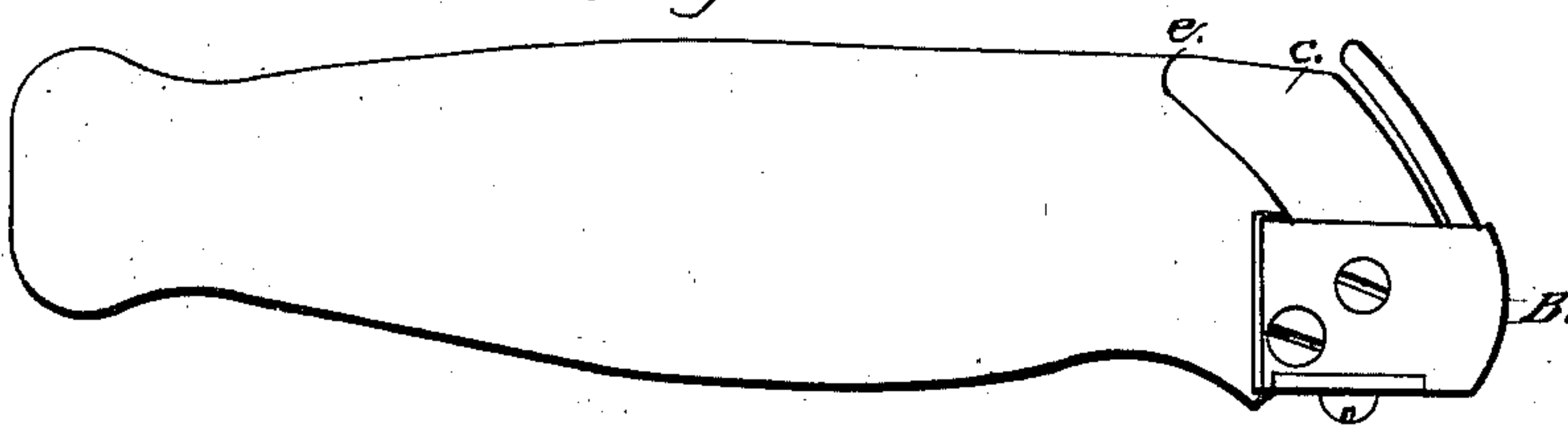


Fig. 4.



Fig. 2.



Witnesses:

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United States Patent Office.

CHARLES COTI, OF MARLBOROUGH, MASSACHUSETTS, ASSIGNOR
TO HIMSELF AND JOHN BAPTISTE BEBO, OF SAME PLACE.

Letters Patent No. 88,551, dated April 6, 1869.

IMPROVED EDGE-PLANE FOR BOOT-SOLES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, CHARLES COTI, of Marlborough, in the county of Middlesex, and State of Massachusetts, have invented a new and useful Improvement on an Edge-Plane for Shaving the Soles of Boots and Shoes; and I do hereby declare that the following is a full and clear description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in regulating the thickness of the shaving, by means of two screws, *a*, and the slots *a*, in the front guard, A, Figure I, so that a shaving, thicker on one side than the other, may be taken from the edge of the soles of boots and shoes.

By loosening the screws *a*, in Fig. I, the front guard can be adjusted to the knife *d*, Figure IV, for the purpose mentioned; the side guard B, in Fig. I, and in Figure II, being so made that it can be attached by means of the screws shown in Fig. II, and easily replaced, if broken or worn out.

A small strip of rubber, *f*, Figure III, is placed between the guard B and the body of the plane, D, Fig. III, which, by compression, enables the knife, or blade *d*, Fig. IV, to be firmly fastened by screws, in the side guard B, shown in Fig. II.

The screws passing through the side guard B, enter

the body of the plane, leaving a perfectly smooth surface, so as not to obstruct the shavings, as in other edge-planes.

The concave surface under the knife, partly shown in Fig. II, at C, and more fully in Fig. III, C, is so curved that the shavings are thrown out, partly at the side, and by means of the prominence in the handle, shown at *e*, in Fig. II, the shavings pass out freely, without being obstructed by the hand, as in other edge-planes.

The several parts to my edge-plane may be made of steel, or any metal or wood that will answer the purpose required.

The same principle described may be applied to double handles, as shown in Figure V.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The arrangement and combination of the parts shown in Fig. I, with the slots and screws, as described.
2. The side guard, as constructed, with the application of the rubber strip, for the purpose substantially as described.

CHARLES ^{his} × COTI.
mark.

Witnesses:

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