

S. M. BUTTON.  
KNIFE-SCOURING BOX.

No. 174,191.

Patented Feb. 29, 1876.

Fig. 1.

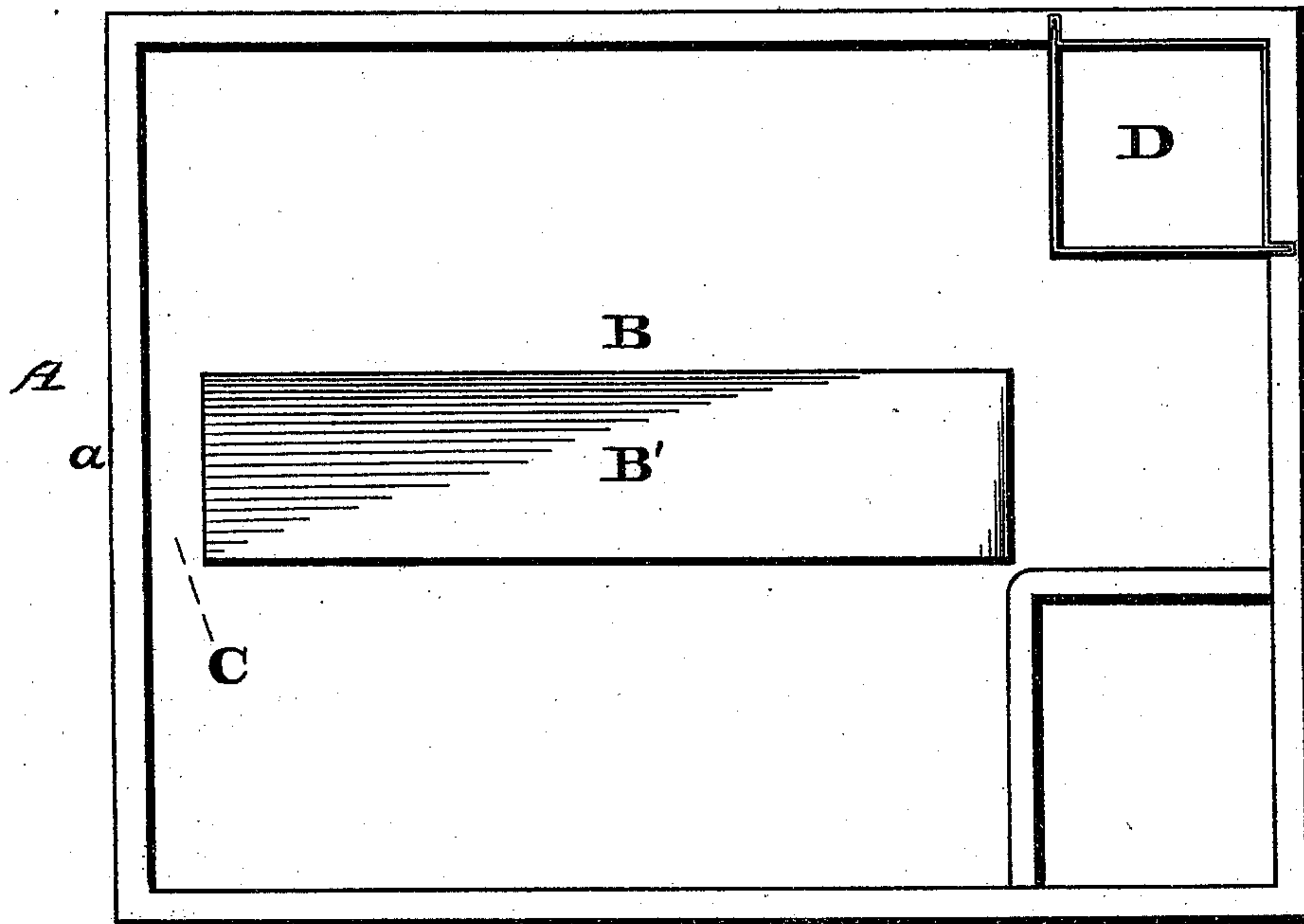


Fig. 2.

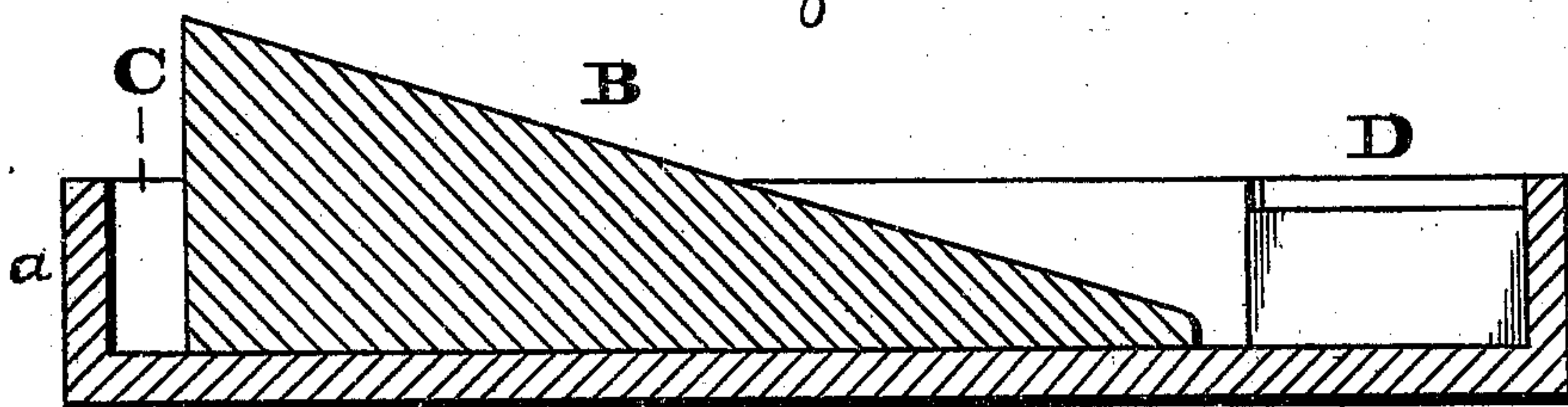
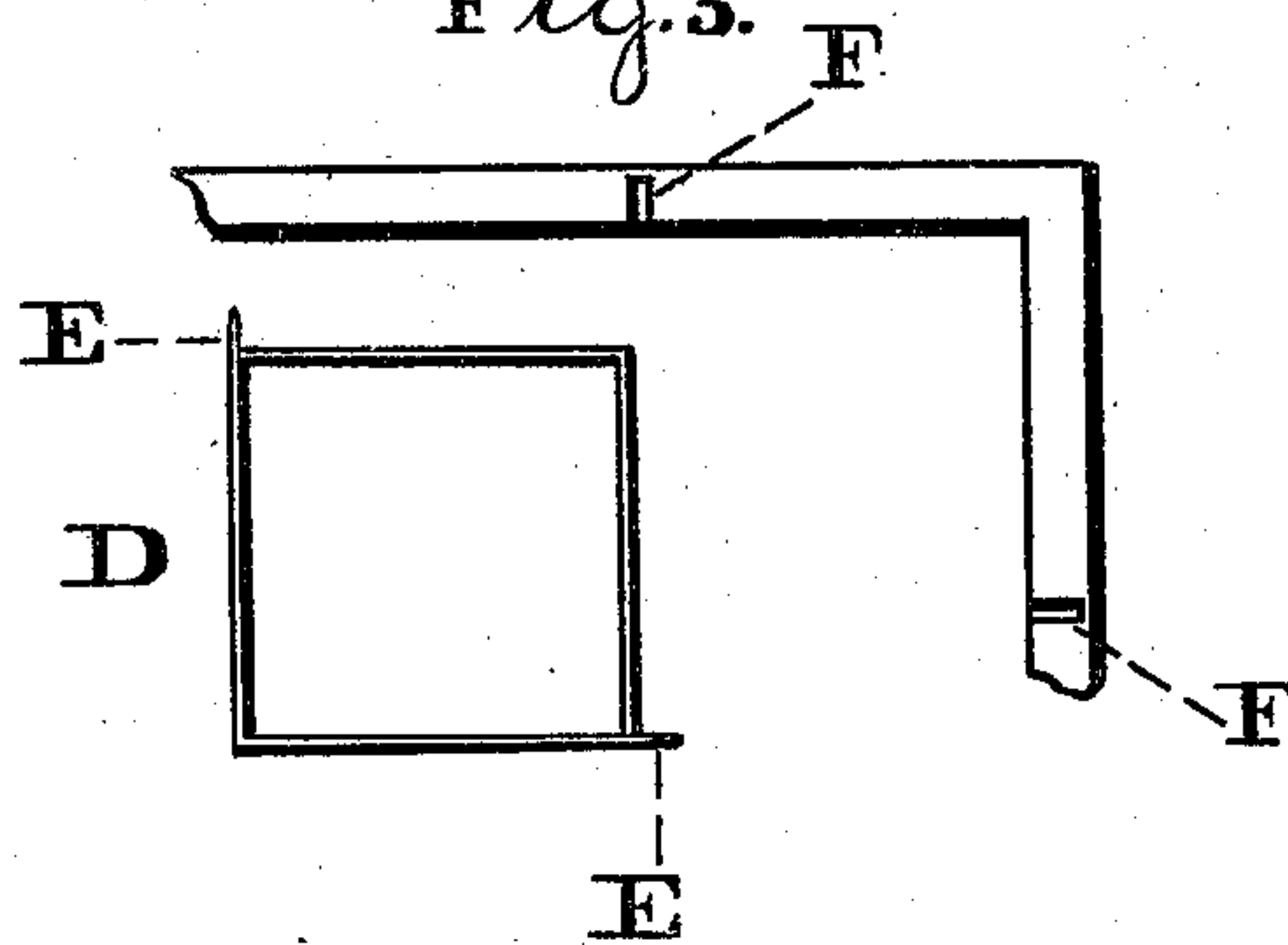


Fig. 3.



Witnesses:

No. P. Grant.  
Lewis S. Brown,

Inventor:

S. M. Button  
by John A. Giesbrecht  
att'y

# UNITED STATES PATENT OFFICE.

SYLVESTER M. BUTTON, OF SELLERSVILLE, PENNSYLVANIA.

## IMPROVEMENT IN KNIFE-SCOURING BOXES.

Specification forming part of Letters Patent No. **174,191**, dated February 29, 1876; application filed December 1, 1875.

*To all whom it may concern:*

Be it known that I, SYLVESTER M. BUTTON, of Sellersville, in the county of Bucks and State of Pennsylvania, have invented a new and useful Improvement in Knife-Scouring Boxes; and I do hereby declare the following to be a clear and exact description of the nature thereof, sufficient to enable others skilled in the art to which my invention appertains to fully understand, make, and use the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a top or plan view of the box embodying my invention. Fig. 2 is a central longitudinal section thereof. Fig. 3 is a top view of parts detached.

Similar letters of reference indicate corresponding parts in the several figures.

My invention consists in constructing the water-pan with lips projecting in diametrically opposite directions, and entering-grooves formed in the inner faces of the sides of the box for conveniently and securely holding the box in position.

Referring to the drawings, A represents a box, on the bottom of which is an apartment for reception of the scouring material. From the bottom of the box there rises a block, B, whose upper face B' is inclined, and between the end corresponding to the highest point of said face and the adjacent side *a* of the box there is a space, C. D represents a water-pan which is adapted to occupy one corner of the box A, and is removable therefrom. On the pan, at corners diagonal to each other, there are lips E E, which project in diametrically opposite directions, and in two adjoining sides of the box are formed grooves F F, which are so arranged that the lips E will enter said grooves.

The operation is as follows: The article to be scoured is placed on the upper face of the resting-block B, and the operator dips a piece of fabric or a pad successively in the scouring material in the box and water in pan D, and applies the moistened material to the face of the article in a manner well known in scouring knives, forks, &c. Such of the material that drops from the article at the highest point of the block B falls into the space C, so that none of the material, either dry or wet, during the scouring-operation, can escape from the box, but will be confined within the same. The pan D can be readily removed from the sides of the box, for withdrawal of the water, by simply lifting it from the box; and when said pan is to be fitted in position, either full or empty, it is only necessary to present the projecting lips E to the top of the grooves F, and then force down the pan.

It will be seen that the lips projecting in diametrically opposite directions firmly secure the pan to the box without the necessity of other fastenings, and the grooves are readily cleansed and are made directly in the sides of the box. The practicability, simplicity, and cheapness of the device are apparent.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The knife-scouring box, consisting of the box A with grooves F on its inner sides, and the pan D with lips E, which project in diametrically opposite directions from diagonal corners of the pan, all as set forth.

SYLVESTER M. BUTTON.

Witnesses:

JOHN A. WIEDERSHEIM,  
H. E. HINDMARSH.