

(No Model.)

H. E. SMYSER.
BLACKING BOX HOLDER.

No. 438,900.

Patented Oct. 21, 1890.

Fig. 1.

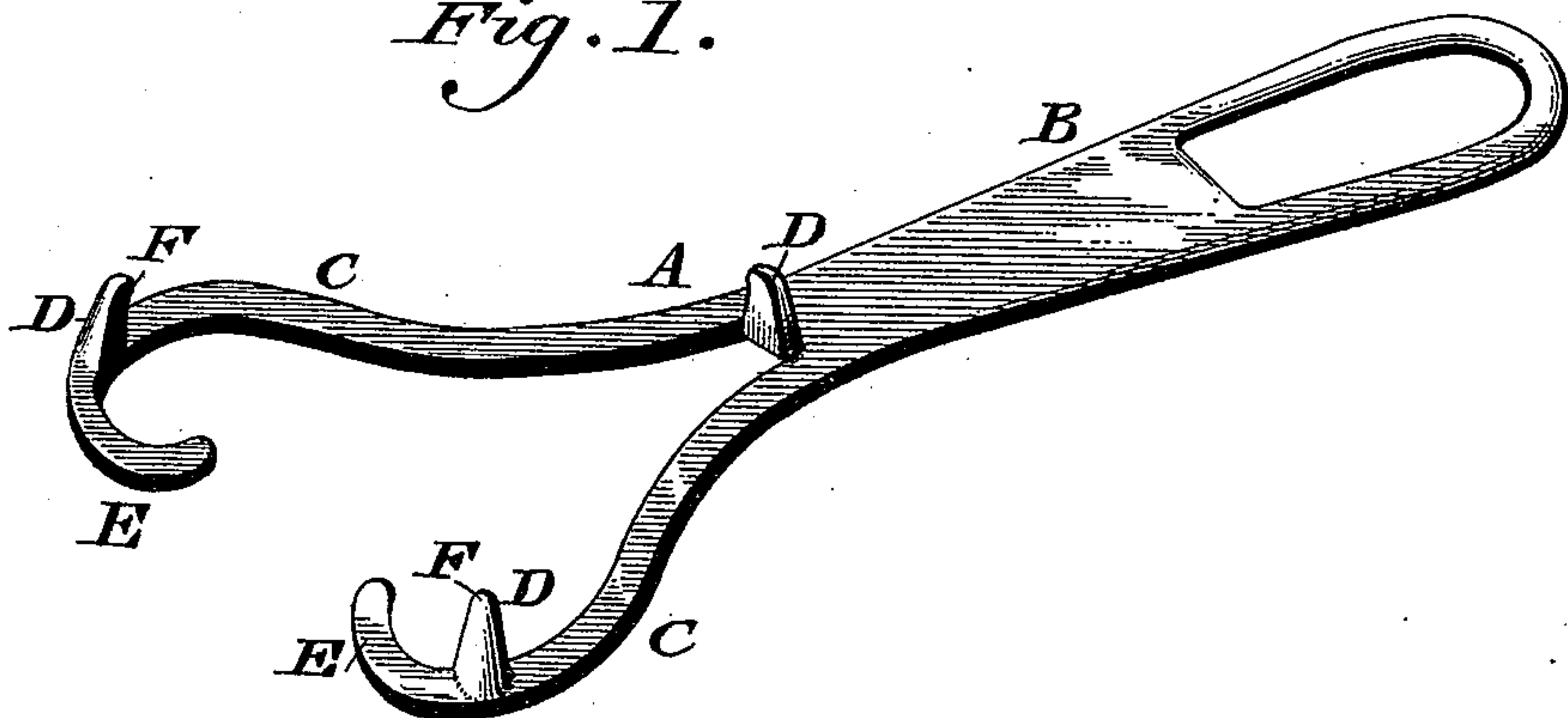
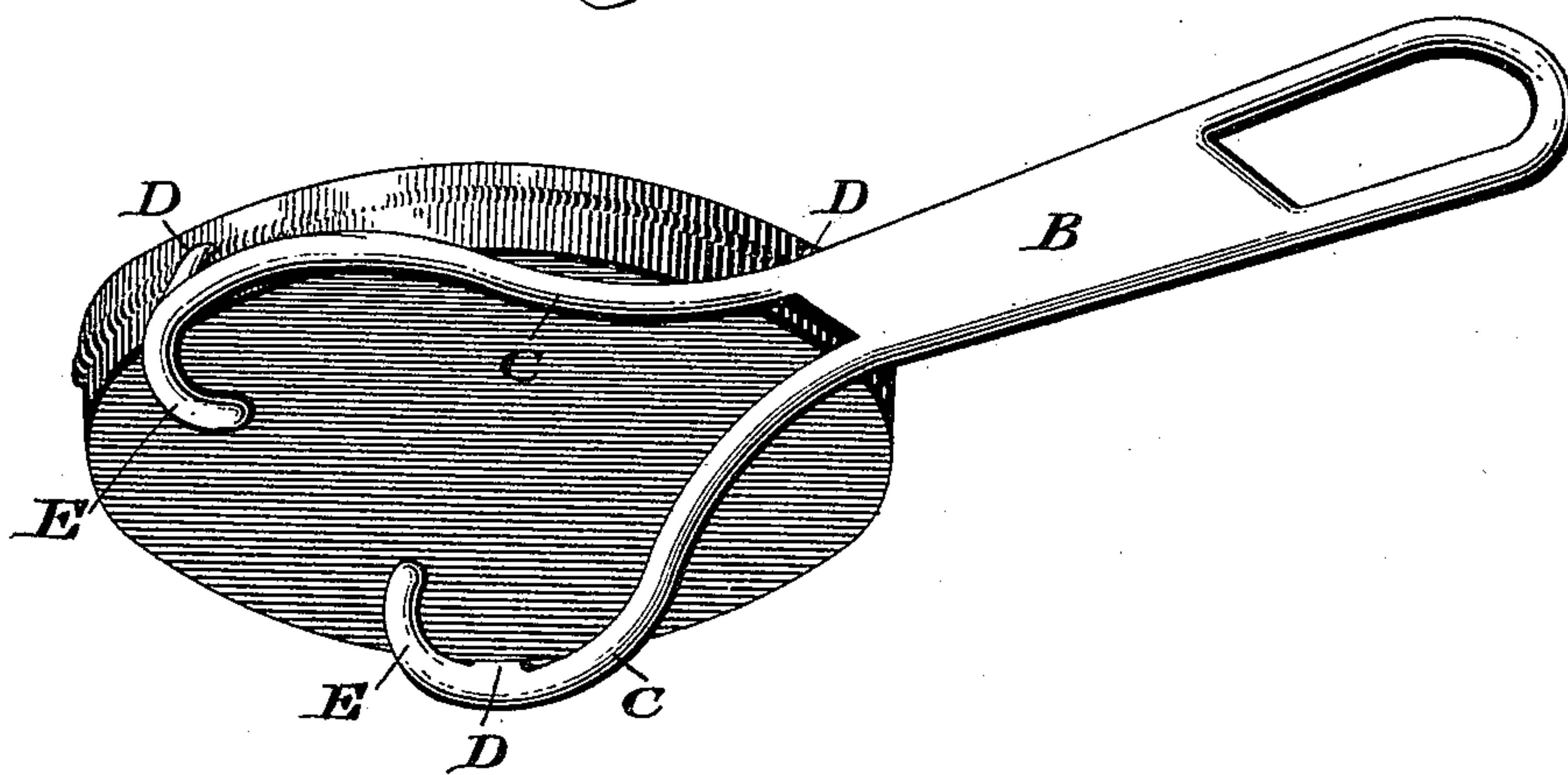


Fig. 2.



WITNESSES:

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BLACKING-BOX HOLDER.

SPECIFICATION forming part of Letters Patent No. 438,900, dated October 21, 1890.

Application filed April 23, 1890. Serial No. 349,102. (No model.)

To all whom it may concern:

Be it known that I, HENRY E. SMYSER, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Blacking-Box Holders, which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists of a blacking-box holder of inexpensive construction, the same being adapted to be applied to the box in a firm and reliable manner, as will be hereinafter fully set forth.

Figure 1 represents a perspective view of a blacking-box holder embodying my invention. Fig. 2 represents a perspective view thereof, showing the blacking-box in position.

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

Referring to the drawings, A designates a blacking-box holder, the same consisting of the handle B, arms C, and lips D, formed together in one piece of cast metal, although to the material I do not limit myself. The arms C diverge from one end of the handle B and then converge at their ends E, so that said ends form a partial support for the blacking-box, as will be seen in Fig. 2. The lips D project from the arms C at or about a right angle thereto, and are so disposed as to embrace the blacking-box at different places, three lips being shown in the present case, the free ends of the lips being also bent inwardly, so as to form shoulders, which engage with the upper wall of the bead of the body of the box.

The operation is as follows: The body of the box is presented obliquely to the two outer lips D and then pressed toward the same. The box, owing to its pliable nature, yields, and it is then advanced against the arms C. As it clears the shoulder of the other lip, it is fully seated on said arms, the said shoulder being above the bead of the box. The box then expands or returns to its nor-

mal position from the bottom side, when it will be found to be firmly grasped by the lips and prevented from displacement from the holder. When the box is to be removed, it is pressed against either of the lips, the pressure being applied, say, in the direction from the handle. The box yields sufficiently to clear the bead of the box, when the latter may be drawn outwardly, so as to clear the lip at the handle, after which it may be easily disengaged from the remaining lips.

Should the blacking-box not be sufficiently elastic, so as to yield during application to and removal from the holder, the arms C will spread when pressure is applied to the same, and thus provide for springing of the box into position and displacement of the same, it being noticed that said arms are somewhat elastic in their nature and capable of lateral motion when subjected to pressure, such motion being occasioned by the protrusion of portion of the periphery of the box between the lips or ears D of said arms.

I am aware that it is not new to provide a blacking-box holder with a spring-pressed slide for engagement with such box, and do not claim such feature, the same being dispensed with by the construction presented by me.

I therefore claim as new, and desire to secure by Letter Patent, the following, viz:

As an improved article of manufacture, a blacking-box holder consisting of a handle with laterally-yielding arms first diverging therefrom and then converging at their outer ends to form a partial bottom-bearing for the box and lips projecting vertically upward from the point of intersection and outer portions of said arms, the upper ends of said lips being bent inward to form shoulders, substantially as described.

HENRY E. SMYSER.

Witnesses:

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