

E. K. MULL.

Letter-Box Attachment for Doors.

No. 133,474.

Patented Nov. 26, 1872.

Fig. 1.

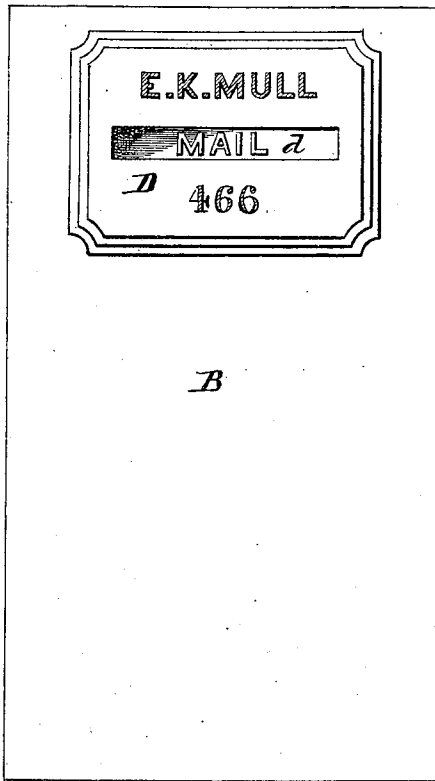


Fig. 2.

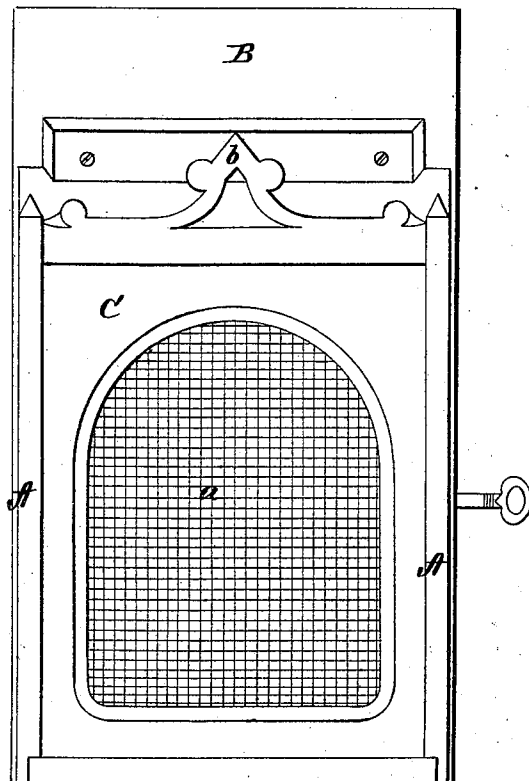
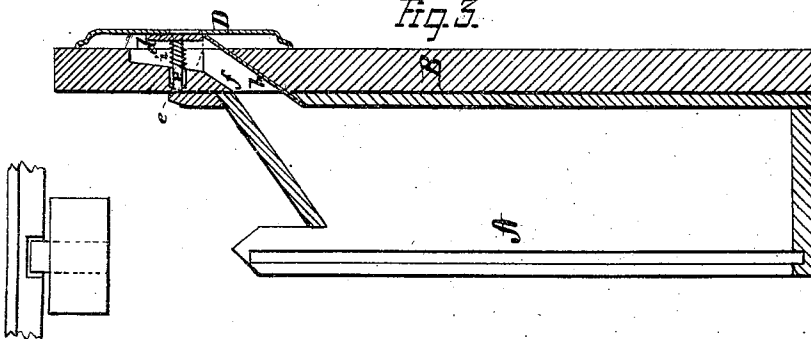


Fig. 3.



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IMPROVEMENT IN LETTER-BOX ATTACHMENTS FOR DOORS.

Specification forming part of Letters Patent No. 133,474, dated November 26, 1872.

To all whom it may concern:

Be it known that I, EDWARD K. MULL, of Reading, in the county of Berks and State of Pennsylvania, have invented certain new and useful Improvements in Letter-Box Attachments for Doors; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

My invention consists in the construction and arrangement of certain letter-box attachments to be applied to the door of any residence, office, or store, &c., to facilitate the rapid delivery of mail-matter in cities and towns where mail-carriers are employed by the government.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is an outside view of the door, showing the door-plate; Fig. 2 is an inside view of the door, showing the letter-box; and Fig. 3 is a transverse vertical section of the same.

A represents a neat ornamental box, of any suitable dimensions, fastened on the inside of the door B, and having a vertical sliding door, C, which is kept in its place by grooves in the sides and bottom of the box. In the door C is a glass or wire panel, *a*, by means of which any mail-matter deposited in the box may be seen without opening the same. At the upper end of the door is a lift, *b*, by which it is raised and lowered at will. The box A is provided with a lock and key, and if desired, may be locked so that no one but the holder of the key can remove anything from it. In com-

bination with this box is a door-plate, D, made of metal or plated metal, and plain or ornamental, as may be desired. In this plate is a longitudinal aperture of sufficient dimensions for the admission of letters and newspapers. The plate D is fastened on the outside of the door B, and its aperture closed tightly by an automatic shutter, *d*, on the inside of the plate, working upon two guide-rods, *e e*, and operated by two spiral springs, *i i*. Through the door B is an inclined aperture, *f*, corresponding with the aperture in the door-plate, and in the bottom of said aperture *f* is a metal plate, *h*, extending out against the back of the door-plate, allowing letters to glide readily into the box. The shutter *d* will readily yield to the slightest pressure from the outside, and, after a letter or newspaper has been dropped into the box, will immediately close up the aperture, thus entirely shutting out dust, snow, or rain. The plate is intended to admit of the owner's name and the number of the house being engraved on it, thus answering the double purpose of door and mail-box plate. Any ordinary metallic door-plate may be altered to serve the mail-box.

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

The combination of the slotted door-plate D, the door B with the inclined slot *f*, and the shutter *d* moving on the pins *e e*, with springs *i i*, all substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 12th day of June, 1872.

EDWARD K. MULL.

Witnesses:

MATTHIAS MENGEL,
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