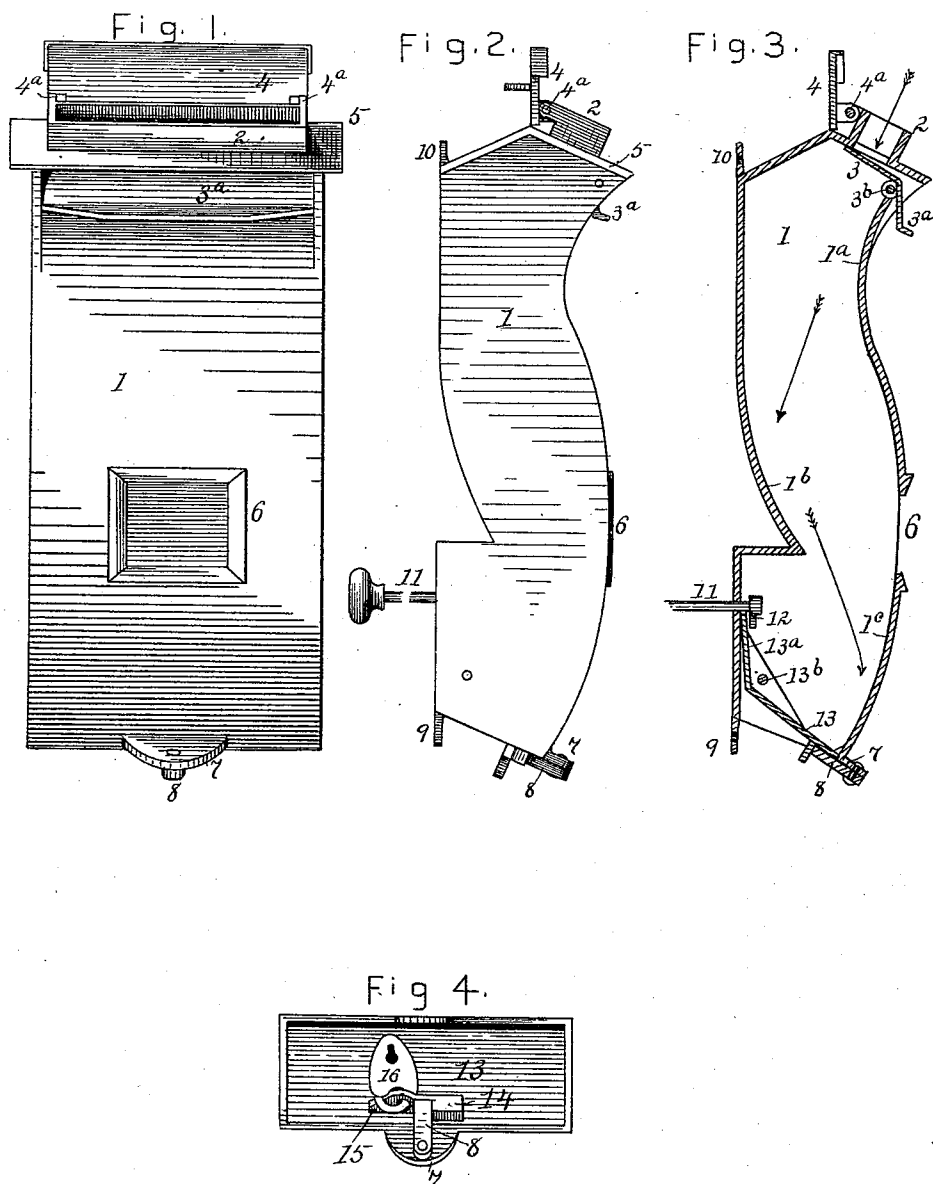


(No Model.)

J. H. GROSS.
HOUSE DOOR LETTER BOX.

No. 461,475.

Patented Oct. 20, 1891.



ATTEST

Helen Graham

William Graham.

INVENTOR
JACOB H. GROSS.
by his attorney
L. P. Graham.

UNITED STATES PATENT OFFICE.

JACOB H. GROSS, OF NIAN TIC, ILLINOIS.

HOUSE-DOOR LETTER-BOX.

SPECIFICATION forming part of Letters Patent No. 461,475, dated October 20, 1891.

Application filed March 26, 1891. Serial No. 386,456. (No model.)

To all whom it may concern:

Be it known that I, JACOB H. GROSS, of Niantic, in the county of Macon and State of Illinois, have invented certain new and useful Improvements in Letter-Boxes, of which the following is a specification.

The object of my invention is to provide a cheap, neat, and durable letter-box that is weather-proof, that cannot be easily robbed, and that may be locked or otherwise secured in different ways. I attain my object in the manner hereinafter set forth, reference being had to the drawings accompanying and forming a part of this specification.

Figure 1 is a front elevation of my device. Fig. 2 is a side elevation of the same. Fig. 3 is a central vertical section from front to back. Fig. 4 is a representation of the bottom of the box.

The casing 1 is preferably of cast metal, and it has the top 5 provided with opening 2, through which the letters pass. The door 3 normally closes the opening. It is inclined and detached to shed water. It is hinged at 3^b, and it has the weighted extension 3^a. The opening 2 is provided with a lid 4, which is hinged at 4^a, and which may be closed when necessary to exclude snow or sleet from contact with door 3. The bottom of the box 13 is hinged at 13^b and has the upwardly-extended portion 13^a. It also has the stop 14 and the lock-block 15, provided with a hole for padlock 16. Lug 7 on the lower front part of casing 1 provides a bearing for button 8. Lugs 9 and 10 provide means for securing the device to a door or other support, screws being passed through holes in the lugs and into the support. The shaft 11 is to be extended through the rear wall of the box and through the door to which it is attached. It has a button 12 inside the box, adapted to engage extension 13^a of the lower door, and it also has a knob or other turning device on its op-

posite end. The glass 6 in the front of the casing exposes the letters in the box. The roof and all upper surfaces are inclined in order to shed water.

Letters placed in opening 2 depress door 3, and following the course indicated by arrows in Fig. 3 strike first against incline 1^b, then against incline 1^c, and fall against the face of the box out of the way of other letters that may be subsequently introduced. The surface 1^a is interposed between the letters and the opening in such manner as to make it difficult to rob the box by means of an implement introduced through the upper door.

The button 8 will hold the lower door closed, or the knob on shaft 11 may be turned and button 12 be made to hold the door in such manner that one outside the house cannot open it; or the padlock 16 may be applied if it is desired to make the fastening unusually secure.

I claim—

1. A letter-box consisting of a front wall having its upper portion curved inwardly and its lower portion curved outwardly, a rear wall having an inward curve corresponding to the outward curve of the front wall, a delivery-door in the lower end and a receiving-door in the upper end over the inward curve of the front wall, as set forth.

2. The letter-box 1, having the receiving-opening 2, the inclined door 3, set below and detached from the top of the box, the discharge-door 13, having the stop 14 and the lock-block 15, the button 8, and the shaft 11, having button 12, as set forth.

In testimony whereof I sign my name in the presence of two subscribing witnesses.

JACOB H. GROSS.

Attest:

JOHN S. KIZER,
A. M. FARNAM.