

(No Model.)

W. BUSSARD.
HOUSE DOOR LETTER BOX.

No. 448,500.

Patented Mar. 17, 1891.

FIG. 1.

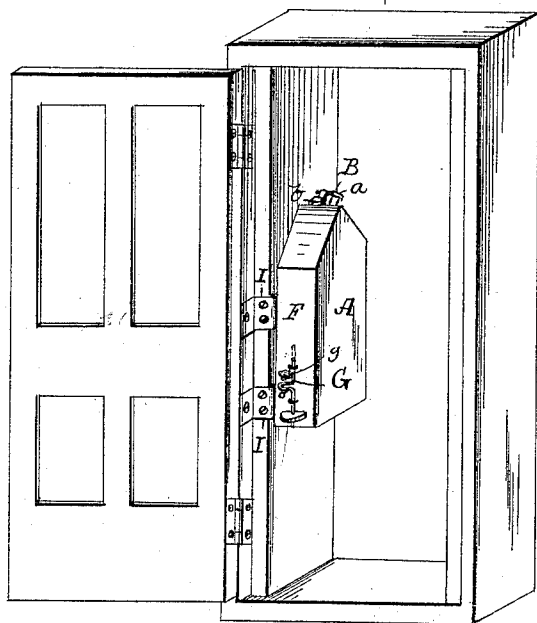


FIG. 2.

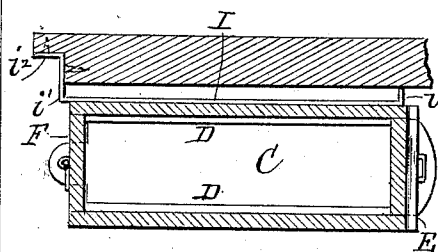


FIG. 3.

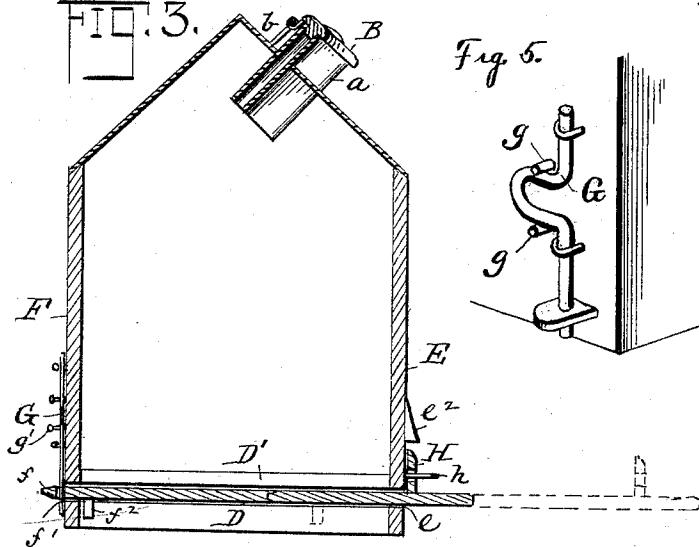


FIG. 5.

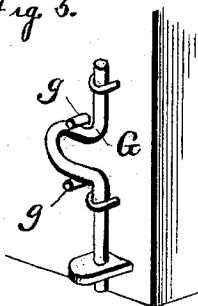
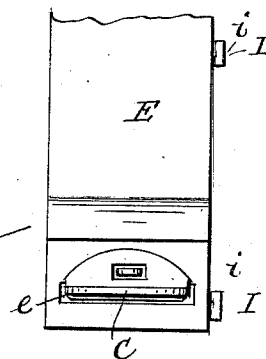


FIG. 4.



WITNESSES:

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HOUSE-DOOR LETTER-BOX.

SPECIFICATION forming part of Letters Patent No. 448,500, dated March 17, 1891.

Application filed October 2, 1890. Serial No. 366,837. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM BUSSARD, a citizen of the United States, residing at Port Jefferson, in the county of Shelby and State of Ohio, have invented certain new and useful Improvements in Mail-Boxes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to mail-boxes which are designed for private use and to be attached to the door-frame.

The object of the invention is to provide a box that will be neat in appearance and which will shed water and prevent pilfering.

Another object of the invention is to provide means of attachment for securing the box to the door-frame without marring or defacing the latter.

The improvement consists of the novel features which will be hereinafter more fully described and claimed, and which are shown in the annexed drawings, in which—

Figure 1 is a perspective view, parts being broken away, of a door-frame, showing the application of my invention. Fig. 2 is a cross-section showing the means for securing the box to the door-frame. Fig. 3 is a vertical section of the box, showing the bottom drawn out by dotted lines. Fig. 4 is a front view of the lower portion of the box of the side which is designed to come opposite the door. Fig. 5 is a detail view of the mechanism for locking the sliding bottom to the box.

The box A is Gothic in style and is provided with a letter-chute *a* in one of the sloping sides of its top. This chute *a* projects from the opposite sides of the top a short distance to prevent pilfering and exclude the entrance of water into the box. The flap B, which closes the outer end of the chute *a*, is hinged to the staple *b*. The bottom C is constructed to slide on ways D D and out through opening *e* in the side E. The bottom is held from tipping up when drawn out by the strip D'. The extension *f* at the rear end of the bottom projects through opening *f'* in the side F and is engaged by the bolt G, which holds said bottom shut. This bolt slides vertically and has the loop extension, which can be turned above or below the pins *g'* to hold the said bolt in either an elevated position or at its lowest limit. The side F and the bolt G coming next to the door, no lock

is required for the said bolt, because the latter cannot be tampered with when the door is closed, and the looped extension *g* is turned below the pin *g'*. The bottom is limited in its movements by the stop *f*² depending from its under side. The vertical strip or flange H on the upper side of the front end of the bottom is apertured to receive the staple *h* on the side E, and a lock (not shown) passed through said staple *h* secures the bottom. The inclined strip *e*² on the side E just above the flange H sheds the water and prevents entrance of the same into the box. The body of the box may be made of sheet metal or cast-iron. If cast, it may be made in sections, which are bolted or riveted together, or the sides and the top may be cast together. The metal strips I I, two being provided, one near each end of the box, are riveted to the box and have one end bent at *i* to rest against the door-jamb and the other end bent at *i'* at right angles and out again at *i*², parallel with the strip I, to fit in the rabbet of the door-jamb. The bent end *i'* *i*² of the strip is mortised in the said rabbet of the door-jamb so as to be out of the way and not interfere with the closing of the door. The mail is thrust into the box through chute *a* and is removed therefrom by sliding out the bottom C, the latter being unlocked at each end prior to its withdrawal.

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

The hereinbefore-specified mail-box having sloping top and having a chute in the said top which projects a short distance from each side thereof, a flap for closing the end of the chute, hinged to a staple that projects from the said top, a bottom adapted to slide through opening *e* in a side of the box on ways D D, strip D' for holding the bottom down on the ways D D, the bottom having an extension *f* at its rear end to pass through opening *f'* in the rear side of the box, the bolt G to engage with and lock extension *f*, the flange H on the upper side of the bottom, the staple *h*, and a suitable lock for staple *h*, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM BUSSARD.

Witnesses:

SILAS D. HANEY,
JAMES HANEY.