

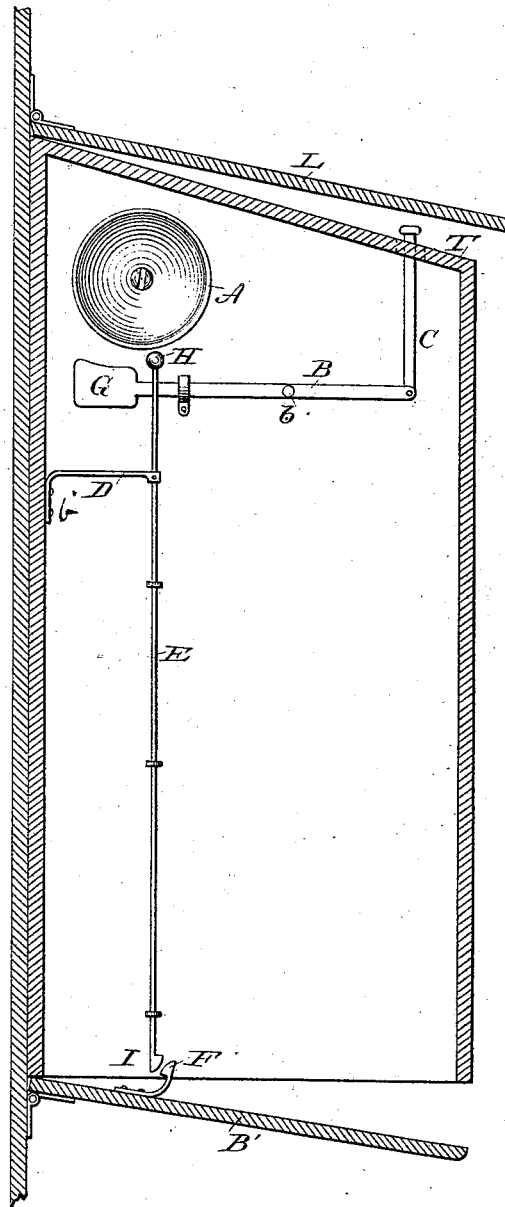
(No Model.)

G. C. HENRY.

LETTER BOX.

No. 301,889.

Patented July 15, 1884.



Witnesses:

H. C. Hadley
W. S. Hammond

Inventor:

Geo. C. Henry

UNITED STATES PATENT OFFICE.

GEORGE C. HENRY, OF BURLINGTON, IOWA.

LETTER-BOX.

SPECIFICATION forming part of Letters Patent No. 301,889, dated July 15, 1884.

Application filed April 16, 1884. (No model.)

To all whom it may concern:

Be it known that I, GEORGE C. HENRY, a citizen of the United States, residing at Burlington, Des Moines county, Iowa, have invented a new and useful Improvement in Letter-Boxes, of which the following is a specification.

My invention relates to improvements in letter-boxes; and the object of it is to provide with an alarm the letter-box of Abner S. Cook, Patent No. 298,733, for the purpose of advising of the arrival of mail and to prevent abstraction from the box by thieves. This I accomplish by the device illustrated in the accompanying drawing, which is a vertical section of the letter-box with my alarm attached.

A is a call-bell, gong, or other suitable alarm, fastened to the inside of the box near the top thereof. Immediately beneath A, I pivot the hammer-rod B, provided with hammer G, to the side of the box at *b'*, and connect the end of it by an elbow-joint to the perpendicular lever-arm C, the upper end of which passes through a perforation in the top T of the box and forms a slight projection when the lid L is raised.

D is a flexible rod, preferably of steel, clamped or otherwise suitably fastened to the side or back of the box at *b'*, to act as a spring. To the projecting end of D is attached a perpendicular striking-rod, E, provided with a shoulder, I, to engage a catch, F, suitably fastened to the bottom B' of the box.

The operation of my invention is as follows: When the lid L is raised the weight of hammer G causes C to project, and when released the closing-spring, by which it is fastened, will cause it to strike the lever-arm C and bring

the hammer G with force against the alarm A. The bottom B of the box, when opened, will, by the catch F and the rod E, pull the spring D downward. As soon as the catch F becomes detached from the shoulder I, as it will when the box-bottom is further opened, the spring D will cause the upper end of the rod E to strike violently against the alarm A.

It is evident that I need not confine myself to any particular form of alarm, nor to any particular construction of hammer, rods, lever, spring, or catch; nor do I confine myself to placing the device shown or its equivalents inside of the box. It may be placed on the outside, though the inside is preferable on account of weather.

I do not broadly claim an alarm as herein shown and described.

What I claim, and desire to secure by Letters Patent, is—

1. In a letter-box having lid L and bottom B attached thereto by closing-springs, an alarm composed of the bell or gong A, the rod E, provided with hammer G, and pivoted at *b*, and the lever-arm C, substantially as and for the purpose herein described.

2. In a letter-box, provided with lid L and bottom B, attached thereto by closing-springs, an alarm consisting of the bell or gong A, the spring D, and the striking-rod E, fastened to D, and provided with shoulder I, to engage the catch F, substantially as and for the purpose herein described.

GEORGE C. HENRY.

Witnesses:

JOHN W. SMITHER,
G. B. JOHNSTON.