G. W. BIGELOW.

Burglar Alarm.

No. 27,772. Patented April 10, 1860.

Fig: 1.

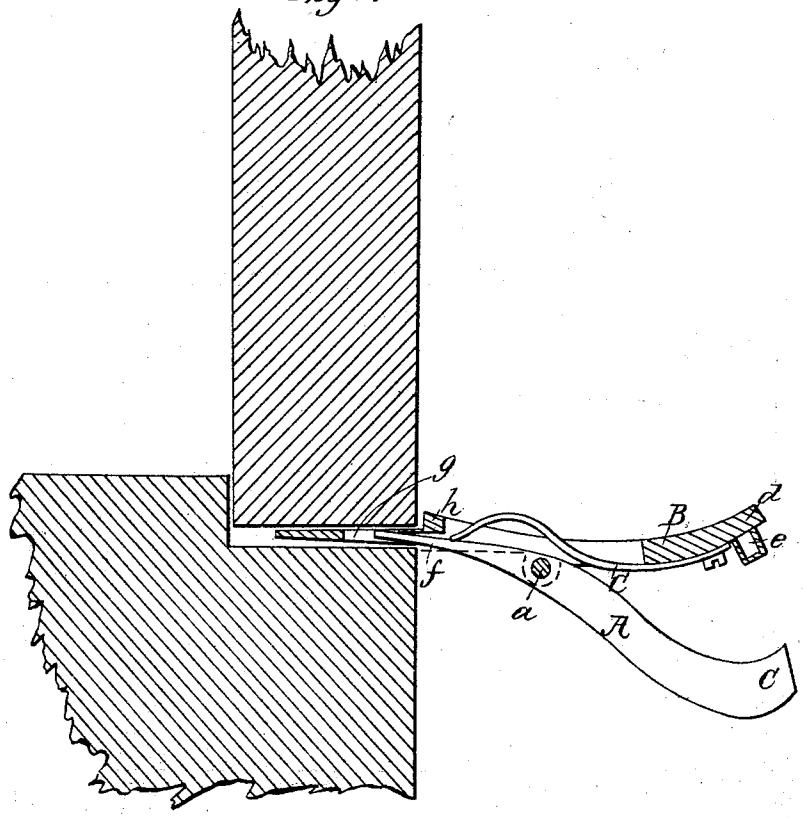
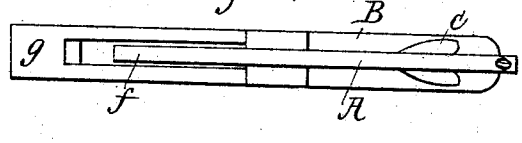


Fig: 2.



Witnesses.

J. W. Combs

R. S. Spencer

Inventor.

G. W. Bigelow

Per Munn & Co

Attorneys

N. PETERS. Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

GEO. W. BIGELOW, OF NEW HAVEN, CONNECTICUT.

BURGLAR-ALARM.

Specification of Letters Patent No. 27,772, dated April 10, 1860.

To all whom it may concern:

Be it known that I, GEO. W. BIGELOW, of New Haven, in the county of New Haven and State of Connecticut, have invented a new and Improved Burglar-Alarm; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming a part of this specification, in which—

Figure 1, represents a horizontal section of a door with my alarm applied to it. Fig. 2, is a plan or top view of my invention.

Similar letters of reference in both views indicate corresponding parts.

This invention consists in arranging two pivoted jaws in combination with a spring in such relation to each other that the tapering end of one of the jaws, can be depressed into a slot in the end of the other jaw, and that both together, when thus compressed can be inserted into the crack of a door or window up to a shoulder which projects from one of said jaws, so that when the door is opened, one of the jaws strikes against a nipple attached to the other one, and by exploding a cap placed on said nipple frightens the burglar and arouses the inmates of the house.

To enable those skilled in the art to make and use my invention I will proceed to describe its construction and operation with reference to the drawing.

Two jaws A B, are connected by a pivot *a*, and a spring C, which is connected to the jaw B, forces the ends *c*, and *d*, of the two jaws together. A nipple *e*, is secured in the end *d*, of the jaw B, and the end *c*, of the jaw A, forms a hammer which by striking against the nipple explodes a cap that may be placed on the same. The other ends *f* and *g*, of both the jaws are tapering, and the end *g*, of the jaw B, is slotted so that the tapering end of the jaw A, can be depressed into the same as clearly shown in Fig. 1, in the drawing. When thus compressed both ens *f* and *g*, of the jaws together are inserted into the crack of a door or window and a shoulder *h*, on the jaw B, bears against the door or window. In applying my invention to a door, care must be taken to have the shoulder bear against the door and not against the case or frame, and when applied to a window which slides up, the shoulder ought to rest on the frame of the inner sash. A percussion cap is now placed on the nipple *e*, and the alarm is ready for operation.

If the door or window is pushed open, the tapering ends of the jaws are disengaged from the crack and the hammer *c*, of the jaw A, is brought down with considerable force on the nipple. The cap explodes and the noise frightens the burglar if such a person attempted to enter the room, and the inmates of the house or room are aroused. The simplicity of this alarm and its compactness are unsurpassed, it can easily be carried in the pocket, and it is of peculiar advantage to travelers when stopping in hotels, so as to prevent dishonest persons from entering their rooms at night.

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

The arrangement of the pivoted jaws A, B, with the tapering ends *f*, *g*, and with the hammer *c*, and nipple *e*, in combination with the spring C, constructed and operating substantially as and for the purpose described.

GEORGE W. BIGELOW.

Witnesses:

H. B. BIGELOW,

CHARLES IVES.