

J. ALLEN.
BURGLAR-ALARM.

No. 179,391.

Patented July 4, 1876.

Fig. 1.

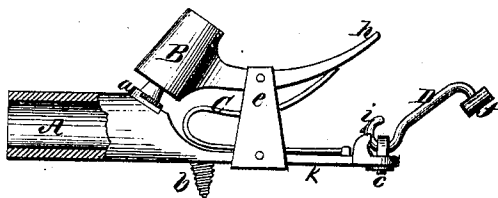
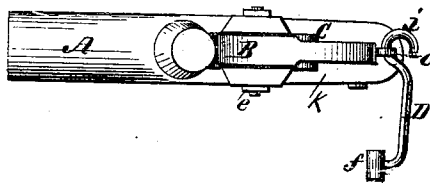


Fig. 2.



Witnesses.

W. P. Bailey
Sam. A. Fisher

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JEDIDIAH ALLEN, OF INDIANAPOLIS, INDIANA.

IMPROVEMENT IN BURGLAR-ALARMS.

Specification forming part of Letters Patent No. **179,391**, dated July 4, 1876; application filed January 25, 1876.

To all whom it may concern:

Be it known that I, JEDIDIAH ALLEN, of Indianapolis, county of Marion, State of Indiana, have invented a new and useful Improvement in Burglar-Alarms, of which the following is a description, reference being had to the accompanying drawings.

My invention relates to burglar-alarms; and it consists of the construction, arrangement, and combination of devices, as fully set forth in the annexed claim.

Figure 1 represents a side elevation of my improved burglar-alarm. Fig. 2 is a top view of the same.

A represents the barrel, which is provided with a nipple, *a*, in the usual manner. The rear end of the barrel is forged or cast so as to form a bed-plate or rear projection, *K*, which is so arranged as to support the hammer mechanism, which will be hereafter described. On the under side of the bed-plate *K* is attached a gimlet-pointed screw, *b*, which is designed to hold the alarm mechanism wherever it may be placed. On each side of the bed-plate *K* are secured standards *e*, and to the upper ends of these standards the hammer *B* is pivoted by means of the extended curved arm *h*, as shown. Between the standards *e* is located the spring *C*, one end of which is firmly secured to the bed-plate *K*, and the other end rests against the lower side of the arm *h* of the hammer *B*,

as shown. At the rear of the bed-plate *K* is arranged a swivel-eye, *c*, in which is hooked one end of the trigger *D*, and the hook is prevented from coming out of the eye by means of the lug *i* on the hook. The other end of the trigger *D* is bent at a right angle, and is provided with a knob or ball, *f*, in the manner shown. The trigger must be free to move in any direction in connection with the swivel-eye *c*.

To operate my improved alarm, the mechanism is first secured to the door or window frame by means of the screw *b*, in such a manner as to allow the trigger *D* (when set) to be over the edge of the door or window. The hammer is then drawn back, and the end *h* is hooked under the lug *i* of the trigger. A cap is then placed on the nipple, and the apparatus is ready to sound an alarm when the door or window is tampered with.

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

The combination of the curved hammer *B*, nipple *a*, spring *C*, and hooked trigger *D*, swiveled to the bed-plate *K* of the alarm, and adapted to be operated by the opening of the door or window, in the manner set forth.

JEDIDIAH ALLEN.

In presence of—

ALFRED HAYWOOD,
DAVID P. STIRK.