

(No Model.)

J. ISRAEL.
BURGLAR ALARM.

No. 386,135.

Patented July 17, 1888.

Fig. 2.

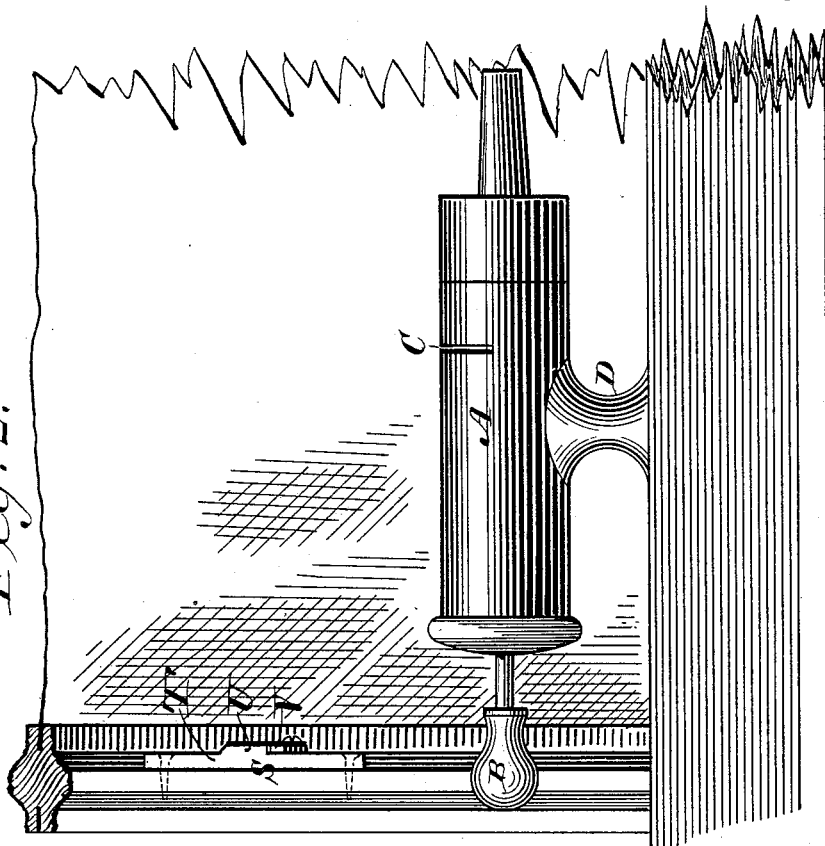
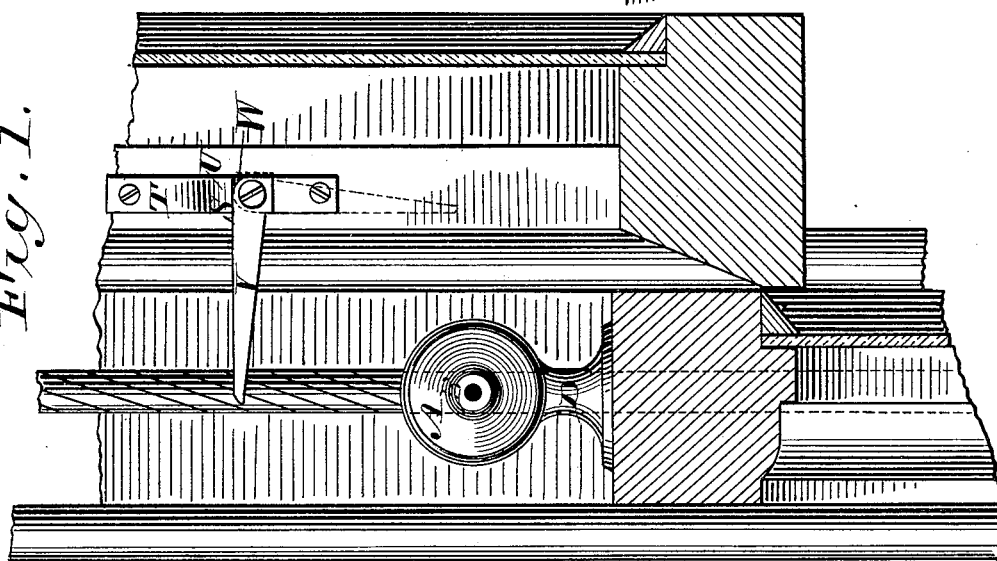


Fig. 1.



WITNESSES.

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JOHN ISRAEL, OF ST. LOUIS, MISSOURI.

BURGLAR-ALARM.

SPECIFICATION forming part of Letters Patent No. 386,135, dated July 17, 1888.

Application filed May 21, 1888. Serial No. 274,464. (No model.)

To all whom it may concern:

Be it known that I, JOHN ISRAEL, of St. Louis, in the State of Missouri, have invented certain new and useful Improvements in Burglar-Alarms, of which the following is a specification, reference being had to the accompanying drawings.

My improvements relate to detonating burglar-alarms of the class shown in my United States Patents Nos. 193,002 and 224,017.

The object of my present invention is to provide mechanism for tripping the spring-plunger and firing the alarm mechanism when applied to a window-sash.

In the accompanying drawings, Figure 1 shows so much of a window-sash, partly in section, as is necessary to exhibit a trip attachment applied to a sash so as to fire my detonating burglar-alarm, and Fig. 2 is a view of the same at right angles to that shown in Fig. 1.

Referring to the letters upon the drawings, A indicates a hollow cylinder provided with a spring-plunger, B, a fulminate-slot, C, and a standard, D, all substantially as shown in my said patent, No. 193,002.

S indicates a trip attachment to be used in connection with my said burglar-alarm when applied to a window-sash. It consists of a plate, T, which may be screwed to any suitable part of the sash. This plate is provided with a shoulder, U, and has pivoted to it an arm, V, rounded at W, so that it will turn a quarter of a revolution, and then be stopped by the shoulder, in the manner of half-opening or half-shutting a jackknife. The arm V

(see Fig. 1) projects out over the spring-plunger of the alarm mechanism, which latter is secured upon a horizontal upper part of the lower sash-frame, as illustrated, so that when the alarm mechanism is set and an attempt is made to raise the lower half of the window-sash the spring-plunger will strike against the projecting arm and disengage it and fire the fulminate, giving an alarm. The arm V is pivoted loosely to the plate T, so that when the burglar-alarm is not set for operation the arm will drop down by force of gravity out of the way of raising the lower sash, as indicated in dotted lines in Fig. 1.

What I claim to be new, and desire to secure by Letters Patent of the United States, is—

The combination, with the spring-plunger of a detonating burglar-alarm, of a trip attachment for use upon a window sash, consisting of the plate T, adapted to be screwed to the vertical part of a sash and provided with a shoulder, U, and the arm V, pivoted loosely to the plate and rounded at W, so as to turn a quarter of a revolution and be stopped by the shoulder U, the arm V also adapted to be set so as to project over the spring-plunger of the alarm mechanism and cause it to operate when a window is raised, substantially as set forth.

In testimony whereof I have hereunto subscribed my name.

JOHN ISRAEL.

Witnesses:

JACOB BOWER,
J. T. HOOK.