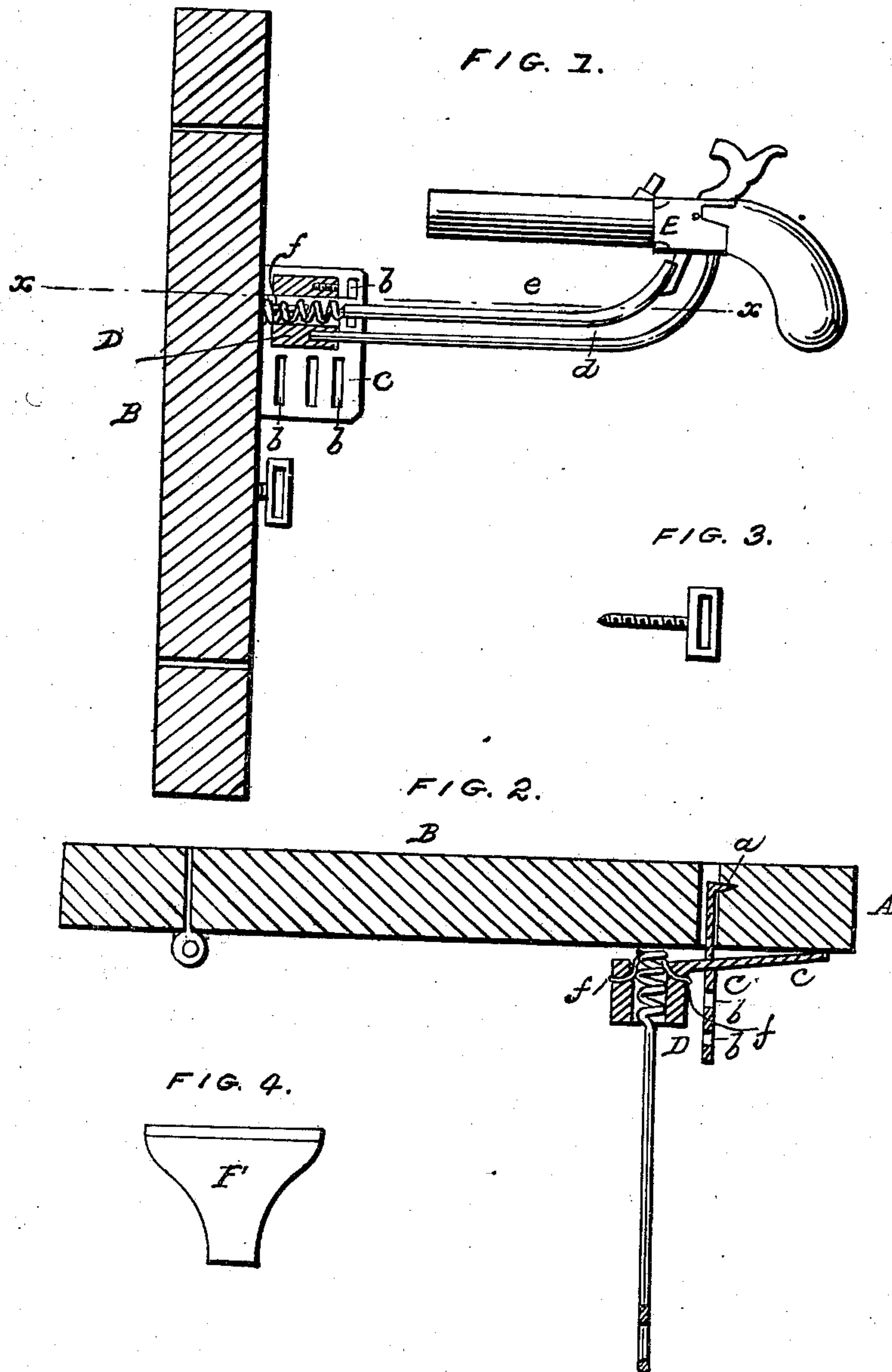


E. WARNE.

Burglar Alarm and Lock.

No. 49,940.

Patented Sept. 12, 1865.



WITNESSES:

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ELIJAH WARNE, OF BROADWAY, NEW JERSEY.

BURGLAR-ALARM AND LOCK.

Specification forming part of Letters Patent No. 49,940, dated September 12, 1865.

To all whom it may concern:

Be it known that I, ELIJAH WARNE, of Broadway, in the county of Warren and State of New Jersey, have invented a new and Improved Burglar-Alarm and Lock; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side view of my invention, partly in section, when set up, showing its application to a door. Fig. 2 is a transverse section of the same, taken in the line *xx*, Fig. 1. Fig. 3 is a modification of one part of the device. Fig. 4 represents the tool I use in some cases for attaching my invention.

Similar letters of reference indicate like parts.

My invention consists in the use and arrangement of a number of parts of novel construction, by which, when they are properly set up and adapted, I obtain a burglar-alarm which will operate so as to give the alarm on the least attempt to open the door, and which will serve as a lock to prevent the door being opened, as will be hereinafter explained.

To enable others to understand my invention, I will proceed to describe it.

A represents the side of a doorway, and B the door.

I will describe the several parts which compose my alarm and lock in the order in which they are set up or applied to the door B.

C is a flat metal plate, of a suitable size and thickness. Its lower edge, *a*, is turned over at right angles with the body of the plate, as shown in Fig. 2. Through this plate I cut several slots, *b b b*, at different distances apart, of a size to admit of the insertion through them of the arm *c*, attached to a hollow hub, D. This hub D has screwed into its rim or otherwise attached to it a rod, *d*, (see Fig. 1,) the other end of which rod screws into or is attached to an ordinary pocket-pistol, E, for supporting the same.

In the hole in the hub D there is inserted the end of another rod, *e*. The said end of the rod *e* is made in the form of a corkscrew, and it twists around an elastic band, *f*, placed across the inner end of the hole in the hub, for

the purpose of causing the rod to spring back after it has been pushed into the hub. The other end of this rod is so made and placed that it will bear against the trigger of the pistol in such manner as to discharge it should any longitudinal thrust of the rod *e* be caused by the door striking against its other end.

The device is applied in this way: First, should the construction of the casing and door render it necessary, the chisel or tool F (shown in Fig. 4) is driven into the casing sufficiently far to admit of a ready insertion of the edge *a* of the plate C, which is applied as represented more particularly in Fig. 2. The device D and rods *d* and *e* having been attached to the pistol in the manner above described, the arm *c* of the said device is thrust through such a slot in the plate C as will allow it to lie quite near the door. On opening the door it presses against the rod *e*, which throws back the trigger and explodes the pistol. This gives the alarm. Now, should the burglar attempt to open the door and rush into the room, so as to surprise the sleeper before he became thoroughly awakened, it will be found that the arm *c*, in connection with the plate C, will prevent the door being opened. The edge *a* of the plate C is kept crowded into the casing of the door, and cannot be forced out of place without much exertion.

In Fig. 3, I show a modification or substitute for the plate C. It consists of a screw-nut, with a head so formed as to admit of the insertion through it of the arm *c* of the device D. This is to be screwed or driven into the casing of the door, and it will be found desirable, when it would be inconvenient to apply the plate C, or when a permanent fixture is required, and when the arm *c* of the device D is thrust through this eye a lock is provided strong enough to withstand any force that any ordinary lock or bolt would.

The pistol may be disconnected from the several parts constituting the alarm and loaded and used for a pocket-pistol, and it may be again connected without much trouble.

All the parts of this device are very simple and very readily applied, and they are so few in number that the alarm will commend itself to all persons. They act as an alarm and as a lock, which I am not aware has ever before been made in so satisfactory a manner.

The use of a portion of the device simply as a lock for travelers to carry and apply to their doors is a point which recommends itself to all.

I do not limit myself to the particular form and construction of the parts herein described.

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

A burglar-alarm and lock consisting of the

parts herein described or their equivalents, combined and operating substantially in the manner above described.

ELIJAH WARNE.

Witnesses:

M. M. LIVINGSTON,

C. L. TOPLIFF.