

No. 623,019.

Patented Apr. 11, 1899.

H. A. HOLLOMAN.

BURGLAR ALARM.

(Application filed May 17, 1898.)

(No Model.)

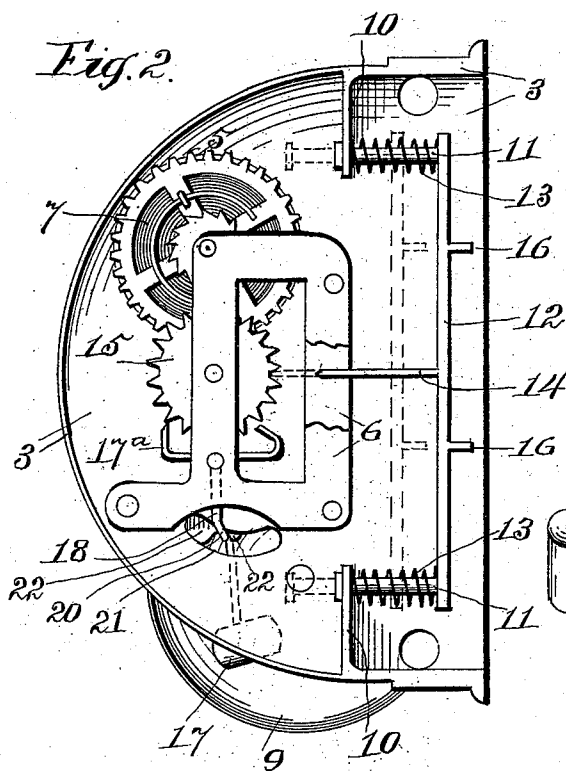
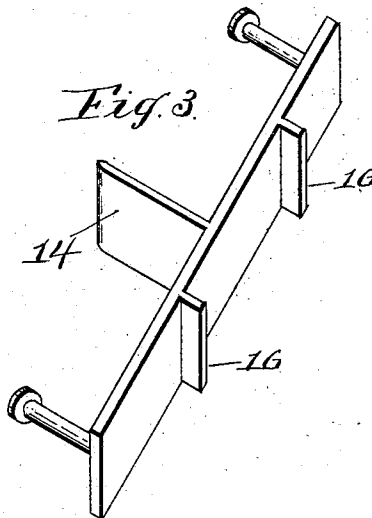
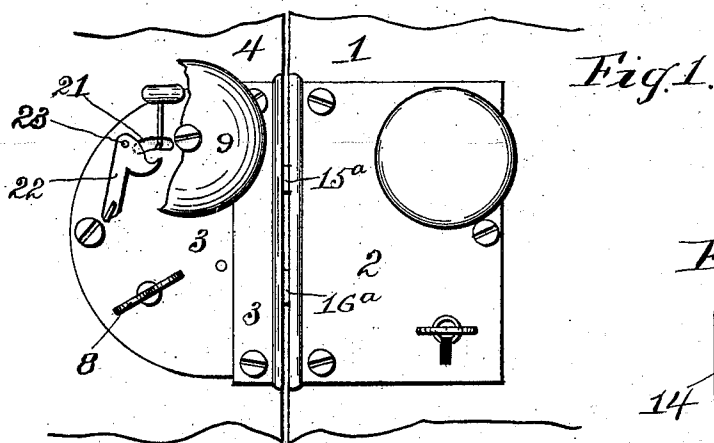
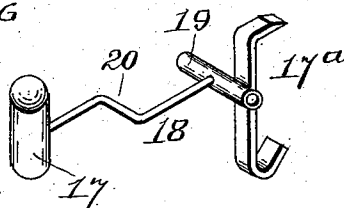


Fig. 4.



Witnesses.

Joseph Kelly,
Wallace Crossman

Inventor.

Harvey A. Holloman
By C. J. Kelly,
Attorney.

UNITED STATES PATENT OFFICE.

HARVEY ALLEN HOLLOMAN, OF GREENVILLE, TEXAS.

BURGLAR-ALARM.

SPECIFICATION forming part of Letters Patent No. 623,019, dated April 11, 1899.

Application filed May 17, 1898. Serial No. 680,935. (No model.)

To all whom it may concern:

Be it known that I, HARVEY ALLEN HOLLOMAN, of Greenville, in county of Hunt and State of Texas, have invented a new and
5 Improved Alarm Attachment, of which the following is a specification.

This invention relates to burglar-alarms; and the object of the invention is to provide an improved alarm device adapted to be carried by the door-hasp and engaged by the
10 latch and lock to hold the device in normal position, the alarm being sounded simultaneously with the disengagement of the latch or bolt, or both, with said device, with or without opening the door.

In the drawings, Figure 1 is an elevation of the lock and hasp in position on a door, the latter being partly broken away. Fig. 2 is an interior plan view of the hasp containing my invention, showing in dotted lines the
20 finger of the slidable plate engaging the alarm mechanism. Fig. 3 is a perspective view of the slidable plate. Fig. 4 is a perspective view of the escapement and its hammer-arm.

The same numeral references denote the same parts throughout the several figures of the drawings.

The door 1 is provided with an ordinary lock 2, and the hasp 3 is secured to the door-jamb 4 in the usual way. The hasp is semi-circular and of sufficient depth to accommodate the alarm-operating mechanism 5, which is held in and to the hasp by means of a frame 6, said mechanism being given motive
35 power by means of a spring 7, wound by a suitable key 8 from the outside of the hasp, the latter having a suitable bell 9 secured thereto. The hasp has inward projections 10, through which work pins 11 upon the ends of the slidable plate 12. The pins 11 carry spiral
40 springs 13, one end of which bears against the said projections 10 and the other end against the plate 12. The plate 12 has a finger 14, adapted when the plate is pushed inward to engage the escapement-wheel 15 of the driving mechanism and hold the latter against movement. Upon the opposite side of the plate from said finger are two projections 16, adapted to be engaged one by the door-latch

15^a and the other by the lock-bolt 16^a, and when so engaged the parts are inactive, as shown in Fig. 2.

The movement of the escapement is imparted to the bell by means of a hammer 17 and an arm 18, secured to a sleeve 19, to which sleeve the escapement 17^a is also secured. This arm 18 has a bent portion 20, which extends through a slot 21 in the hasp, where it is held to prevent sounding the bell by a lever 22, pivoted at 23.

It is obvious that when the door is closed the latch and lock will engage the projections 16 and force the finger 14 in engagement with the escapement-wheel, the lever 22 having been turned to free the escapement-arm 18. Thus the alarm and its driving mechanism are set, and simultaneously with the turning of the latch and lock-bolt 16^a to disengage them from the said projections 16, which permits the slidable plate to drop or fall, carrying with it the finger 14 away from the escapement-wheel, the driving mechanism is started and sounds the bell.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a burglar-alarm the combination, with a hasp having a suitable bell, and the alarm-operating mechanism in the hasp, of the spring-controlled slidable plate carried by the hasp and operated by a door latch or bolt to start and stop said mechanism without opening the door.

2. In a burglar-alarm the combination, with a hasp having a suitable bell, and the driving mechanism in the hasp, of the escapement-arm having a bell-hammer and adapted to impart the motion of the said mechanism to the bell to sound the latter, and the spring-controlled slidable plate having a finger on one side to engage said mechanism, and projections on the other side engaged by a door latch or bolt to operate the said plate.

HARVEY ALLEN HOLLOMAN.

Witnesses:

H. W. ROBERTS,
W. V. FISK.