

No. 694,380.

Patented Mar. 4, 1902.

C. H. HAWKINSON.
COMBINED BURGLAR ALARM AND DOOR CHECK.

(Application filed Nov. 6, 1901.)

(No Model.)

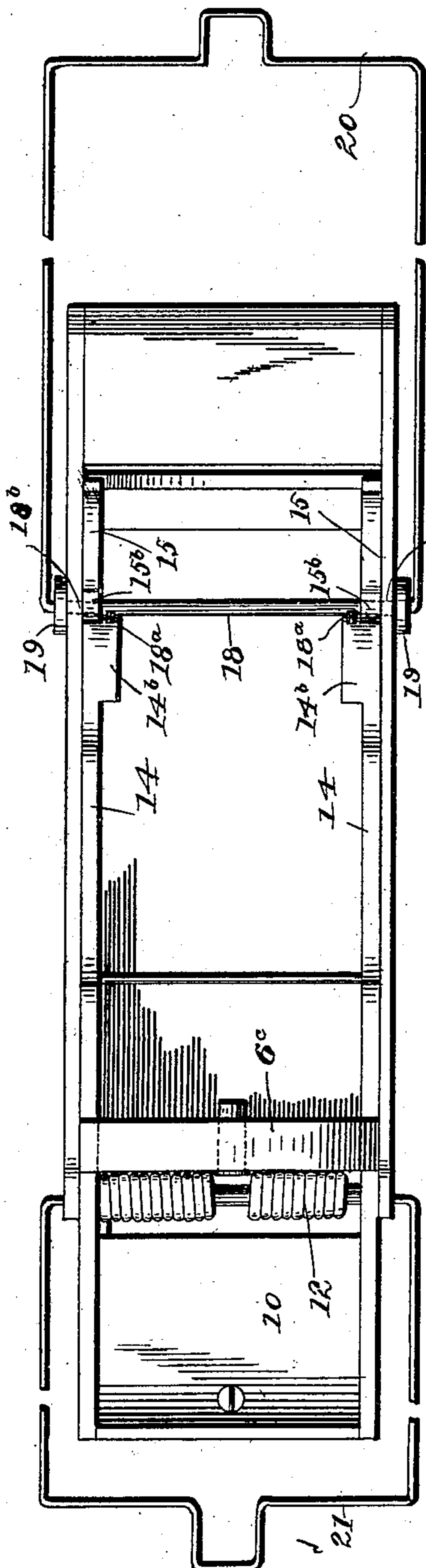


Fig. 1.

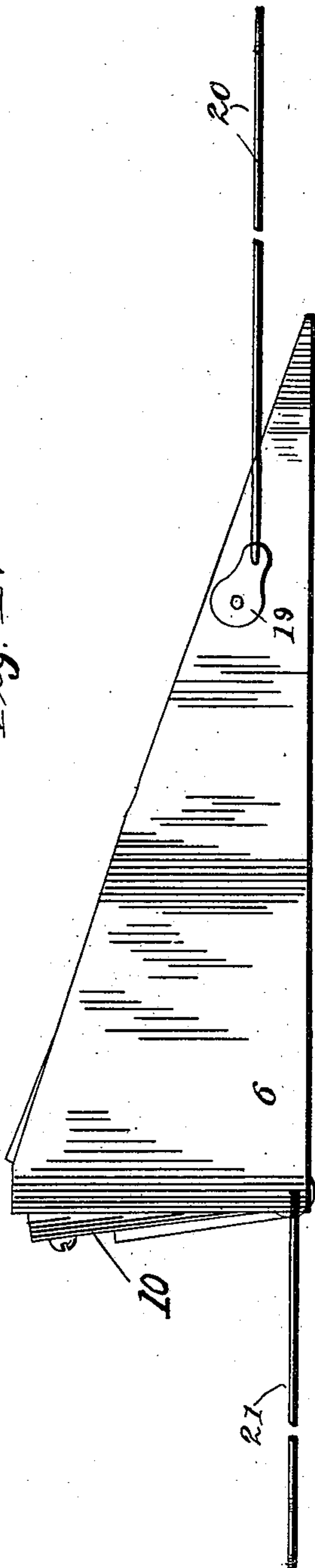


Fig. 2.

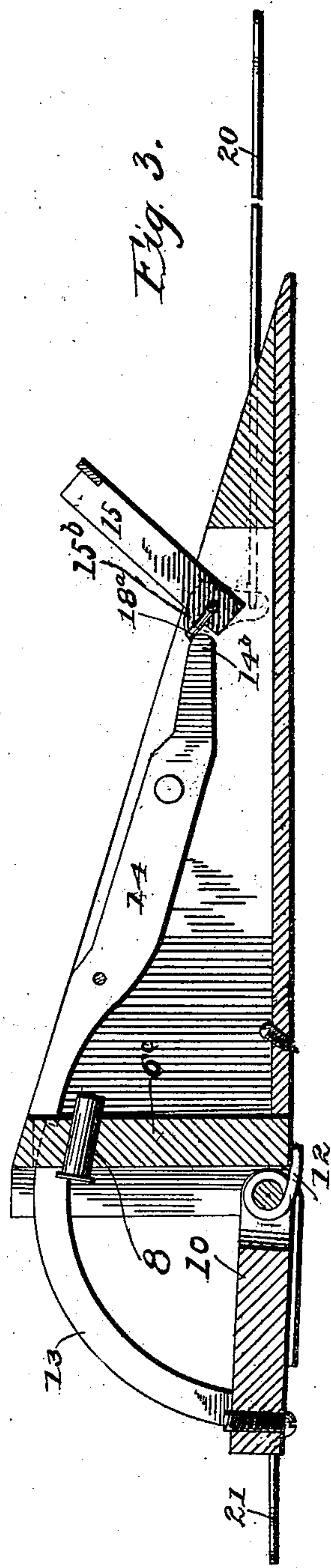


Fig. 3.

WITNESSES:

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COMBINED BURGLAR-ALARM AND DOOR-CHECK.

SPECIFICATION forming part of Letters Patent No. 694,380, dated March 4, 1902.

Application filed November 6, 1901. Serial No. 81,311. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. HAWKINSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in a Combined Burglar-Alarm and Door-Check; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to combined burglar-alarms and door-checks, and particularly to those in which the alarm is given by the discharge of a cap or cartridge and in which the door is checked by engagement of its lower edge against a wedge-shaped casing on the floor.

It is the object of my invention to provide such a device with means for causing the alarm-discharge by the movement of a door away from the device. Heretofore such devices have been useful only in connection with doors opening toward the same, the alarm being sounded by the contact of an inwardly-opening door with the device. By my invention the hammer-releasing mechanism is also capable of connection to an outwardly-opening door, so as to be actuated by movement thereof. The utility of such a device is thereby increased by rendering it capable of use with both of said kinds of doors.

In the drawings, Figure 1 is a top plan view of the device with the cover or top removed and the hammer cocked. Fig. 2 is a side elevation thereof in discharged position. Fig. 3 is a longitudinal section in cocked position.

The invention is particularly an improvement on and is shown in the drawings as applied to the device shown and claimed in my application Serial No. 63,300, filed June 5, 1901, and allowed September 26, 1901. Hence it is thought that an extended description of the old device is unnecessary. The improvement may, however, be used in connection with other devices of the same nature.

The casing is indicated at 6, having in the

rear wall 6^c thereof a cartridge-holding opening 8. The hammer is shown at 10, actuated by a spring 12 and having pivoted thereto the arms 13, which when the hammer is cocked abut against the ends of the levers 14, pivoted to the sides of the casing. When the device is operated by an inwardly-opening door, these levers 14 are operated by the toes 15^b of the triggers 15, as fully described in my prior application hereinbefore mentioned.

To permit the use of the device in connection with a door opening away from it, I use the new parts now to be described. A shaft 18 extends across the casing through perforations 18^b in the side walls thereof, which perforations form bearings for the shaft. Cranks 19 are secured to the projecting ends of said shaft outside the casing. The ends of a bail 20 are pivotally attached to these cranks, and by forward and backward movement of the bail the shaft is rocked. Pins 18^a project radially from the shaft in such position that when the bail 20 is pulled out or forward the pins will strike the tails 14^b of the lever 14 and lift the heads thereof out of supporting contact with the arms 13, whereby the hammer is released. Another bail 21 is fastened to the rear end of the casing and is designed to be hooked over a tack or screw put in the floor. In use the bail 20 will be attached by a cord or otherwise to an outwardly-opening door, and any movement thereof will turn the shaft and release the hammer, whereby the desired alarm will be sounded.

The improvement herein claimed does not interfere with the old use of the device, since the bail 20 is preferably made of such length and width that it can be turned back over the rear end of the device out of the way of a door opening toward the point of the wedge.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is—

In a combined burglar-alarm and door-check, the combination with a wedge-shaped casing, a spring-actuated hammer pivoted thereto, an arm pivotally connected to the hammer, and a supporting-lever for the hammer against the head of which the arm abuts to hold the hammer in cocked position, of a

trigger adapted to strike the tail of the lever
and release the hammer, said trigger project-
ing above the incline of the wedge to engage
a door opening toward the device and also
5 having a crank and connections attached
thereto to be actuated by a door opening from
the device.

In testimony whereof I affix my signature
in presence of two witnesses.

CHARLES H. HAWKINSON.

Witnesses:

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