

W. G. TILLMAN.
BURGLAR ALARM.
APPLICATION FILED JUNE 2, 1909.

957,635.

Patented May 10, 1910.

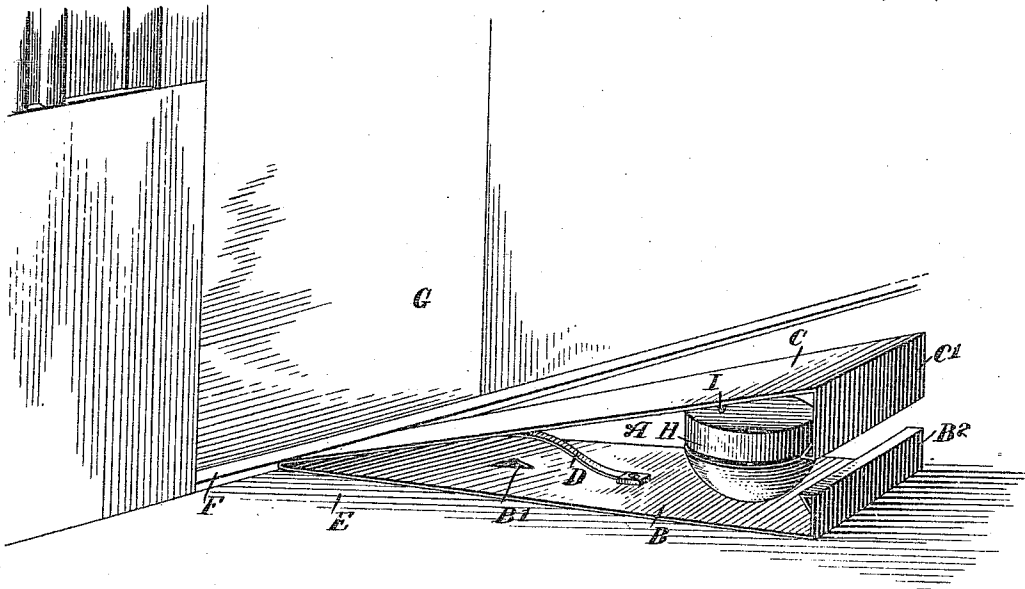


Fig. 1

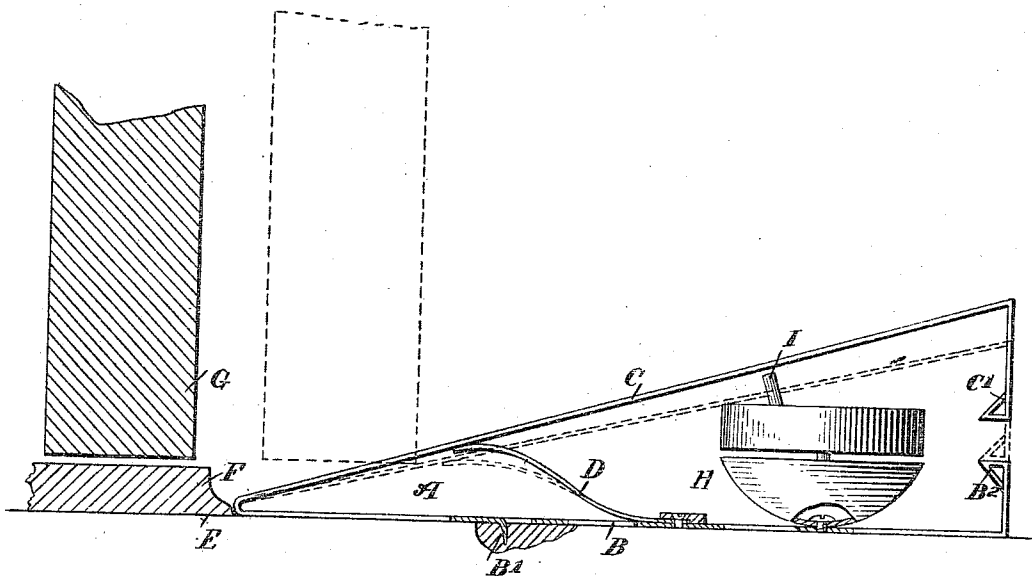


Fig. 2

WITNESSES
E. G. Bromley,
Thos. J. Weston,

INVENTOR
William G. Tillman
BY *Mumford*
ATTORNEYS

UNITED STATES PATENT OFFICE.

WILLIAM GEORGE TILLMAN, OF NEW YORK, N. Y., ASSIGNOR OF ONE-HALF TO HENRY WEINBERGER, OF ANSONIA, CONNECTICUT.

BURGLAR-ALARM.

957,635.

Specification of Letters Patent.

Patented May 10, 1910.

Application filed June 2, 1909. Serial No. 499,782.

To all whom it may concern:

Be it known that I, WILLIAM G. TILLMAN, a citizen of the United States, and a resident of the city of New York, borough of the Bronx, in the county and State of New York, have invented a new and Improved Burglar-Alarm, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved burglar alarm, more especially designed for use in connection with doors, so that when the door is opened by a burglar or other unauthorized person, then the alarm mechanism is actuated to sound a bell, and when the door is returned to closed position the sounding of the bell is temporarily continued.

The invention consists of novel features and parts and combinations of the same, which will be more fully described hereinafter and then pointed out in the claim.

A practical embodiment of the invention is represented in the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in both views.

Figure 1 is a perspective view of the improvement as applied; and Fig. 2 is a side elevation of the same, parts being in section.

The casing A of the burglar alarm is preferably made of spring metal in the shape of a wedge, having a base B and an incline C, pressed on by a spring D attached to the base B, the latter being provided with a downwardly-extending prong B', adapted to be driven into the floor E, so that the apex of the casing is adjacent to the sill F of the door G, as plainly illustrated in Figs. 1 and 2. On the base B is secured a bell H, preferably of the construction such as shown and described in the Letters Patent of the United States granted to Irad L. Garside, No. 512,435, dated January 9, 1894. The bell H is provided with an actuating push rod I, extending within a short distance of the incline C, at the time the latter is in normal position. Now when the alarm is in place, as shown in Figs. 1 and 2, and the door G is

swung open, then the door engages the incline C and swings the same downward, whereby the incline engages the push rod I and pushes the same downward, to actuate the hammer mechanism of the bell H, with a view to sound the same, thus giving the alarm. When the door G is returned to a closed position, then the incline C returns to its normal position by the action of the spring D and by its own resiliency, so that the actuating push rod I is released, and in doing so another alarm is sounded by the bell H. The downward swinging movement of the incline C is limited by a stop C', formed on the free end of the incline C, and adapted to engage a stop B² rising from the rear end of the base B of the casing A.

From the foregoing it will be seen that by the arrangement described an alarm is sounded on opening the door, and the alarm is continued on again closing the door, and the device can be readily placed in position at any time especially when a person retires in the room of a hotel or other place.

The burglar alarm is very simple in construction, takes up little room, and hence can be conveniently carried in a valise for use whenever desired.

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

A burglar alarm comprising a spring plate bent in wedge shape, the ends of the plate being at the short side of the wedge, and being spaced apart from each other, and each provided with an angular portion forming a stop for engagement by the opposite end, a spring between the plates, and a bell secured to one side of the plate and having an actuating push rod for engagement by the other side of the plate.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM GEORGE TILLMAN.

Witnesses:

CARLOS H. STORRS,
FRANK S. DAYTON.