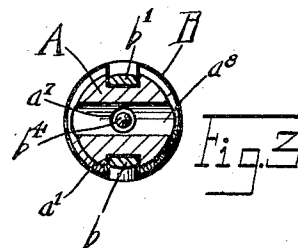
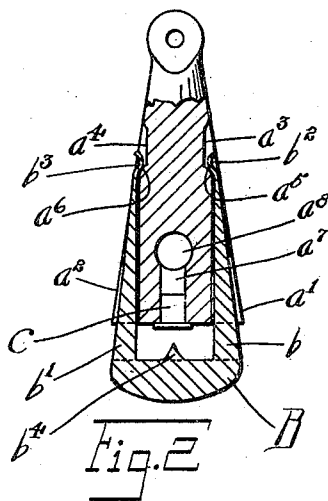
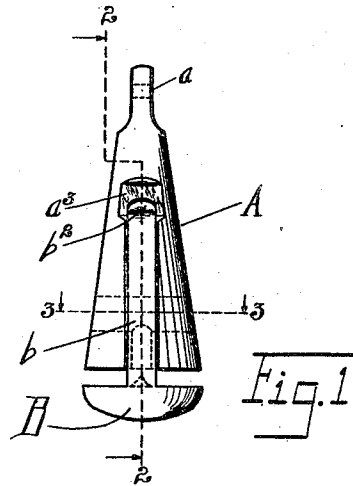


L. BRICHETTO.
BURGLAR ALARM.
APPLICATION FILED SEPT. 15, 1921.

1,419,954.

Patented June 20, 1922.

2 SHEETS—SHEET 1.



Inventor
Louis Brichetto
By *Walter D. Murray*
Attorney

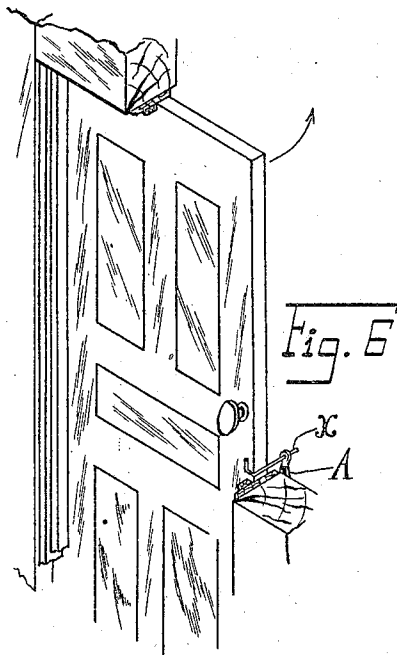
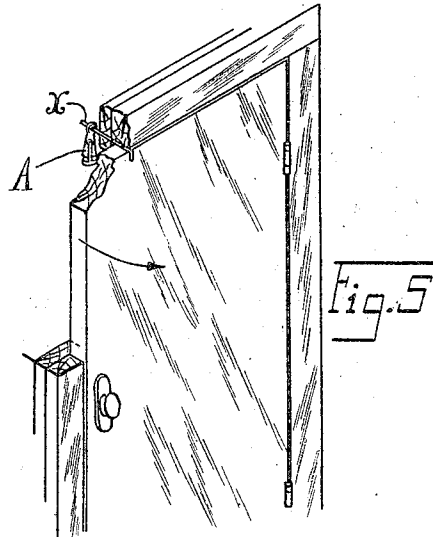
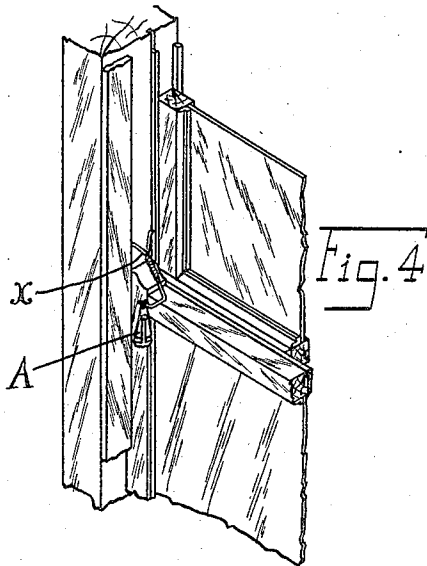
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UNITED STATES PATENT OFFICE.

LOUIS BRICHETTO, OF CINCINNATI, OHIO.

BURGLAR ALARM.

1,419,954.

Specification of Letters Patent. Patented June 20, 1922.

Application filed September 15, 1921. Serial No. 500,950.

To all whom it may concern:

Be it known that I, LOUIS BRICHETTO, a citizen of the United States of America, and a resident of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and useful Improvement in a Burglar Alarm, of which the following is a specification.

My invention relates to the class of alarm devices adapted to be suspended adjacent a door or window, and upon the opening of such window or door, to be precipitated, whereupon a blank cartridge carried thereby, is fired.

An object of my invention is to provide a device of the type referred to that is simple in construction and operation, and wherein the number of parts are reduced to a minimum.

Another object is to provide a device wherein the probability of injury to the parts thereof is minimized, whereby greater durability and prolonged service are attained.

These and other objects are attained by the means described herein and disclosed in the accompanying drawings, in which

Fig. 1 is an elevation of a device embodying my invention.

Fig. 2 is a sectional view on line 2—2 of Fig. 1.

Fig. 3 is a sectional view on line 3—3 of Fig. 1.

Figs. 4, 5 and 6 depict various ways of suspending the device.

My invention comprises a substantially pear-shaped weighted cartridge holder A having a transverse bore a in its upper or reduced end, through which a rod X may be passed in order to suspend same. The holder A has formed longitudinally of itself the substantially parallel ways a' and a'' , which at their upper ends terminate in a notched or cutout portion a^3 and a^4 respectively. Shoulders a^5 and a^6 are formed at the places of communication of the ways and the depressed or notched portions. The holder has an axial bore a^7 at its lower end which communicates at its upper end with a transverse bore a^8 . The axial bore a^7 is of such size as to accommodate a blank cartridge C.

A detonating cap B, having arms b and b' adapted to extend into the ways a' and a'' respectively in the holder, have formed at their upper ends the spring members b^2 and

b^3 respectively, which are adapted to engage the shoulders a^5 and a^6 respectively. A firing pin b^4 is formed upon the detonating cap and is adapted to engage the cartridge C. The detonating cap is rounded along its lower surface. The holder A and detonating cap B may be readily associated and disassociated by exerting sufficient pressure upon the parts so as to spring the members b^2 and b^3 over the shoulders a^5 and a^6 respectively.

To hold the holder, the cap B is disassociated from the holder and a blank cartridge is inserted in the bore a^7 . The spring members b^2 and b^3 and the arms b and b' are inserted in the ways a' and a'' , and the cap is moved toward the holder so as to cause the spring members to lie upon and engage the shoulders on the holder. The device is then ready to be suspended as shown in Figs. 4, 5 and 6. When the door or window, as shown in the referred to figures, is opened, the device is precipitated and on striking the ground the firing pin is driven into forcible contact with and explodes the cartridge.

What I claim is:

1. A burglar alarm comprising a cartridge holder having spaced ways extending longitudinally thereof and having shoulders formed at the inner end of the ways, and a detonating cap having arms and spring members on the ends of the arms, the arms being adapted to extend slidably into the ways and the spring members being adapted to engage the shoulders, whereby the cap is normally suspended from the holder.

2. A burglar alarm comprising a pear-shaped cartridge holder having substantially parallel spaced ways extending longitudinally thereof, and a bore in its larger end, the ways terminating intermediate the ends of the holder, and shoulders formed on the holder at the inner ends of the ways, a detonating cap, arms extending in substantial parallelism from the cap, adapted to be inserted in the ways, spring members formed on the free ends of the arms adapted to yieldingly engage the shoulders to suspend the cap from the holder, and a firing pin extending from the cap adapted to be projected into the bore in the larger end of the holder.

In testimony whereof, I have hereunto subscribed my name this 13th day of September, 1921.

LOUIS BRICHETTO.