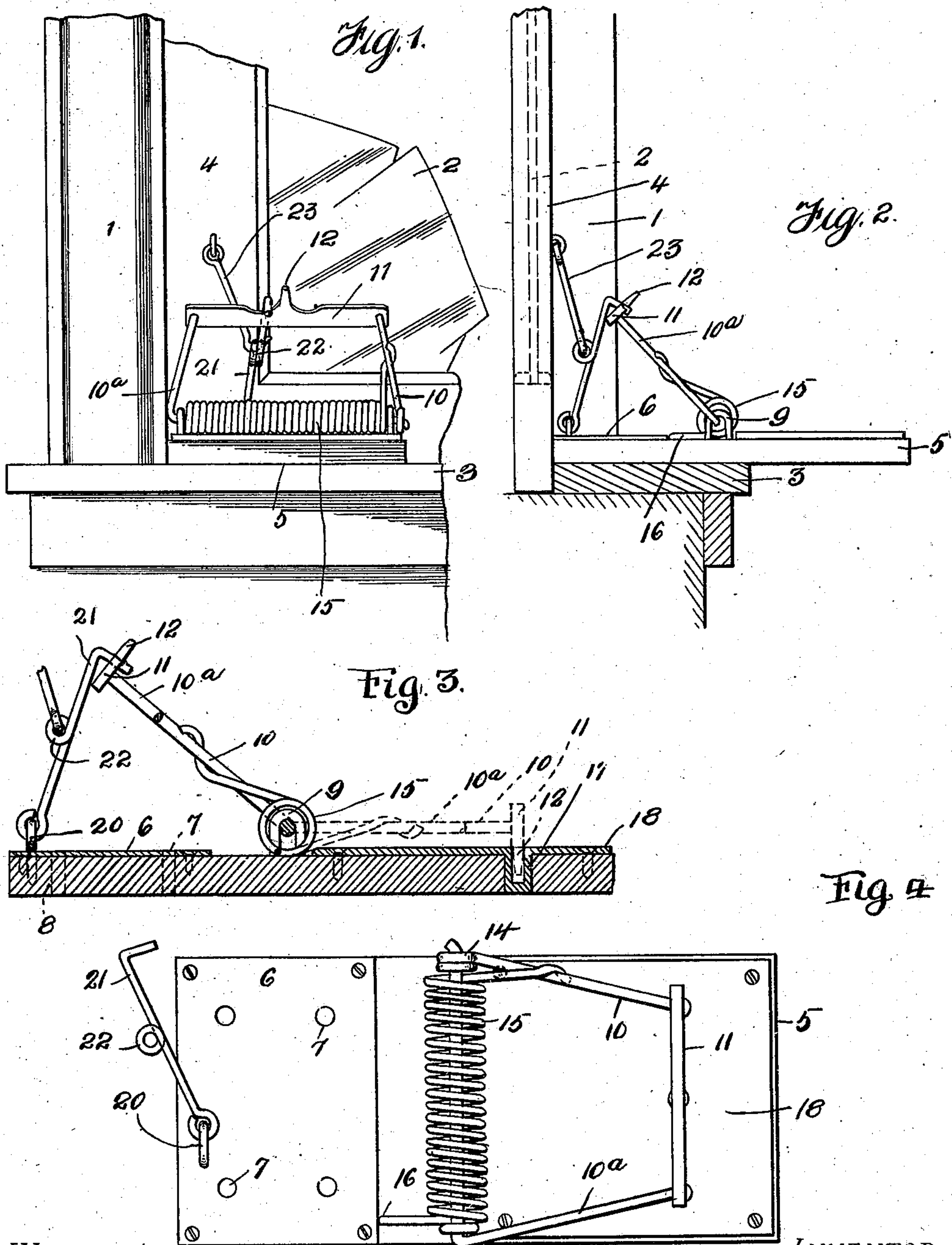


No. 881,674.

PATENTED MAR. 10, 1908.

A. FAUST.  
BURGLAR ALARM.  
APPLICATION FILED JULY 15, 1907.



WITNESSES:

*Samuel Dague*  
*R. H. Butler*

INVENTOR

*Adam Faust.*

By

*W. H. Everett & Co.*

Attorneys



# UNITED STATES PATENT OFFICE.

ADAM FAUST, OF PITTSBURG, PENNSYLVANIA.

## BURGLAR-ALARM.

No. 881,674.

Specification of Letters Patent.

Patented March 10, 1908.

Application filed July 15, 1907. Serial No. 383,815.

*To all whom it may concern:*

Be it known that I, ADAM FAUST, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Burglar-Alarms, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to improvements in burglar alarms, and the invention has for its object to provide a simple and inexpensive alarm, particularly designed for use in connection with windows, whereby when the sash of the window is surreptitiously raised the act will be easily detected by the sounding of alarm, intended to imitate the firing of a fire arm, which not only alarms the occupants of a building, but tends to scare the robbers or persons attempting to enter the building.

The burglar alarm can be easily mounted for use in connection with various kinds of windows having sashes adapted to be elevated. The construction of the alarm permits of its being easily reset after once being used, and placed out of commission during the day time or any time when it is desired not to use the alarm.

The detailed construction entering into my invention will be presently described, and then specifically pointed out in the appended claims.

In the drawings, Figure 1 is a front elevation of a portion of the window equipped with burglar alarm. Fig. 2 is a side elevation of a burglar alarm, as used in connection with the window. Fig. 3 is a longitudinal sectional view of the base plate of the alarm, and Fig. 4 is a plan of the alarm.

In the accompanying drawings, 1 indicates the window frame having movable sash, 2 indicating the glass pane held by the sash rails 4, and 3 indicating the window sill. Secured to the sill 3 adjacent to the sash rail 4 of the sash is a base plate 5, the end of said plate being provided with a metallic plate 6, provided with openings 7, alining with openings 8 formed in the plate 5. Screws or similar fastening means (not shown) can be employed to pass through the openings 7 and 8 and retain the base plate 5 in position upon the window sill 3.

The plate 5 intermediate its ends and at the sides thereof, is provided with staples 9 and pivoted in said staples is a wire frame

comprising side arms 10 10<sup>a</sup> and a head 11, said head being provided with a central firing pin 12. The end of the arm 10<sup>a</sup> extends through the staples 9 and receives the eyelet end 14 of the arm 10.

Surrounding the end of the arm 10<sup>a</sup> is a coiled spring 15 having one end 16 bearing upon the base plate 5, while the opposite end engages the arm 10. The spring 15 is normally under tension and is adapted to hold the wire frame in a horizontal position, or the firing pin 11 in a metallic socket 17 provided therefor, said socket being part of a metallic plate 18 secured to the base plate 5, as at 19. The plate 6 and the base plate 5 carry an eyelet 20, and loosely connecting with said eyelet is a hook 21 having a loop 22. Adapted to connect with the loop 22 is a hook 23 loosely connected to the sash rail 4 of the sash. When the burglar alarm is to be used, the wire frame is swung rearwardly and held in position by the hook 21. The hook 23 carried by the sash is then placed in engagement with the loop 22 of the hook 21. A cap, blank cartridge, or some explosive material or powder is placed in the socket 17 whereby a detonation will occur, when the wire frame is released and the firing pin 12 enters the socket 17. It is apparent that when the window sash is raised, the hook 21 will be removed from engagement with the head 11, releasing the wire frame which, by virtue of spring 15, is immediately moved into a horizontal position with considerable force.

The detonation caused by the releasing of the wire frame will be sufficient to sound the alarm, and especially if the device is not noticed by the burglars, the detonation will tend to scare the same, as a sufficient charge or quantity of explosive material will be used to imitate the firing of a gun.

From the foregoing description taken in connection with the drawings, it will be observed that I have devised an extremely simple burglar alarm, and although herein stated as applied to a window, it will be evident that its use is not confined to windows, but that the device is applicable for use in connection with other movable objects than that illustrated and described.

Having fully described my invention, what I claim and desire to secure by Letters Patent is:

1. In a burglar alarm, the combination with a movable-member, and a hook carried



thereby, of a stationary support provided in its upper face with a cap-receiving socket, staples carried by said support, a frame comprising side arms and a cross-head, the cross-head carrying a firing pin to engage a cap placed in said socket, one of the side arms of said frame pivotally engaged with one of said staples and the other of said side arms extended through both staples, a spring arranged thereon having one end engaged with one of said side arms and the other end thereof engaging the support, and a hook member pivoted to the support to engage the cross-head of said frame and normally hold the latter elevated, the said hook-member having an eye to receive the hook carried by said movable-member.

2. In a burglar alarm, the combination with a movable-member and a hook carried thereby, of a stationary support provided with a cap receiving socket, a hammer-frame

pivotally-mounted on the support and provided with a firing pin to engage a cap placed in said socket, a spring engaging the hammer frame for operating the same, and a hook-member pivotally mounted on the support to engage the hammer frame and hold the latter normally in an elevated position, the said hook-member provided with an eye to receive said hook carried by the movable member whereby when the movable member is actuated the hook-member is withdrawn from engagement with the hammer frame and the spring is free to force the latter against the support.

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

ADAM FAUST.

Witnesses:

MAX H. SROLOVITZ,  
C. A. RENZIEHAUSEN.