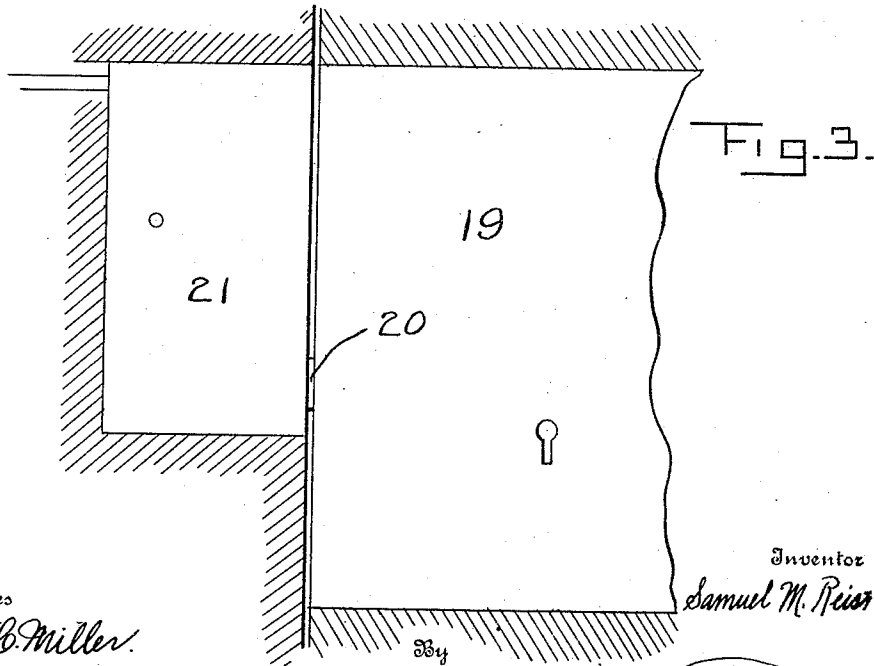
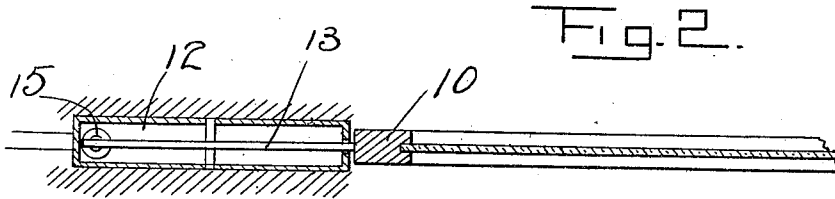
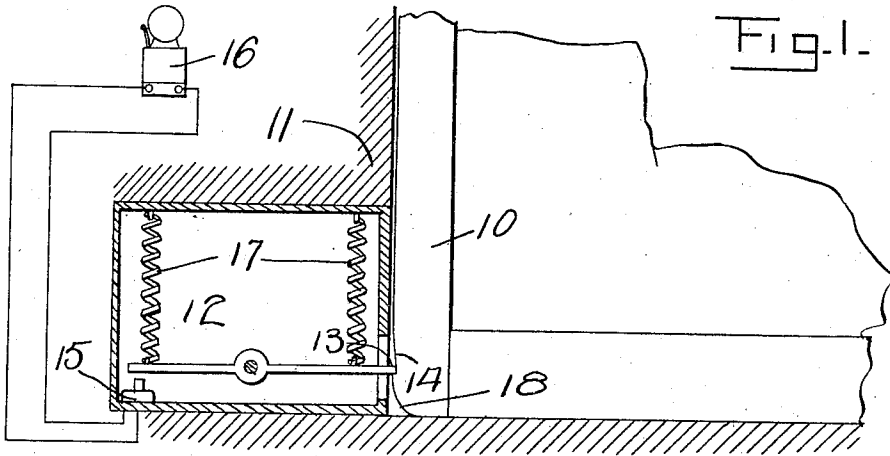


S. M. REIST.
BURGLAR ALARM.
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907,526.

Patented Dec. 22, 1908.



Witnesses

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SAMUEL MATHIAS REIST, OF MINERSVILLE, CALIFORNIA.

BURGLAR-ALARM.

No. 907,526.

Specification of Letters Patent.

Patented Dec. 22, 1908.

Application filed May 2, 1907. Serial No. 371,526.

To all whom it may concern:

Be it known that I, SAMUEL M. REIST, a citizen of the United States, residing at Minersville, in the county of Trinity, State of California, have invented certain new and useful Improvements in Burglar-Alarms; 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.

This invention relates to burglar alarms and has for its object to provide a very simple alarm of this class and one which can be applied to a window, door, or lock.

In carrying out my invention I employ a rocking arm which is adapted to be moved by the raising of the window sash or by the retraction of the locking bolt of a lock, to engage a push button which serves to close an electric circuit in which a bell is interposed. I propose to mount the rocking arm, in case the alarm is used upon a window, in a housing in the window frame, and in case it is used in conjunction with a lock, to mount the arm in the keeper for the bolt of the lock.

In the accompanying drawings, Figure 1 is a sectional view through a portion of a window and its frame showing the application of my invention, the invention itself being shown in elevation, except the casing, Fig. 2 is a horizontal sectional view showing the invention in top plan, Fig. 3 is a view similar to Fig. 1 but showing the application of the invention to a lock.

In the drawings there is shown one of the stiles 10 of a window sash and the adjacent jamb 11 of the window frame.

Secured in the jamb 11 of the window frame is a housing 12 which has an opening through that edge face which opposes the stile 10 of the window sash and pivoted at its middle in this housing is a rocking arm 13 one end of which projects through the opening and outwardly of the housing and in the path of movement of the stile 10 of the window sash, the said stile 10 being notched as at 14 for the engagement therein of the said arm it being understood that when the sash is raised, the shoulder formed by the notch will engage the said end of the arm 13 and will rock the arm.

A push button 15 or other suitable circuit closing device is arranged in the housing and is adapted to be engaged by the opposite end of the arm when the same is rocked so as to

close an electric circuit in which is interposed an electric bell 16 thus serving to indicate the fact that the window sash is being raised.

In order to hold the arm at all times in a substantially horizontal position, I provide a pair of springs 17 one of which is connected at its lower end to the arm adjacent one of its ends and the other to the arm adjacent its other end, both of the springs being secured at their upper ends to the top wall of the housing in which the arm is mounted.

In order that the arm may be caused to automatically engage in the notch 14 when the sash is lowered, the lower end of the stile 10 is beveled as at 18 it being understood that the springs will operate to swing the arm to its normal position as soon as the outer end of the same has passed the beveled portion 18 of the sash.

In applying my invention to a lock as shown in Fig. 3 of the drawings, the numeral 19 denotes a lock casing in general and 20 the lock bolt which is of course adapted to be shot by means of the usual key. The keeper for the bolt is indicated by the numeral 21 and is of the ordinary construction aside from the parts of my invention which are mounted therein. Mounted for rocking movement in the keeper is the rocking arm previously described and the push button to be engaged by the arm when rocked, and also the spring for holding the arm in its normal position, these several parts being indicated by the same reference numerals as before. In using my invention in this connection the sliding bolt 20 takes the place of the stile 10 of the window sash previously referred to and is notched in its upper edge as at 22 for the engagement therein of the lower end of the rocking arm and being beveled as at 23 as in the case of the stile 10.

What is claimed is—

1. The combination with a fixed element and a movable element, a rocking arm mounted upon the fixed element, a push button interposed in an electric signaling circuit and located upon the fixed element and adapted to be engaged by one end of the arm when the arm is rocked, the movable member being notched for the engagement therein of the other end of the arm whereby the arm may be rocked when the movable member is moved, and springs arranged to normally hold the arm out of engagement with the push button and in position for engagement by the movable element.

2. The combination with a fixed element and a movable element, a rocking arm mounted upon the fixed element, a push button interposed in an electric signaling circuit and located upon the fixed element and adapted to be engaged by one end of the arm when the arm is rocked, the movable member being notched for the engagement therein of the other end of the arm whereby the arm may be rocked when the movable member is moved, and means arranged to normally hold the arm out of engagement with the push button and in position for engagement by the movable element.
3. The combination with a fixed element and a movable element, a rocking arm mounted upon the fixed element, and a push button interposed in an electric signaling circuit and located upon the fixed element and adapted to be engaged by one end of the arm when the arm is rocked, the movable member being notched for the engagement therein of the other end of the arm whereby the arm may be rocked when the movable member is moved.
- In testimony whereof, I affix my signature, in presence of two witnesses.
- SAMUEL MATHIAS REIST.
- Witnesses:
J. O. HAMPTON,
G. L. DICKEY.