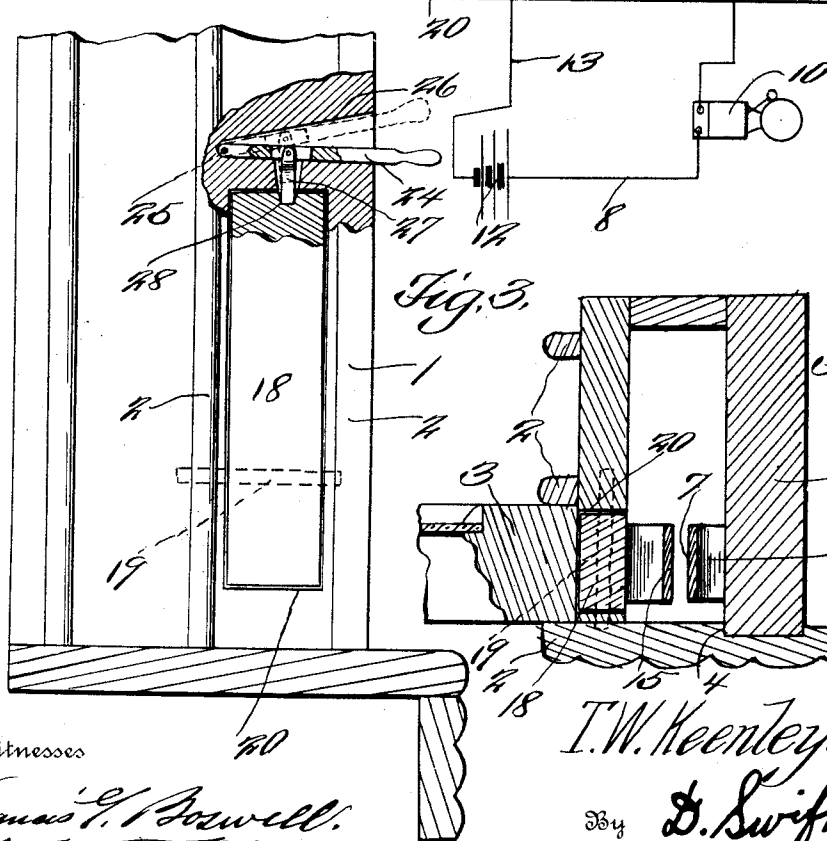
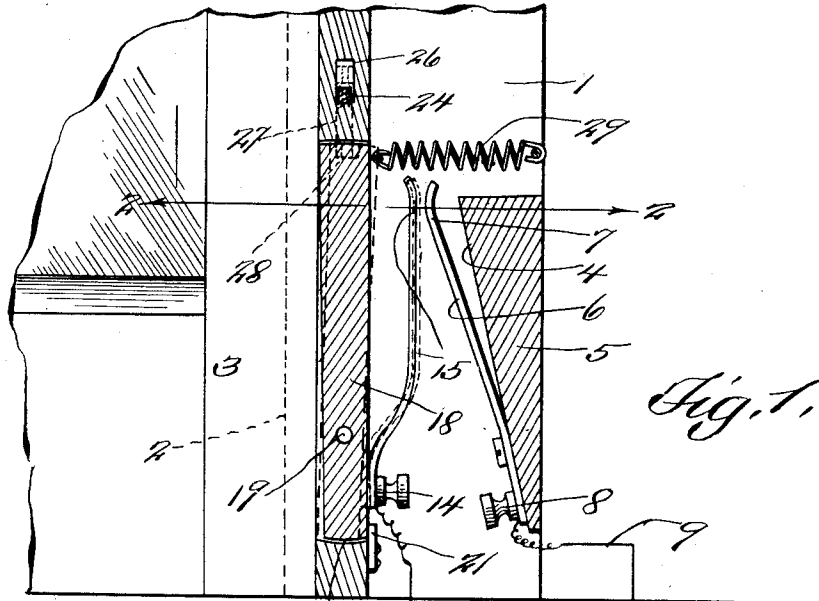


T. W. KEENLEYSIDE.
ELECTRIC BURGLAR ALARM.
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1,039,142.

Patented Sept. 24, 1912.



Witnesses

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UNITED STATES PATENT OFFICE.

THOMAS WILLIAM KEENLEYSIDE, OF BISBEE, ARIZONA.

ELECTRIC BURGLAR-ALARM.

1,039,142.

Specification of Letters Patent.

Patented Sept. 24, 1912.

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To all whom it may concern:

Be it known that I, THOMAS W. KEENLEYSIDE, a subject of the King of Great Britain, residing at Bisbee, in the county of Cochise and State of Arizona, have invented a new and useful Electric Burglar-Alarm; 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 improvements in circuit closers, which are employed to close the circuit in electric-burglar-alarm systems, and give an alarm when some movable object, such as a window, is moved to obtain access to a room or building.

One of the features of the invention is the provision of a latch for locking one member of the circuit closer, to prevent the same from operating to close the circuit, when it is desired that the alarm should not be given.

The invention comprises further features and combination of parts, as hereinafter set forth, shown in the drawings and claimed.

In the drawings:—Figure 1 is a vertical sectional view, through a portion of a window frame and its window, showing the circuit closer as applied. Fig. 2 is a transverse sectional view. Fig. 3 is a detail view.

Referring to the drawings 1 designates the window frame having the usual guide strips 2 for guiding the window sash 3. The window frame is formed with a recess 4, in which the member 5 is arranged. Secured to the member 5 is a plate 6, which constitutes the immovable contact member 7. A binding post 8 is carried by the plate 6 and has connected to it a wire or lead 9, which extends to the usual form of bell 10, which in turn is connected by a lead 8 to the battery 12. The battery 12 is connected by a lead or wire 13 to a binding post 14 of the movable contact member 15. The movable contact member 15 is secured by means of the binding post 14, to the oscillatory block or plate 18, the same being pivoted at 19 in an opening 20 of the window frame. This block or plate 18 is arranged between the guides 2 for the sash, so as to be adjacent the edge portion of the window sash. To limit the outward movement of the lower end of the block or plate 18 a stop 21 is ar-

ranged in its path. The object in preventing the outward movement of the block or plate 18, is to prevent the burglar, after raising the window sash a certain distance, to escape the upper end of the block or plate, and subsequently pull the said upper end of the block inwardly, thereby preventing the circuit from being closed. When it is desired that, the circuit should not be closed, a latch member 24 pivoted at 25, in the recess 26 and provided with a dog 27 is supplied. The dog 27 engages a notch 28 of the block or plate 18, and holds the same in a vertical position. However, when the latch 24 is raised, the block or plate 18 oscillates a trifle, as shown in dotted lines in the drawings, so as to prevent the dog 27 from again entering the notch 28. When the window sash is raised sufficiently, and the dog is out of engagement with the notch, the block or plate 18 is swung on its pivot by the spring 29, thus bringing the movable contact 15 in engagement with the stationary contact 7, thus closing the circuit, and giving the alarm.

The invention having been set forth, what is claimed as new and useful is:—

In a circuit closer, the combination of a window frame having a recess therein, a member secured therein and provided with a stationary contact member, the window frame having an opening communicating with said recess, a block pivoted in the opening and provided with a contact member, a spring connected to the upper end of the block at one end, with its other end secured to the window frame, and adapted to oscillate the block to bring the two contact members together, the frame having a recess above the opening, a latch pivoted in the last named recess and provided with a dog to engage the block, to lock the same in its normal position with its contact members separated, and a lug constituting a stop arranged at the lower portion of the opening, to limit the outward movement of the block.

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

THOMAS WILLIAM KEENLEYSIDE.

Witnesses:

JOHN WALLACE DICKINSON,
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