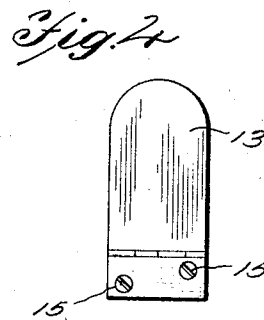
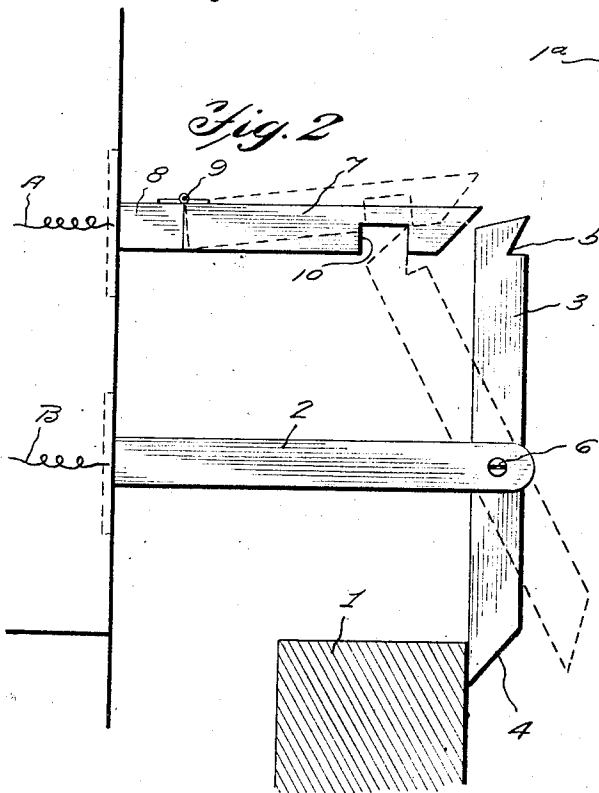
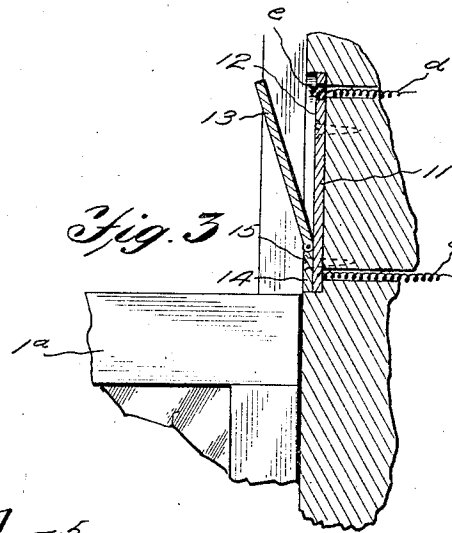
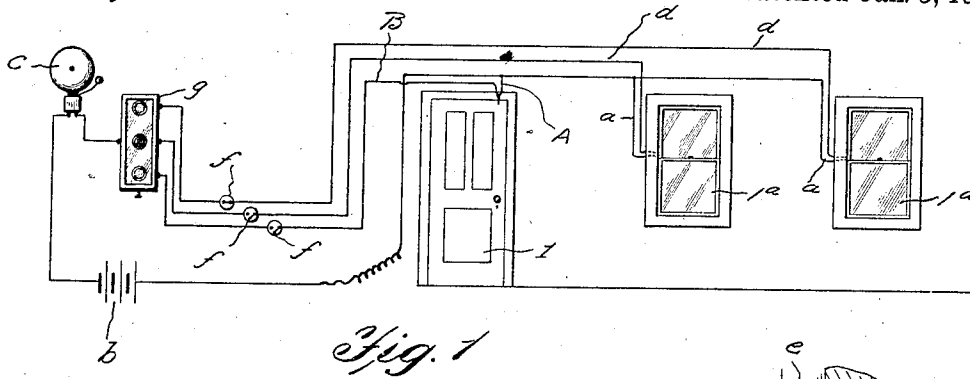


J. WELLS.
BURGLAR ALARM.
APPLICATION FILED JUNE 28, 1907.

908,918.

Patented Jan. 5, 1909.



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Witnesses

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BURGLAR-ALARM.

No. 908,918.

Specification of Letters Patent.

Patented Jan. 5, 1909.

Application filed June 28, 1907. Serial No. 381,333.

To all whom it may concern:

Be it known that I, JOHN WELLS, a citizen of the United States of America, residing at Forsyth, in the county of Rosebud and State of Montana, have invented new and useful Improvements in Burglar-Alarms, of which the following is a specification.

This invention relates to burglar alarms, and one of the principal objects of the same is to provide an electric burglar alarm to be connected to windows and doors, which will sound an alarm whenever the windows are raised or the door opened, and will also indicate what particular door or window has been moved.

Another object of the invention is to provide a simple burglar alarm which will operate efficiently to sound an alarm and indicate the locality of the window or door in which an attempt has been made to enter, and to provide means whereby any or all of the connections may be cut out whenever it is not required for use.

These and other objects may be attained by means of the construction illustrated in the accompanying drawing, in which:

Figure 1 is a diagrammatic view illustrating the connections, the alarm bell, and the indicator. Fig. 2 is a detail view illustrating the door alarm mechanism. Fig. 3 is a detail view showing the window alarm device in section. Fig. 4 is a detail view of the hinged contact plate of the window alarm.

Referring to the drawing for a more particular description of my invention, the numeral 1 designates a door or other movable element, and connected immediately above the door is a horizontal arm 2 to which is pivoted a trigger 3, said trigger having a beveled lower end 4, and the upper end being provided with a notch 5, said trigger being pivoted at 6 to the arm 2. A latch 7 is hinged to a bracket 8 by means of the hinge 9, said latch being disposed in alinement with the trigger 3 and provided with a notch 10.

The window alarms each comprise a plate 11 fitted in a recess 12 in the window frame, and connected to said plate is a contact plate 13 which is hinged to a plate 14 secured by screws 15 to the plate 11. Electrical connections *a* are connected to the plate 11, and extend through battery *b* to the alarm bell *c*, and connections *d* provided with a contact

point *e* against which the contact plate 13 is adapted to bear when the window 1^a is raised, extend through a switch *f* to the indicator *g*. From the door alarm electrical connections *A* and *B* extend from the bracket 8 and the arm 2 to the indicator, and through the battery to the bell.

The operation of my invention may be briefly described as follows: When one of the window sash 1^a is raised, the contact plate 13 is forced against the contact point *e* which serves to close the circuit between the connections *a* and *d* to the alarm bell *c* and to the indicator to indicate which one of the windows has been raised. When the door 1 has been opened it comes in contact with the lower end of the trigger 3 and forces the upper end backward to raise the latch 7 so that the upper end of the trigger engages the notch 10 in the latch, thus making the circuit through arm 2, trigger 3, latch 7, and connections *A*, *B* to the indicator and alarm bell.

From the foregoing it will be obvious that an alarm made in accordance with my invention can be quickly installed; is simple in construction; will quickly indicate the location of the window or door through which entrance is sought to be made; and that any or all of the alarms may be cut out by operating the switches *f*.

Having thus described the invention, what I claim is:

The combination with a movable element, of a burglar alarm comprising a horizontal arm, a trigger located above the said element and pivoted to the arm adapted to lie normally in a vertical position and in the path of movement of said element, said trigger having a notched portion at its upper end, a hingedly connected contact latch disposed in the path of movement of the trigger and adapted to be elevated thereby, said latch having a notch formed therein to receive the notched portion of the trigger, electrical connections for said latch and trigger respectively, and an indicator and an alarm in circuit with said electrical connections.

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

JOHN WELLS.

Witnesses:

JOHN A. KELLY,
A. C. WILSON.