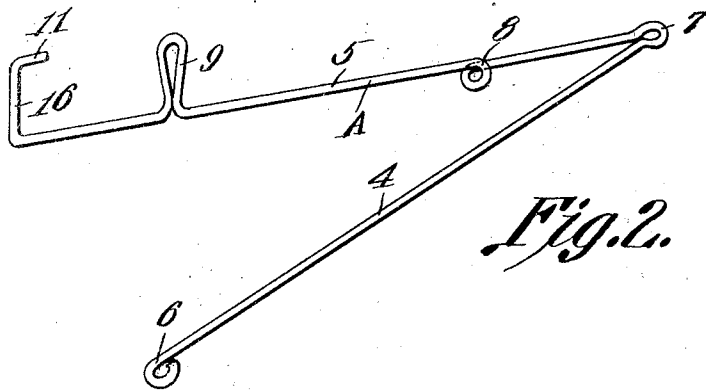
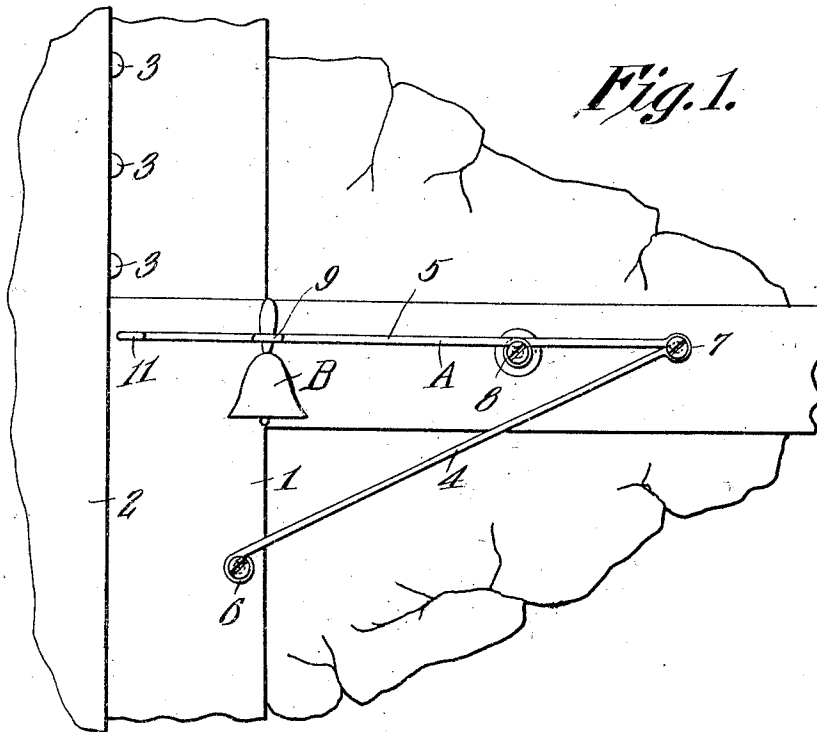


1,019,264.

Patented Mar. 5, 1912.



Witnesses

J. P. Tomlin
L. N. Wilcox

Almadoris B. Lowe,
Inventor

by *C. A. Snow & Co.*
Attorneys

UNITED STATES PATENT OFFICE.

ALMADORIS B. LOWE, OF CLEVELAND, OHIO, ASSIGNOR OF ONE-HALF TO THOMAS LOWE, OF BURTON, OHIO.

BURGLAR-ALARM.

1,019,264.

Specification of Letters Patent.

Patented Mar. 5, 1912.

Application filed August 25, 1911. Serial No. 645,936.

To all whom it may concern:

Be it known that I, ALMADORIS B. LOWE, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented a new and useful Burglar-Alarm, of which the following is a specification.

The present invention relates to improvements in burglar alarms, and the primary object of this invention, is the provision of a device made from a single piece of wire and adapted to be connected to one of the sashes of a window and have a free terminal carrying an alarm, such for instance as a bell intermediate of its ends, the extreme terminal or end thereof being in the path of a series of studs or projections connected to the window frame and in the path thereof, whereby the movement of the window sash in any direction will cause the free arm to be engaged by the respective studs or projections thereby causing a vibration of the device and the operation of the bell or alarm.

A further object of this invention is the provision of a bell holding device made from a single piece of wire, and bent V-shaped, the same being provided with three or more connecting means whereby the device is held rigidly upon the facial surface of a window sash, so as to give to the terminal or projecting end thereof a spring action, and permit the same a vertical vibratory movement and no movement toward or away from the sash, said free terminal being provided with a bell receiving loop and with a projection engaging hook upon its end, whereby the movement of the sash will cause such projection engaging end to engage projections upon the window frame to impart to the free end a vibratory movement, thus ringing the alarm.

With the foregoing and other objects in view, which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

In the drawings—Figure 1 is a front elevation of a portion of a window frame and sash, the burglar alarm device in operable relation thereto. Fig. 2 is a perspective view of the bell carrying device.

Referring to the drawings, the numeral 1 designates the sash of a window, and 2 the frame, the frame having connected thereto in any desired place a series of projecting studs or pins 3, as clearly shown while attached to the movable sash in the V-shaped bell carrying and ringing member A.

The member A, consists of a single piece of wire bent to form the terminals 4 and 5, respectively, the extreme end of the terminal 4 being provided with the screw receiving eye 6, while at the apex of the V or the juncture of the two terminals 4 and 5 is the screw receiving loop or eye 7, the terminal 5 being bent intermediate of its ends but nearer the juncture point thereof so as to form a screw receiving eye 8, whereby the device may be secured in three places as clearly shown in Fig. 1 to the upper corner of the lower sash. By this means it will be seen that the free terminal having formed integral therewith the bell receiving loop 9 and the projection engaging end 10 with its loop portion 11, is permitted a vertical movement but no movement toward or from the sash, so as to prevent the wobbling thereof in the movement of the sash up and down.

When the device is in place as clearly shown in Fig. 1, a loop 9 has mounted therein the handle of the bell B, said bell being suspended upon the free terminal of the device, so that when the sash 1 is raised the outer projecting end 10, will be successively engaged by the headed studs or projections 3 thereby imparting to the free terminal and the bell a vibratory movement, thus ringing the bell and giving an alarm.

What is claimed is:

1. In a window burglar alarm, the combination of a series of projections carried by the window frame, of a bell carrying member made from a single piece of wire and bent V-shaped, said member being secured to the sash so that one terminal thereof is in the path of to engage the projections in succession, said terminal having provided intermediate of its ends a bell receiving loop.

2. In a window burglar alarm, the combination of a series of projections carried by the window frame, and an alarm carrying member attached to the sash and movable therewith, formed from a single piece of wire and bent V-shaped, said member having a plurality of engaging loops formed

therein for attachment to the window sash, and so disposed upon the sash as to have a free terminal at right angles to the line of the frame and in the path of the projections, a loop being provided from the body of the member intermediate of its connecting and free terminal, and a bell disposed in said loop.

3. In a window burglar alarm, the combination with a series of projections carried by the window frame, an alarm carrying member carried by the sash, said alarm carrying member consisting of a single piece of wire bent V-shaped, one of the terminals thereof being provided with an eye at its extreme end, and an eye at the apex of the V, the other terminal having an eye intermediate of its ends whereby the member may be attached to the window sash at three points, the free end of the last mentioned terminal being disposed in the path of the projections of the window frame, and

an alarm carried by said last mentioned terminal between the free end thereof and its eye. 25

4. In a window burglar alarm, the combination with a series of projections carried by the window frame, of a bell carrying member made from a single piece of wire and provided with two loops for connecting the same to the window sash, the free terminal of said member being disposed in the path to engage the projections in succession, said terminal having provided intermediate of its free end and first loop, a bell receiving loop. 30

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses. 35

ALMADORIS B. LOWE.

Witnesses:

WILLIS VICKERY,
MELVILLE VICKERY.