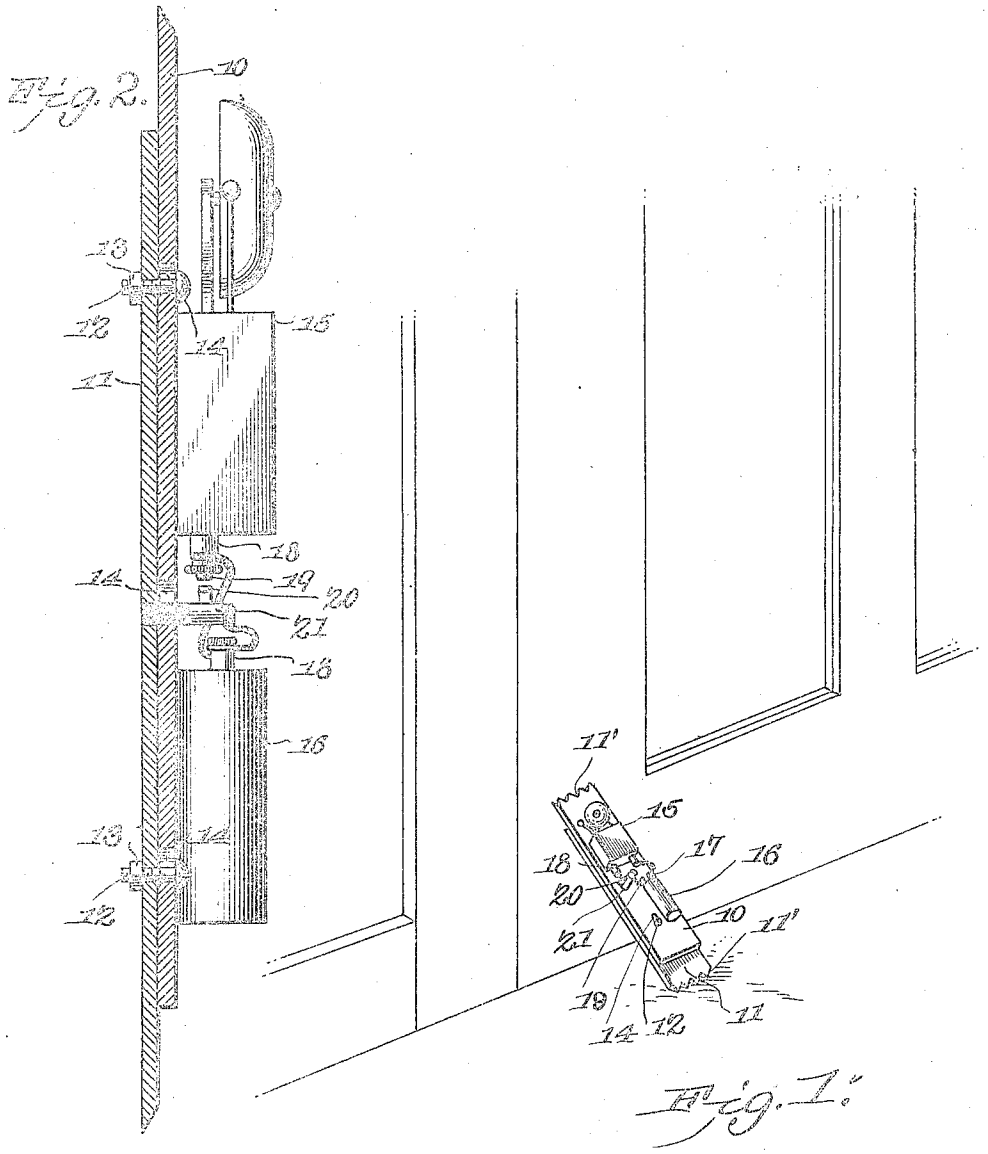
No. 828,834. PATENTED AUG. 14, 1906.

B. S. BELL.

BURGLAR ALARM.

APPLICATION FILED FEB. 6, 1906.



WITNESSES:

E. F. Hewett

Jno. E. Ramsey

Burton S. Bell,

INVENTOR,

By Church & Co

ATTORNEYS

UNITED STATES PATENT OFFICE

BURTON S. BELL, OF REE HEIGHTS, SOUTH DAKOTA.

BURGLAR-ALARM.

No. 828,834. Specification of Letters Patent. Patented Aug. 14, 1906.

Application filed February 6, 1906. Serial No. 299,788.

To all whom it may concern:

Be it known that I, BURTON S. BELL, a citizen of the United States, residing at Ree Heights, in the county of Hand and State of South Dakota, have invented a new and useful Burglar-Alarm, of which the following is a specification.

This invention relates to burglar-alarms, and has for its principal object to provide a device of very simple and compact construction which may be employed for the purpose of locking or holding a door in closed position and at the same time sounding an alarm in the event of an attempt to open the door.

A further object of the invention is to provide a sectional door-holder so arranged and constructed that the sections may slide one on the other to a limited extent, said sections forming or carrying contacts by which an electric alarm-circuit is closed.

A still further object of the invention is to provide a device of this character in which an alarm-bell or sounder and a small battery are carried by one of the sections and electrical contacts are carried by both sections, so that when one of the sections is moved relative to the other the contacts will be engaged and the circuit closed and will remain closed until the device is readjusted, so that the alarm will sound continuously until the contacts are manually separated.

With these and other objects in view, as will more fully hereinafter appear, the invention consists in certain novel features of construction and arrangement of parts, hereinafter fully described, illustrated in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that various changes in the form, proportions, size, and minor details of the structure may be made without departing from the spirit or sacrificing any of the advantages of the invention.

In the accompanying drawings, Figure 1 is a perspective view of a door-holding burglar-alarm constructed in accordance with the invention, showing the same in position for use. Fig. 2 is a vertical section of the same on the line 2 2 of Fig. 1.

Similar numerals of reference are employed to indicate corresponding parts throughout both figures of the drawings.

The device comprises a door-holder formed of two strips of metal 10 and 11, arranged to slide on each other, one end of each strip being provided with teeth or serrations 11′ for engagement, respectively, with the door and the floor and the device being placed in an inclined position, with the teeth partly embedded in the door and floor, so that if an attempt is made to open the door the teeth will be more firmly caught and the sections will slide one upon the other. One of the sections carries bolts 12, on which are clamping-nuts 13, and the headed ends of the bolts extending through suitable slots 14, formed in the other member, the nuts being turned in order to clamp the members frictionally together, so that they may be held in extended position, and when sufficient force is applied the sections slide one on the other and remain in the position to which they are moved. One of said sections, the section 10 in the present instance, carries an electric bell or buzzer 15 and a small dry battery 16, one of the poles of the battery being connected to the binding-post 17 of the bell, while the opposite binding-post 18 of the bell carries a contact 19, that is disposed immediately above a contact 20, that projects from a small post 21, carried by the section 11 and extending through a slot formed in the section 10. The contact 20, carried by post 21, is connected to the second pole of the battery, and this contact being arranged immediately below the contact 19 will be engaged by said contact 19 when the sections are moved one on the other in an attempt to open the door. This closes the bell-circuit, and the bell will sound continuously so long as the contacts remain in engagement with each other. It is intended that the parts shall remain in the position to which they are adjusted, so that the bell will continue to sound until the device is removed from position and the sections extended.

The device is of very simple, economical, and compact construction and may be readily carried in a trunk or valise, if desired.

I claim—

1. In a device of the class specified, a pair of plates arranged to slide one on the other and provided with toothed end portions, one of said plates being provided with elongated slots, bolts carried by the other member and extending through said slots, nuts arranged on the bolts to adjust the frictional contact between said plates, a battery, and an alarm carried by one of the plates, and normally spaced contacts carried by said plates and movable into engagement with each other as the plates slide.

2. In combination, a pair of slidable plates provided with toothed end portions, one of said plates having an elongated slot, a standard carried by the opposite plate and extending through said slot, a contact carried by said standard, a bell, a contact carried by one of the binding-posts of the bell and arranged to engage the standard-carried contact, and a battery, one pole of which is connected to the standard-carried contact, and the opposite pole to the second binding-post of the bell.

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

BURTON S. BELL.

Witnesses:
CLINTON CRABTREE.
JACOB H. COLE.