

No. 804,616.

PATENTED NOV. 14, 1905.

J. O. MORRIS.
BURGLAR ALARM.
APPLICATION FILED MAR. 15, 1905.

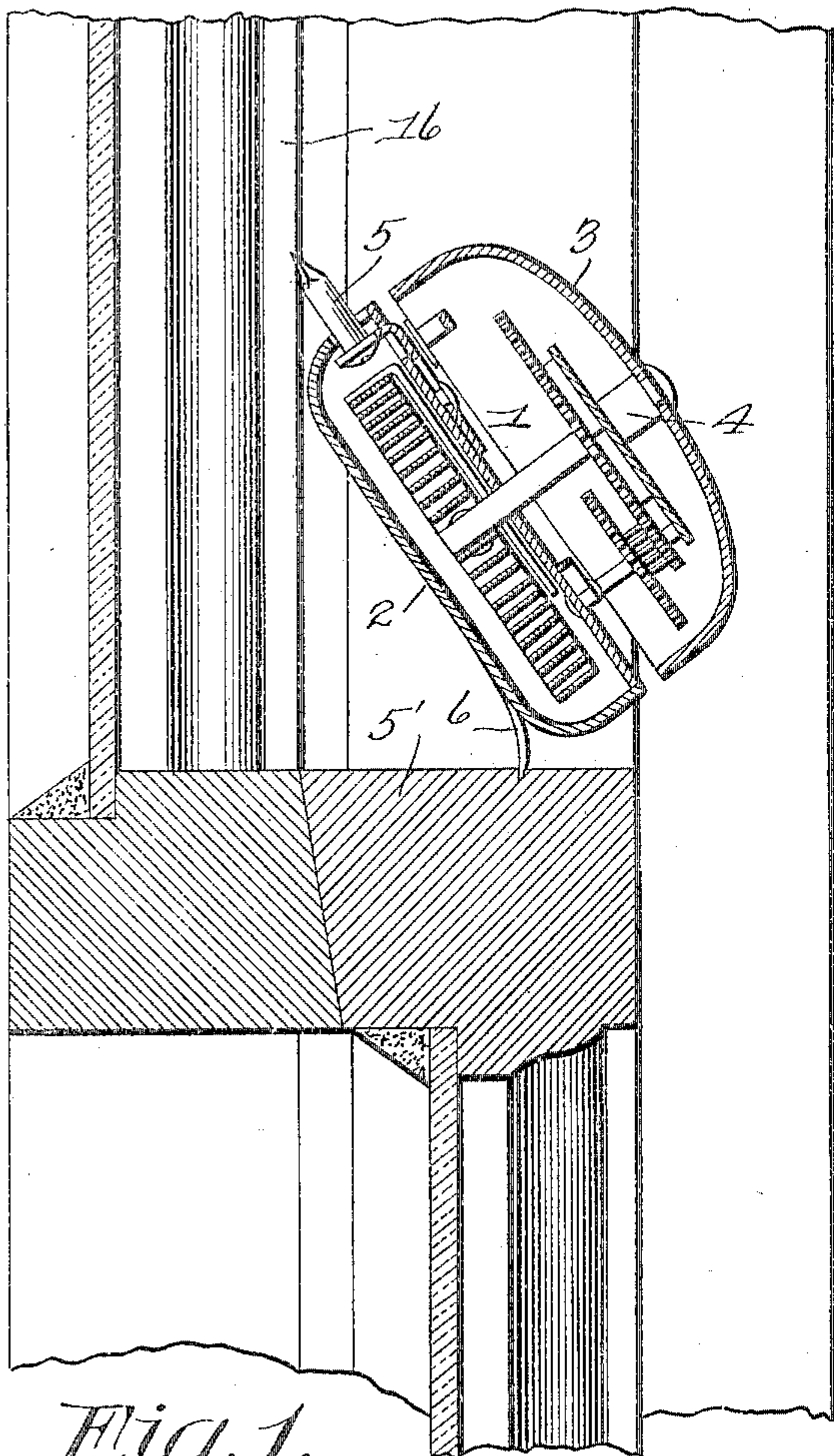


Fig. 1.

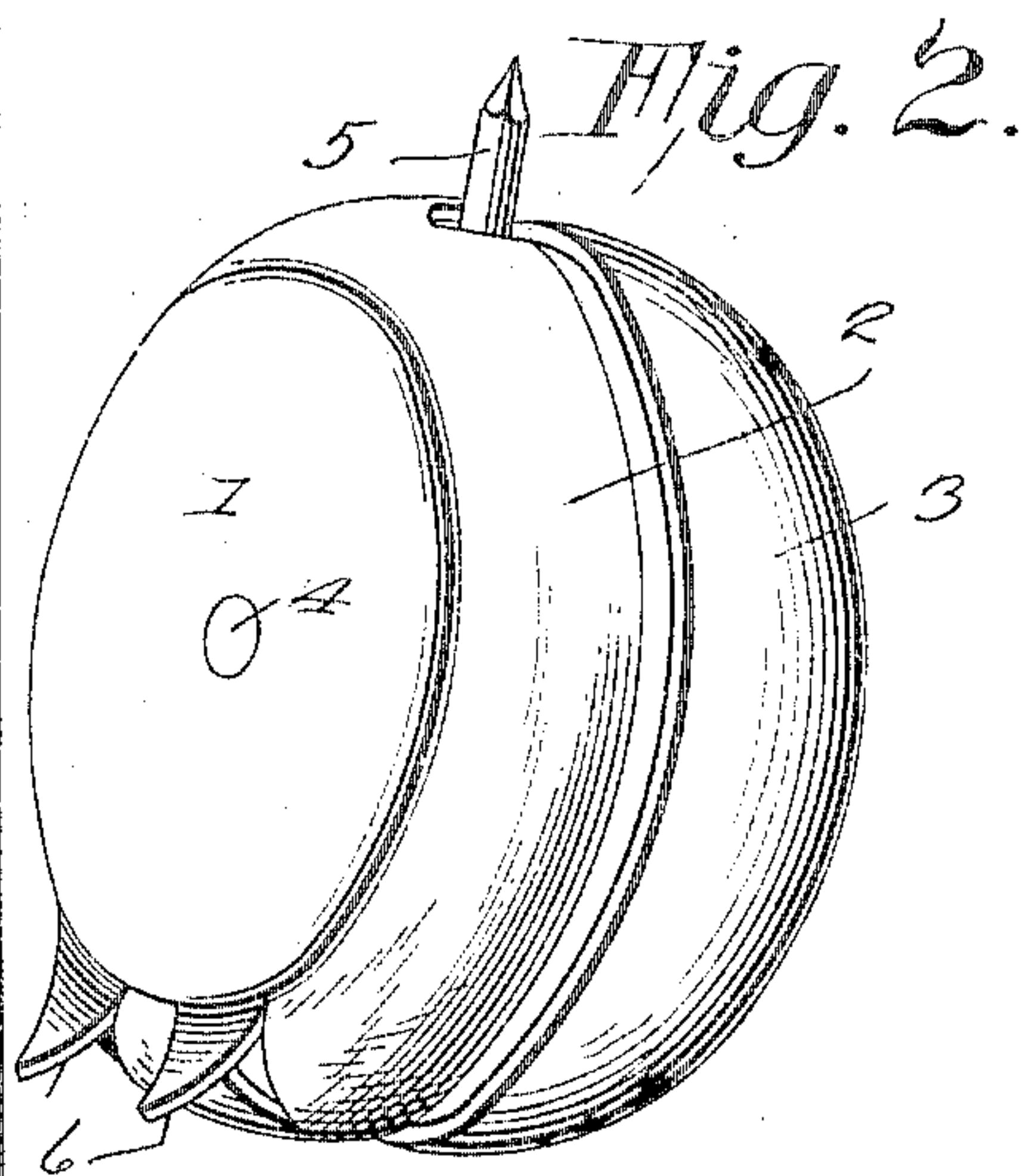


Fig. 2.

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BURGLAR-ALARM.

No. 804,616.

Specification of Letters Patent.

Patented Nov. 14, 1905.

Application filed March 15, 1905. Serial No. 250,263.

To all whom it may concern:

Be it known that I, JOHN O. MORRIS, a citizen of the United States, residing at Richmond, in the county of Henrico and State of Virginia, 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 object to provide a simple and improved portable device of this character capable of being carried in a pocket of the clothing or in a traveling bag or trunk and arranged to be conveniently fitted in operative relation with respect to a pair of upper and lower window-sashes without any preparation of the latter.

It is also proposed to prevent displacement of the device from the exterior of the window and to insure a prompt and effective operation of an audible alarm upon the slightest opening movement of either of the sashes.

With these and other objects in view the present invention consists in the combination and arrangement of parts, as will be hereinafter more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that changes in the form, proportion, size, and minor details may be made within the scope of the claims without departing from the spirit or sacrificing any of the advantages of the invention.

In the accompanying drawings, Figure 1 is a view in section, showing the application of the device of the present invention to a pair of upper and lower window-sashes; and Fig. 2 is a perspective view looking at the back of the device.

Like characters of reference designate corresponding parts in each figure of the drawings.

In carrying out the present invention it is proposed to make use of an ordinary or any preferred form of mechanical or spring-actuated bell as the signal member of the device, such a bell being indicated in general by the reference-numeral 1, which includes a back or body 2 and the gong or sounding member 3, which is connected to the back in any suitable manner—as, for instance, by being detachably threaded upon the centrally-disposed post 4, carried by the back 2 and constituting the axis of the spring-actuated drive-gear of the mechanism for operating the clapper. This type of bell is commonly provided with

a push-pin 5 for releasing the escapement to permit of the ringing of the bell, and in the present embodiment of my invention I remove the head or button usually carried by the outer end of the pin, and in lieu thereof said outer end of the pin is pointed or sharpened so as to form a prong. At a point diametrically opposite the push-pin there is a pair of spaced prongs, which, as illustrated in Fig. 2 of the drawings, are cleft or struck from the rounded edge of the back member of the bell, as indicated at 6, such prongs being projected beyond the periphery of the bell and lying at opposite sides of the diameter of the bell in which the push-pin 5 is included.

To make use of the present alarm, as shown in Fig. 1 of the drawings, the pair of prongs at the bottom of the bell are sunk into the top of the meeting-rail 5' of the lower sash at either end of said rail and the pointed end of the push-pin 5 is engaged with the adjacent stile 16 of the upper sash, the two sashes of course being closed. With the device thus fitted in place any opening movement of either of the sashes will of course force the push-pin 5 inwardly, thereby releasing the escapement and permitting the spring-motor to actuate the clapper, and thus sound the alarm in a prompt and effective manner. In addition to giving out an audible alarm the device tends to lock the sashes against being opened to any appreciable extent, as the prongs will be forced into the sashes, which prevents displacement of the device, and the latter operates as a prop or brace to prevent opening of the sashes beyond a fractional part of an inch. In the form of the device the prongs 6 are deflected rearwardly and outwardly from the back, so as to prevent slipping of the prongs upon the meeting-rail of the lower window-sash.

From the foregoing description it will be understood that the device of the present invention is entirely complete in itself, may be carried in a pocket of the clothing, a traveling-bag, a trunk or the like, and may be conveniently fitted to the window-sashes without any setting up of the device and without any preparation of the sashes. Moreover, the application and removal of the device do not result in any appreciable injury to the sashes, and the device is always in condition for repeated use.

By reason of the fact that the prongs are wedged into the sashes the latter are held against being rattled by the wind, and therefore the alarm cannot be displaced by rattling
5 of the sashes.

Having fully described the invention, what is claimed is—

1. A burglar-alarm comprising a sheet-metal back and motor-controlled sounding mechanism carried thereby, a relatively short push-pin for releasing the sounding mechanism,
10 said pin being projected externally of the alarm and provided with a sharpened end, and a pair of relatively short penetrating prongs struck up from the sheet-metal back at points
15 diametrically opposite the said push-pin, said prongs being deflected rearwardly and outwardly from the plane of the back.

2. A burglar-alarm comprising a concavo-

convex back having a pair of prongs cleft
20 from the rounded edge thereof and bent to incline rearwardly and outwardly from the plane of the back, a gong carried by the back, motor-controlled gong-actuating mechanism housed between the gong and the back, and a
25 push-pin for releasing the gong-actuating mechanism, said pin having a sharpened outer end, extending beyond the periphery of the back and located diametrically opposite said pair of prongs.
30

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

JOHN O. MORRIS.

Witnesses:

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