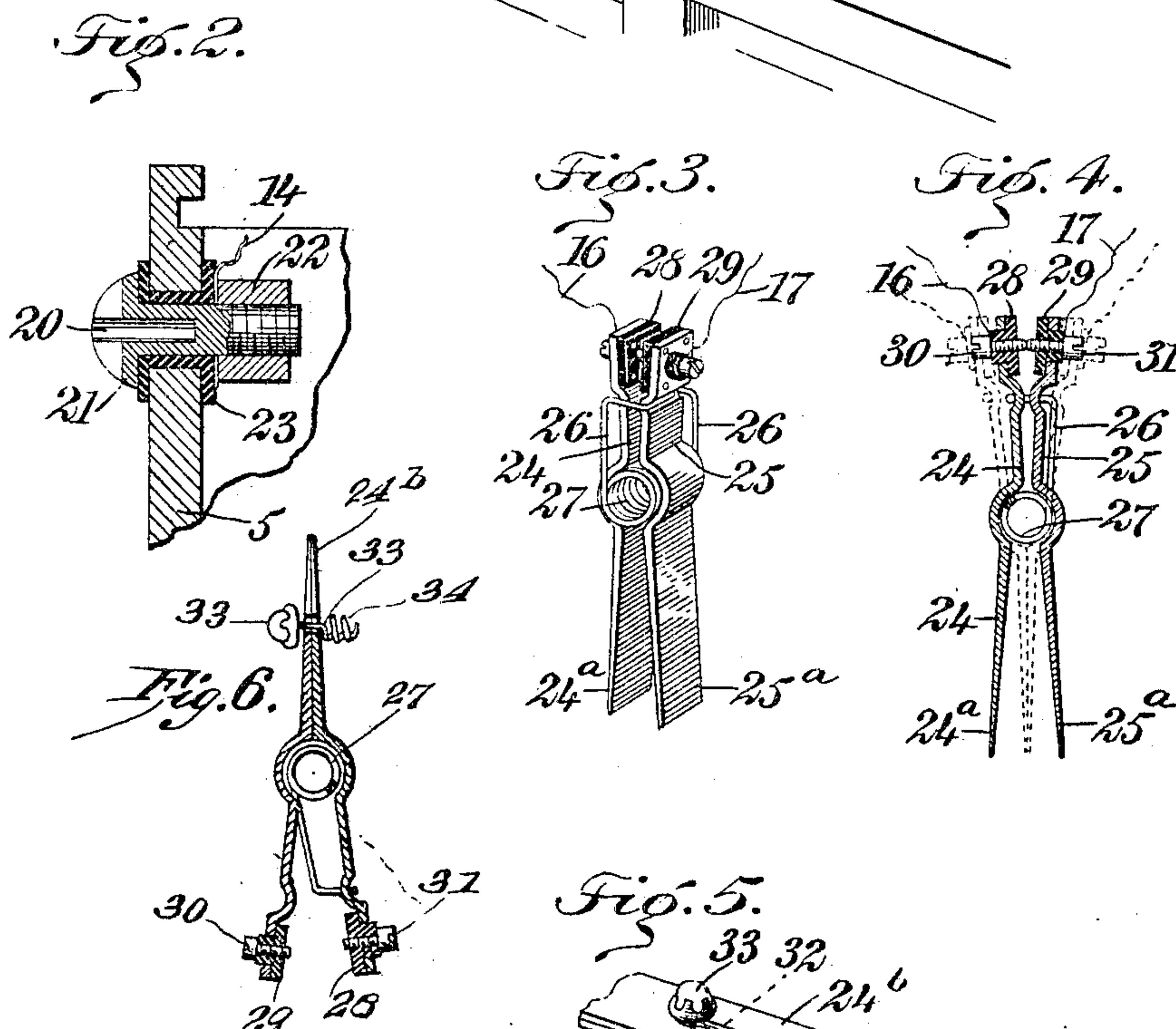
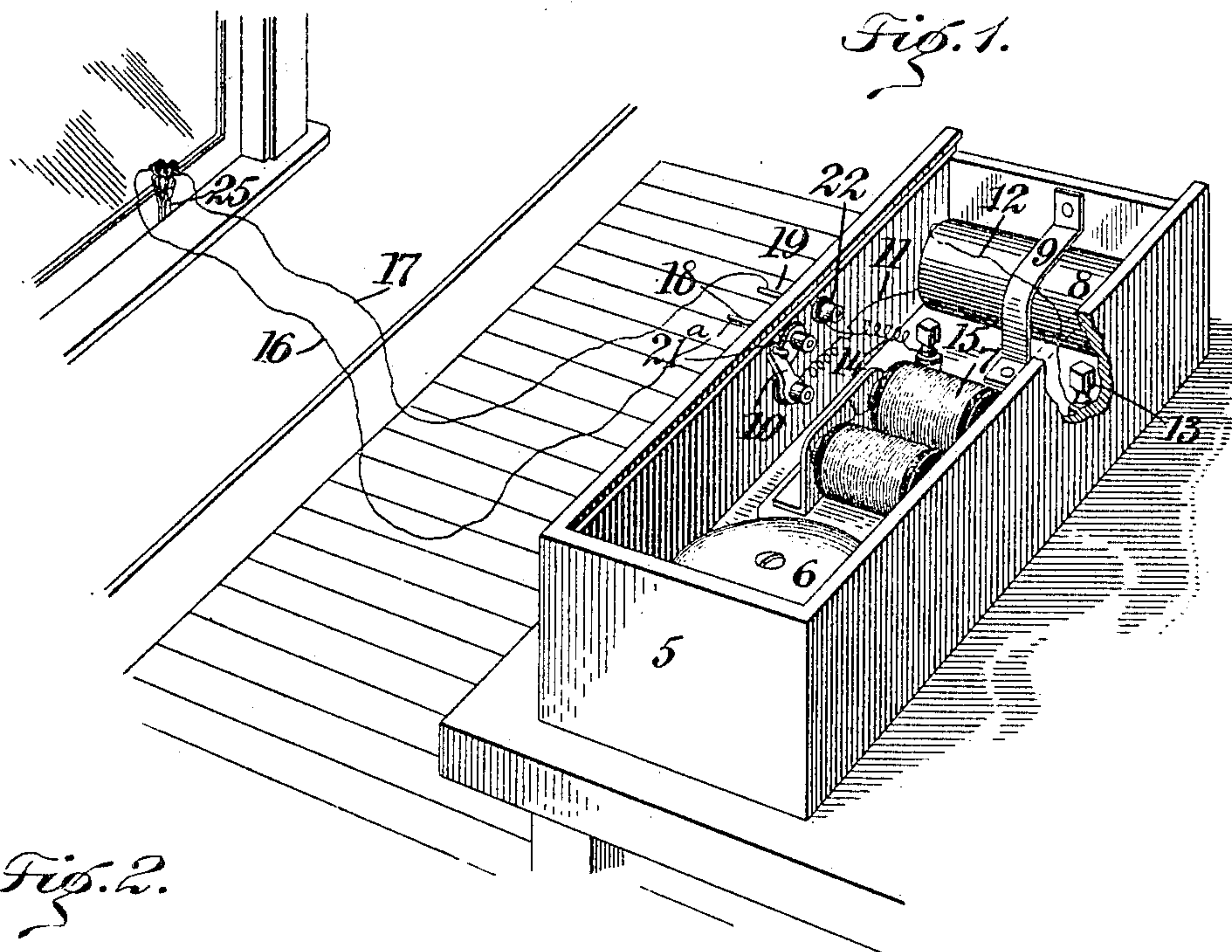


No. 798,803.

PATENTED SEPT. 5, 1905.

H. A. KREH.
POCKET ELECTRIC BURGLAR ALARM.
APPLICATION FILED DEC. 30, 1904.



WITNESSES:

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HERMAN ALBERT KREH, OF NEW ORLEANS, LOUISIANA.

POCKET ELECTRIC BURGLAR-ALARM.

No. 798,803.

Specification of Letters Patent.

Patented Sept. 5, 1905.

Application filed December 30, 1904. Serial No. 238,921.

To all whom it may concern:

Be it known that I, HERMAN ALBERT KREH, a citizen of the United States, and a resident of New Orleans, in the parish of Orleans and State of Louisiana, have invented a new and Improved Pocket Electric Burglar-Alarm, of which the following is a full, clear, and exact description.

My invention relates to electric alarm mechanisms and admits of general use, but is of peculiar value in preventing burglaries and thefts.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view showing my invention as used for the purpose of sounding an alarm when a window is opened. Fig. 2 is an enlarged vertical section through one of the binding-posts. Fig. 3 is an enlarged perspective view of the contact mechanism. Fig. 4 is a vertical central section through the contact mechanism, and Fig. 5 is a fragmentary perspective view showing the contact mechanism used for preventing the theft of a jewel. Fig. 6 is a section through the contact mechanism and jaws, showing the latter as supporting a jewel.

Mounted within a box 5 is an electric bell 6, of the continuous-ring type, provided with electromagnets 7 and with the other usual accessories accompanying a bell of this kind. A dry battery 8 is held in position by a strap 9, being thus secured in one end of the box 5. A switch 10, mounted within the box 5, is used for turning the current on and off at will. From this switch a wire 11 leads to the battery 8, and thence a wire 12 leads to a binding-post 13 of the electric bell. Another wire 14 is connected with the other binding-post 15 of the bell. Conductors 16 17, preferably having the form of flexible cords or wires, are connected with pegs 18 19, detachably inserted in apertures 20 within binding-posts 21 21^a, the binding-post 21 being provided with a revoluble nut 22 and both binding-posts being insulated by means of a dielectric bushing 23. A pair of movable jaws 24 25 are engaged by spring-arms 26, integrally connected, by means of a spiral spring 27, in such manner that the spring serves as a pivot for the jaws 24 25, and the spring-arms 26 serve

to press the jaws firmly against the spiral spring 27. The latter therefore acts as a sort of journal upon which the jaws are free to move. Mounted upon the jaws 24 25 are sleeves 28 29, made of insulating material, and revolubly mounted within these sleeves are contact-screws 30 31, adapted to engage and disengage each other as the jaws are moved. Connected with the jaws and forming extensions thereof are handles 24^a 25^a, which press toward each other, the contact members 30 31 being temporarily disconnected.

In Figs. 5 and 6 the handles 24^b are bifurcated, as shown, and used to prevent the theft of a jewel 33, provided with a stem 32 and a spiral 34.

My invention is used as follows: The conductors 16 17 being connected with the contact members 30 31, the handles 24^a 25^a are pressed toward each other and inserted within the crevice of a window in such position that a movement of the window will release the handles 24^a 25^a, thus allowing the tension of the spring 27 and the spring-arms 26 to exert itself. When, therefore, an effort is made to open a window—as, for instance, by a burglar attempting to enter the house—the contact members 30 31 are brought together and the circuit through the electric bell is closed, whereupon the alarm is sounded.

Should it be desired to render the device incapable of action without disturbing the position of the handles 24^a 25^a, the switch 10 is opened. Where the form shown in Fig. 5 is employed, the handles 24^b are pressed together, and the stem 32 of the jewel or analogous member is inserted, as shown. This may be done when the jewel is worn upon the person. If now the jewel be removed, the handles move apart by the tension of the spring, and the contact is closed, as above stated, thus sounding the alarm.

My device may be used to advantage by travelers, theatrical performers, and all other persons whose jewels, goods, and chattels are peculiarly liable to be stolen. It may also be used to advantage in all instances where it is desired to apprise a person of the opening of a door, window, or other closure member of any kind.

I do not limit myself to the exact construction or proportions of parts shown, for the reason that various changes may be made in

the structure and action of the device without departing from the spirit of my invention, and the device may be made of such size as to be readily carried wholly or in part in a person's pocket.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. In a device of the character described, the combination of contact mechanism, a plurality of members movable relatively to each other for the purpose of opening and closing said contact mechanism, said members being bifurcated for the purpose of engaging the stem of a jewel or the like, and alarm mechanism to be connected with said contact mechanism.

2. As an article of manufacture, the combination of a pair of jaws movable relatively to each other, means for tensioning said jaws relatively to each other, contact members mounted upon said jaws and insulated therefrom, and handles connected with said jaws for the purpose of opening and closing the

same, said handles being bifurcated to accommodate the stem of a jewel or the like.

3. In a device of the character described, the combination of a pair of jaws movable relatively to each other, contact mechanism connected with said jaws and adapted to be opened and closed by movements thereof, members connected with said jaws for opening and closing the same, said members being comparatively thin for the purpose of being inserted into a crevice of a window or the like, and a spring for tensioning said jaws relatively to each other, said spring being coiled into the form of a substantially cylindrical spiral so as to serve as a pivot for said jaws.

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

HERMAN ALBERT KREH.

Witnesses:

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