(No Model.)

G. H. STREICHENBERG.

PUSH BUTTON.

No. 435,866. Patented Sept. 2, 1890.

Fig. 1.

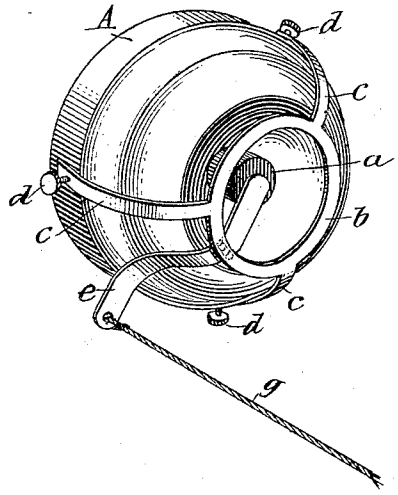


Fig. 2.

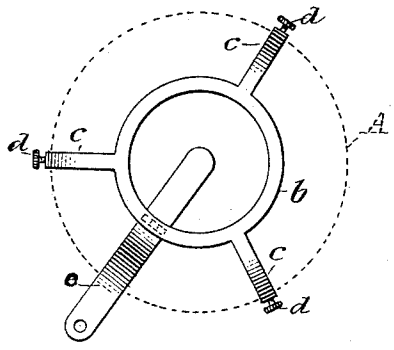
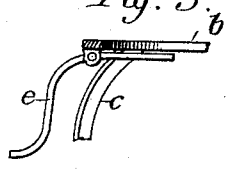


Fig. 3.



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GEORGE H. STREICHENBERG, OF PUEBLO, COLORADO.

PUSH-BUTTON.

SPECIFICATION forming part of Letters Patent No. 435,866, dated September 2, 1890.

Application filed April 22, 1890. Serial No. 348,957. (No model.)

To all whom it may concern:

Be it known that I, GEORGE H. STREICHENBERG, of Pueblo, in the county of Pueblo and State of Colorado, have invented a new and useful Attachment for Alarm and Signaling Push-Buttons, of which the following is a full, clear, and exact description.

As ordinarily constructed and operated the push-buttons used to transmit signals from any point or give an alarm by electric or pneumatic apparatus are located upon the wall of a room, corridor, or area, and have to be approached and operated upon by pressure of the fingers of the operator. To save multiplicity of connecting lead-wires the push-buttons are not often put in every room of a private dwelling, and in any event must be manipulated by the personal touch of the person who desires to give an alarm or send a call for assistance.

The object of my invention is to provide a simple and efficient means for transmission of signals upon a push-button without manipulating it by direct contact therewith.

To this end my invention consists in the provision of a suitable clamping attachment, whereon is pivoted a lever having a flexible strand of wire or fibrous material extended from it to any point where it is desirable to signal from, so that the manipulation of the cord or wire will actuate the push-button, as will be more fully described, and indicated in the claims.

Reference is to be made to the accompanying drawings, forming a portion of this specification, in which similar letters of reference indicate corresponding parts in all of the figures.

Figure 1 is a view in perspective of an ordinary push-button and the attachment thereon. Fig. 2 is a plan view of the device detached; and Fig. 3 is a broken section of the attachment, showing the hinge-joint connection of the lever-pull upon the supporting-frame.

A represents an ordinary push-button block, with the push-button *a* exposed, as shown in Fig. 1, central within the block.

Upon the outer surface of the block A a skeleton frame is adjustably attached, said frame consisting of a ring *b*, from which preferably integral limbs *c* extend. These limbs are bent to approximate in curvature to the outer surface of the block A, and upon their free end portions transverse set-screws *d* are located by insertion through the same, suitable tapped perforations being made in the limbs at an equal distance from the ring *b* to receive said screws. At any desired point on the ring *b* depending joint-ears are formed or secured, to which the pull-bar *e* is pivoted, and thus permitted to vibrate. The skeleton frame should be so adjusted upon the block A that the inner end of the pull-bar *e* will have impinging contact with the push-button *a*, but not with force sufficient to normally depress the button. A wire strand *g*, which is flexible, or a cord which is of proper strength, is secured to the end of the pull-bar *e*, which wire strand or cord is extended around the apartment-walls in suitable anti-friction supports and taut condition to reach any point in the room or an adjacent room wherein no push-button is placed, so that an invalid confined to a bed or chair may by pulling the cord transmit signals as effectually as if the push-button *a* were depressed by actual contact of the operator's fingers.

By a manifest connection of the cord-extension *g* with one or more doors of a room or windows in the same the device may be utilized to transmit alarm-signals from an apartment, store-room, or other locality to a place where the alarm apparatus is situated.

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

1. An attachment for a signal or alarm push-button, composed of a skeleton frame provided with limbs and set-screws in the end portions of the limbs, and a pull-bar hinge jointed to vibrate on the frame, to which a cord may be attached, substantially as set forth.

2. In an attachment for an alarm or signal push-button, the combination, with a push-button block and a push-button incased by the block, of a skeleton frame which is attachable upon the block, a pull-bar hinged upon the frame, and a cord extended from the pull-bar to transmit signals by draft upon it, substantially as set forth.

GEORGE H. STREICHENBERG.

Witnesses:
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