

(No Model.)

E. J. SWAN.
Illuminated Electric Push Button.

No. 237,455.

Patented Feb. 8, 1881.

Fig. 1.

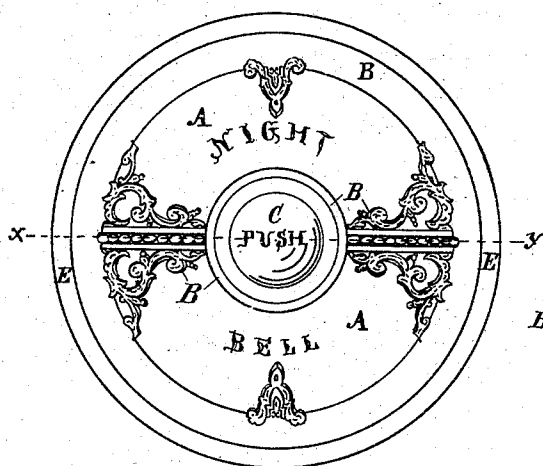


Fig. 2.

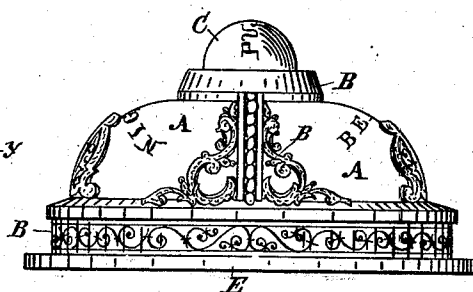


Fig. 3.

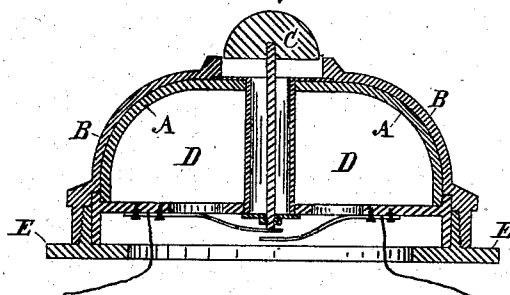
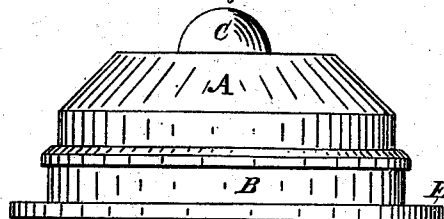


Fig. 4.



WITNESSES:

James B. Liguus.
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INVENTOR:
Edwin J. Swan.

UNITED STATES PATENT OFFICE.

EDWIN J. SWAN, OF INDIANAPOLIS, INDIANA, ASSIGNOR OF ONE-HALF
TO JOHN W. HOLCOMBE, OF SAME PLACE.

ILLUMINATED ELECTRIC PUSH-BUTTON.

SPECIFICATION forming part of Letters Patent No. 237,455, dated February 8, 1881.

Application filed May 20, 1880. (No model.)

To all whom it may concern:

Be it known that I, EDWIN J. SWAN, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented a new and useful Illuminated Push-Button for Electric Bells, of which the following is a specification.

The object of my invention is to illuminate the push-buttons of electric bells by constructing them of glass or some other transparent substance, or of glass and metal combined, or of some other transparent substance and metal combined, and illuminating them in the manner hereinafter described.

The mechanism of my invention is shown in the accompanying drawings, in which—

Figure 1 is a front view of the button and settings. Fig. 2 is a side view of the same. Fig. 3 is a section obtained by bisecting along the line *xy* of Fig. 1. Fig. 4 represents a side view of the push-button made entirely of glass or other transparent substance.

Similar letters refer to similar parts throughout the several views.

The transparent shell A is fitted into a metal frame, B, which extends forward and holds the transparent push-center C, the whole being fastened to a metal base, E.

The illumination of the button is effected by means of a self-luminous chemical substance applied to the inner surface of the shell A, or of the push-center C, or of both, or applied to an independent surface behind and covered by the shell A.

My invention may also be illuminated by artificial light—as gas, a lamp, a candle, &c.

I claim as my invention and desire to secure by Letters Patent—

1. The transparent shell A and the transparent push-center C, in combination with an illuminating substance or with artificial light from the sources and for the purpose set forth above.

2. The transparent shell A and the transparent push-center C, secured to the metal plate E by the metal frame B, in combination with an illuminating substance or with artificial light from the sources and for the purpose set forth above.

EDWIN J. SWAN.

Witnesses:

A. S. CARRIER,
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