

O. F. FOGELSTRAND.

Door-Buttons.

No. 135,215.

Patented Jan. 28, 1873.

Fig. 1.

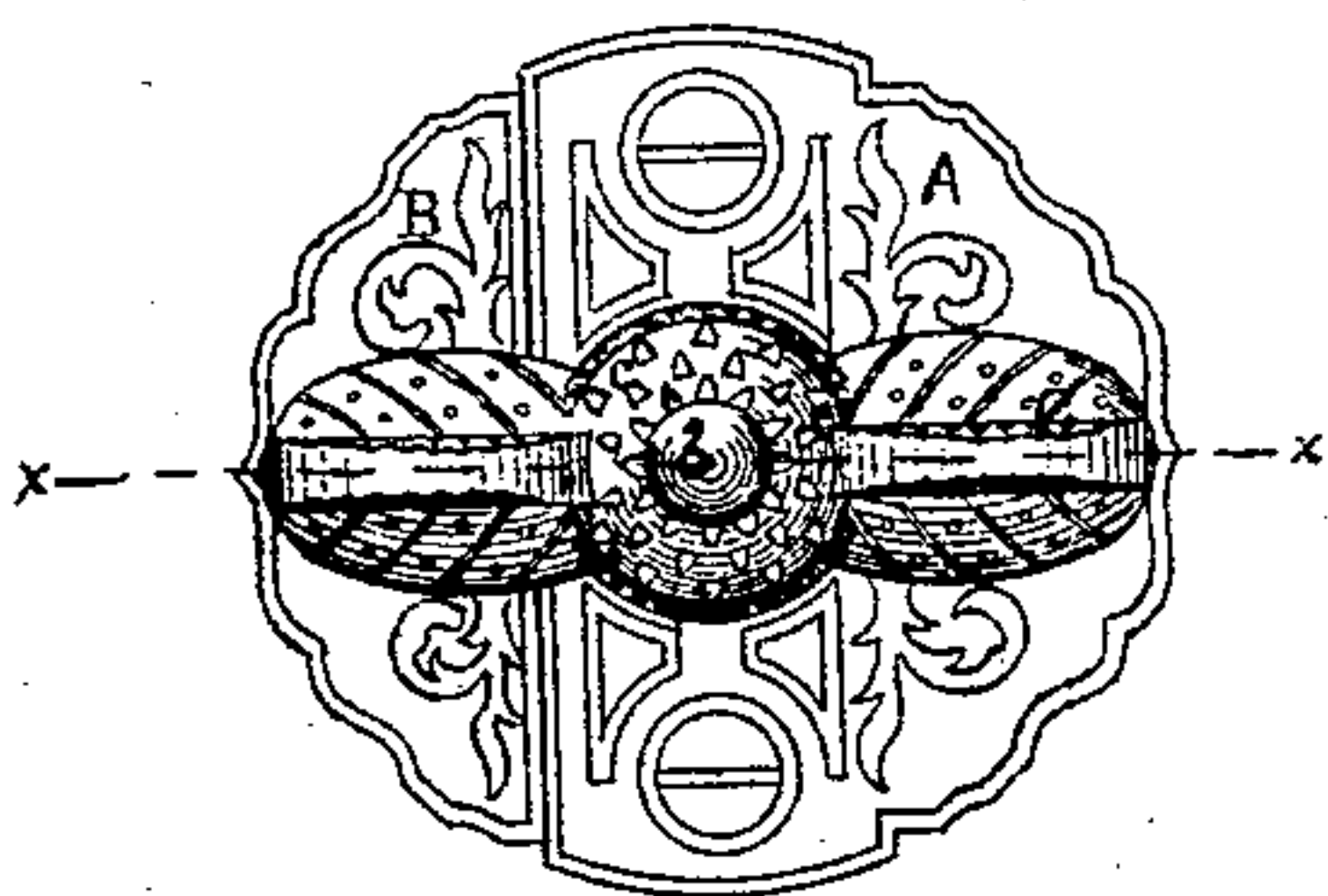


Fig. 2.

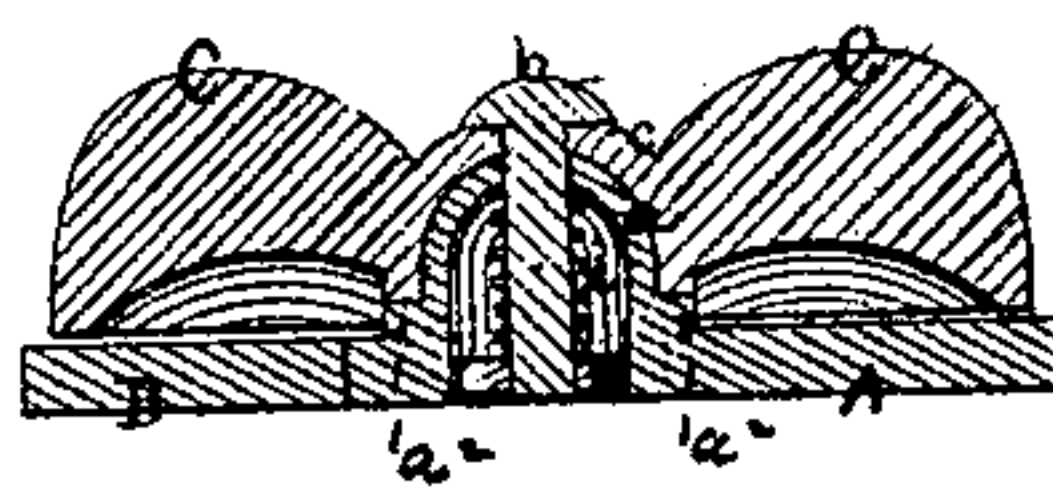


Fig. 3.

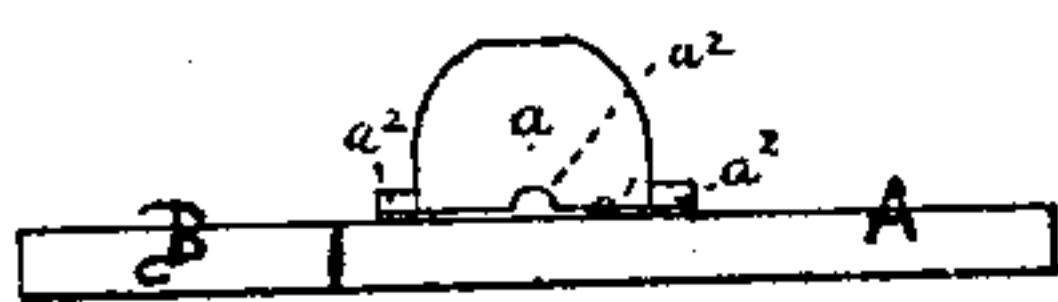
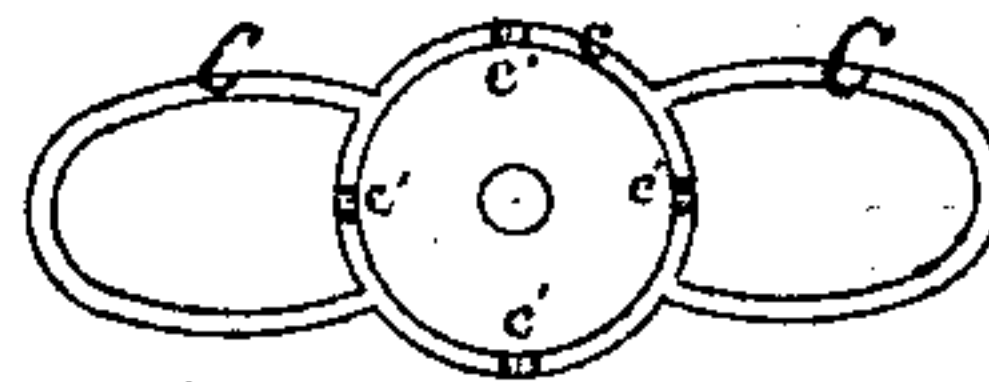


Fig. 4.



Witnesses.

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UNITED STATES PATENT OFFICE.

OTTO F. FOGELSTRAND, OF KENSINGTON, CONNECTICUT.

IMPROVEMENT IN DOOR-BUTTONS.

Specification forming part of Letters Patent No. 135,215, dated January 28, 1873.

To all whom it may concern:

Be it known that I, OTTO F. FOGELSTRAND, of Kensington, in the county of Hartford and State of Connecticut, have made certain new and useful Improvements in Door-Buttons, of which the following is a specification, reference being had to the accompanying drawing, in which—

Figure 1 is a flat or plan view of the button complete. Fig. 2 is a central vertical section of the same through the dotted line xx . Fig. 3 is a side view or elevation of the base A with the button removed. Fig. 4 is a view of the bottom or under side of the button.

This invention is one of that kind or class of door-buttons in which the button proper remains slightly locked at certain points in its revolution. These buttons have heretofore had a piece separate and distinct from the button and button-plate called a "spring-point," bearing raised points, shutting at certain times into corresponding indentations in the button-plate. My invention consists in making these raised points in one piece with the button or button-plate, and making the corresponding indentations in the button-plate or button, thus dispensing with such separate piece, and so producing a cheaper, more durable, and more efficient article.

The letter A indicates the common larger part of the base-plate, and B indicates the common smaller part. From the plate A rises the shell a with a hole through the top for the passage of the rivet b . Around the base of this shell rises a small ring, a^1 , having on it at equal distances apart four spurs, a^2 . The letter C indicates the button, which has a hollow shell, c , fitting upon the outside of the

shell a . In the base of this shell are four nicks or grooves, c' , corresponding to and fitting upon the spurs a^2 . The letter b indicates a rivet, whose head bears upon the outside of the shell c , and runs down through both the shells a and c . It has a collar, e , fastened to its foot, securing between the collar and the inside of the top of the shell a the spiral compression spring i , which tends to hold the button down somewhat firmly. The button can, however, be revolved by a person's fingers, the base of the shell c rising and riding on the spurs a^2 till the nicks c' and the spurs coincide, which occurs at each quarter revolution, when the nicks snap down upon the spurs and gently lock the button in position. The nicks and spurs are so arranged that the button will lock when in the position shown in Fig. 1, and also when the button is revolved a quarter of a turn either way. The same construction is applicable to a window-fastener, leaving off in such case one of the wings of the button.

I claim as my invention—

The combination of the base-plate A bearing the shell a , having the raised points a^2 around its foot, the button C having the shell c overlying the shell a , with notches at its base corresponding to the points a^2 , the rivet b , the flange e , and the spring i , the whole constructed, arranged, and designed to operate substantially as described, for the purpose set forth.

In witness whereof I hereto set my hand this 9th day of September, 1872.

OTTO F. FOGELSTRAND.

Witnesses:

E. W. MORGAN,
C. M. BROWNE.