

(No Model.)

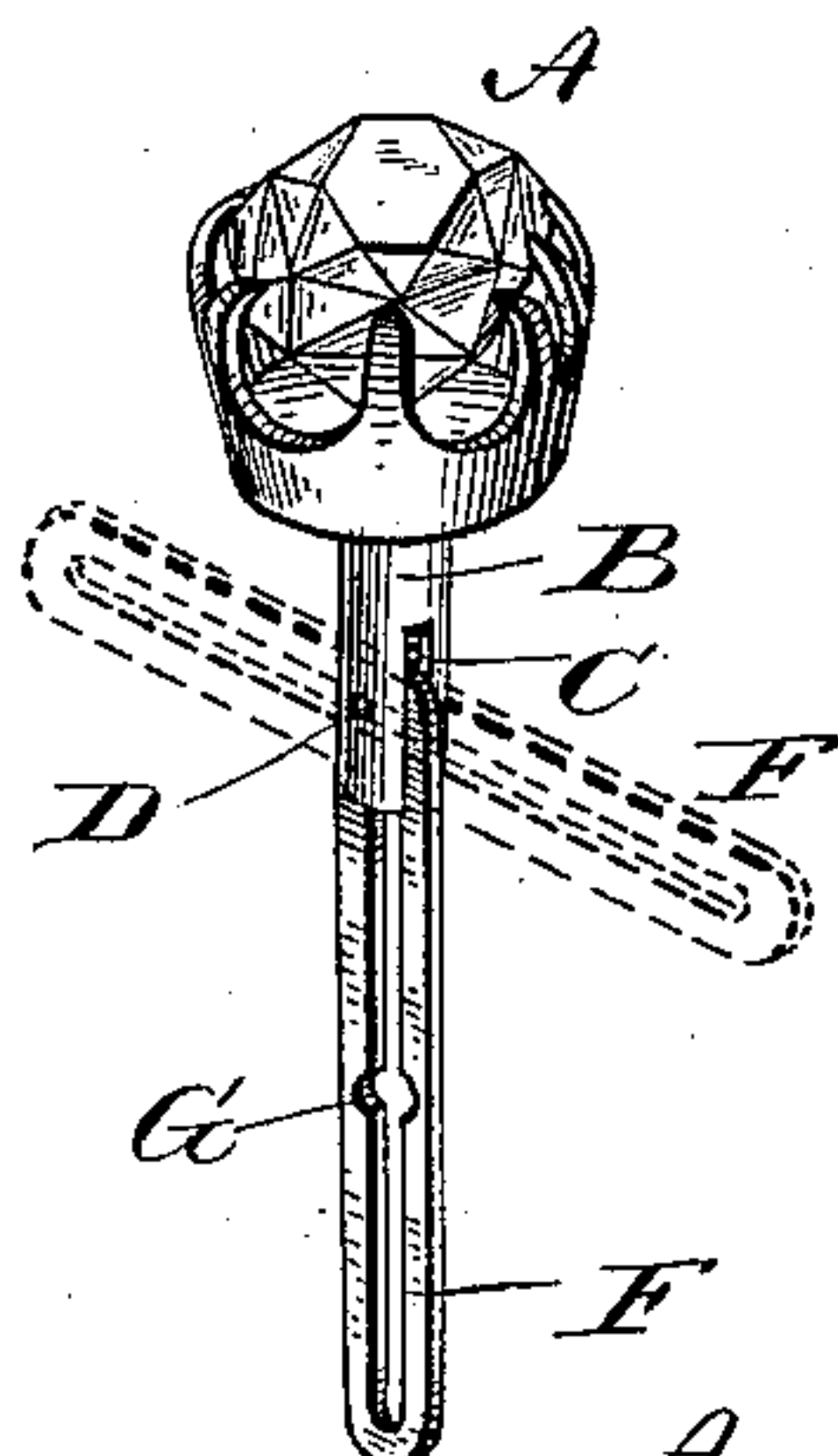
C. W. STUART.

BUTTON.

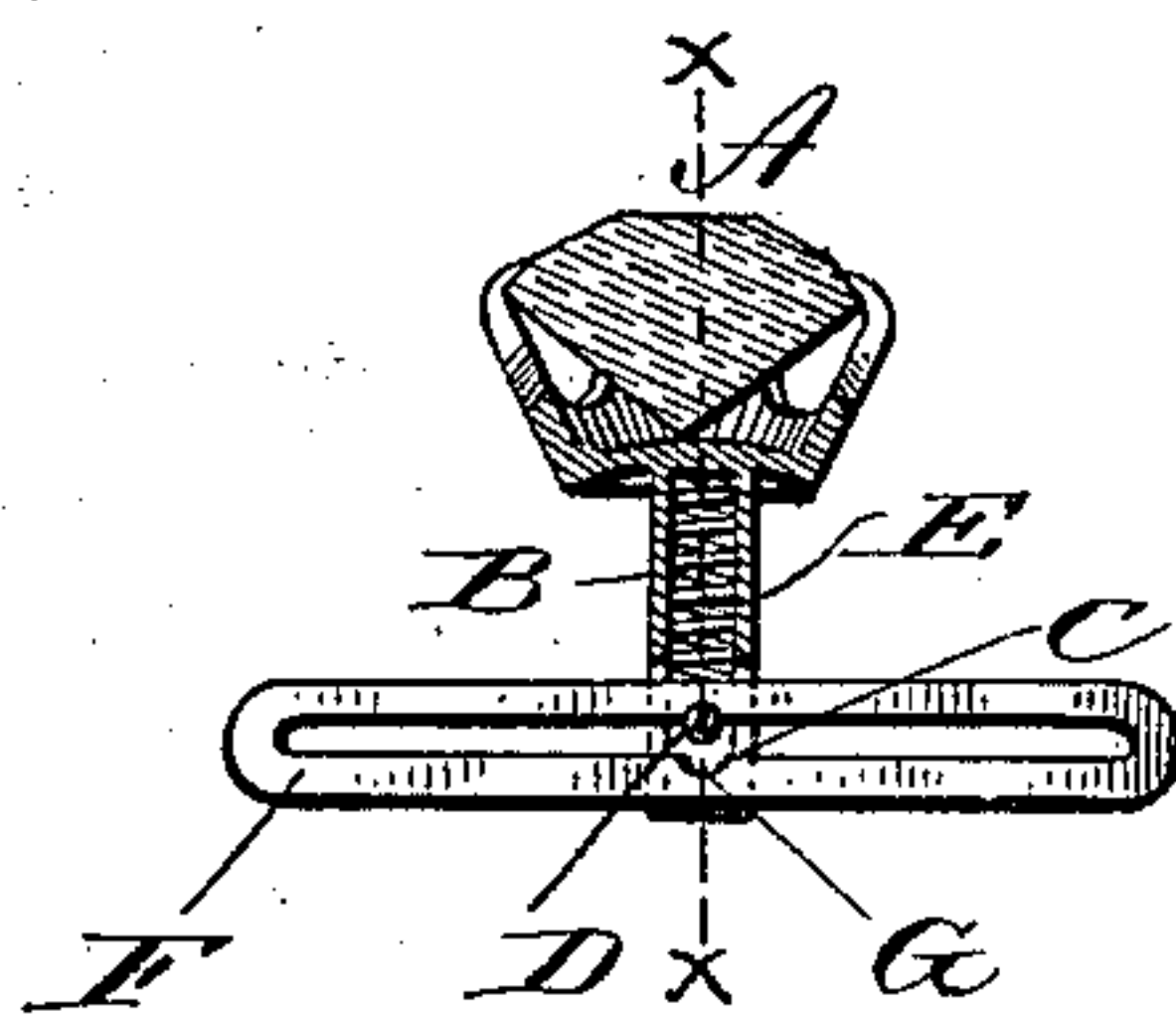
No. 360,976.

Patented Apr. 12, 1887.

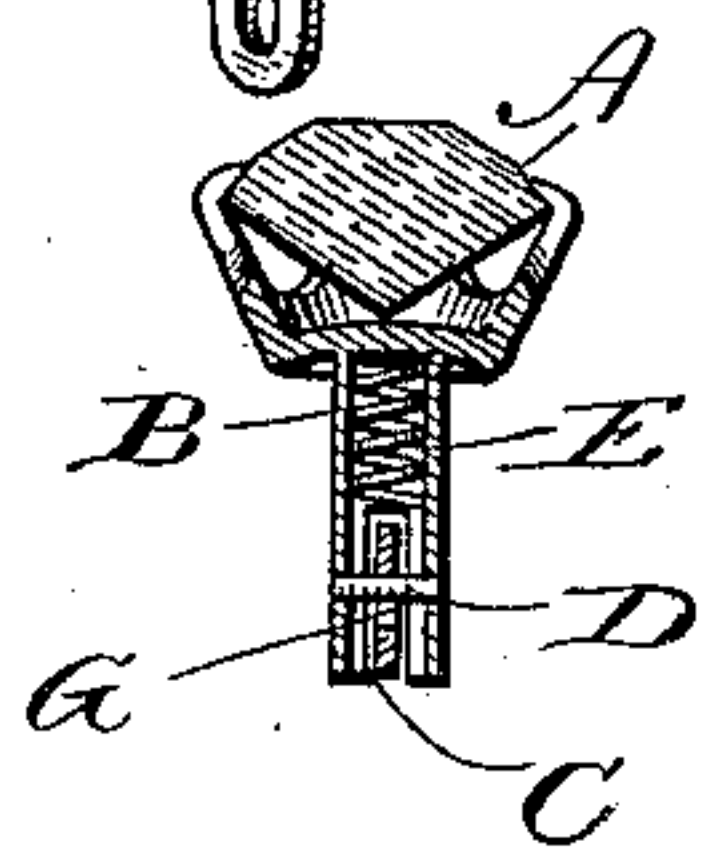
*Fig. 1.*



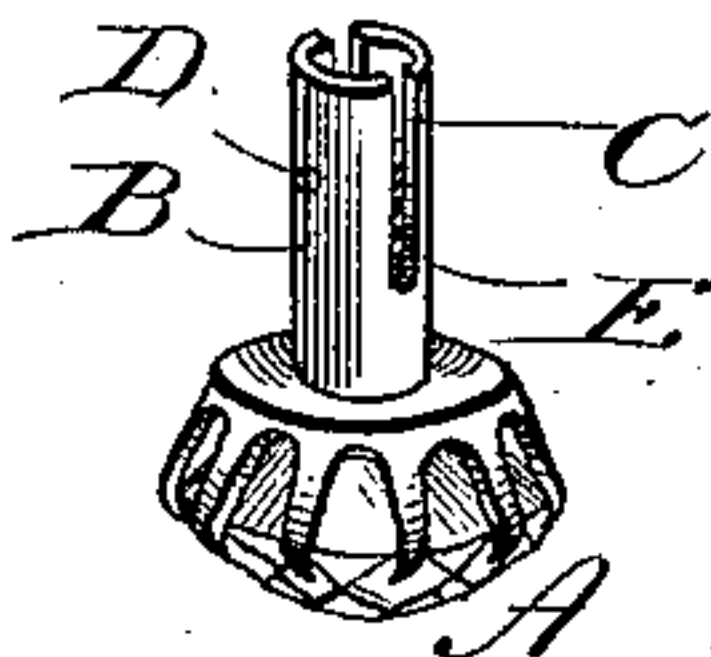
*Fig. 2.*



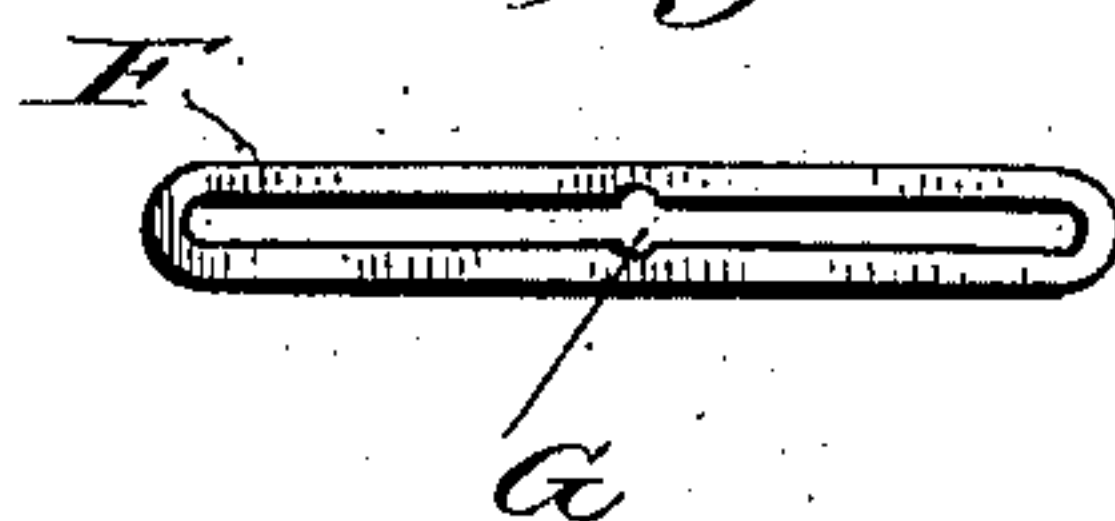
*Fig. 3.*



*Fig. 4.*



*Fig. 5.*



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# UNITED STATES PATENT OFFICE.

CARL WERNER STUART, OF NEW YORK, N. Y.

## BUTTON.

SPECIFICATION forming part of Letters Patent No. 360,976, dated April 12, 1887.

Application filed August 3, 1886. Serial No. 209,871. (No model.)

*To all whom it may concern:*

Be it known that I, CARL WERNER STUART, a subject of the King of Sweden and Norway, and a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Buttons; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved button. Fig. 2 is a longitudinal sectional view of the same. Fig. 3 is a cross-section on the line  $x x$  in Fig. 2. Fig. 4 is a detail view of the tubular shank, and Fig. 5 is a detail view of the movable and reversible shoe detached from the shank.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to that class of buttons which are provided with a movable shoe, so arranged that it may be brought into such a position relative to the stem or shank of the button that the latter may readily be inserted into the button-hole, after which the shoe is so adjusted that it will prevent the button from coming out; and my improvement consists in the detailed construction and combination of parts of a button of that class as will be hereinafter more fully described, and particularly pointed out in the claim.

In the accompanying drawings, A denotes the head of the button, which may, of course, be of any desired material and shape. B is the stem or shank, which is made hollow or tubular, and has a slot, C, cut down into it some distance from the top. Inserted transversely through the stem, at right angles to the slot C, is a pin or bridge, D, and below this is arranged a spiral spring, E, which is wholly concealed within the tubular stem B.

The movable and reversible shoe consists of an oblong link, F, flattened on both sides, so that it will slide readily in the slot C. In the middle of this link are two recesses or indentations, G, facing each other, and of such a size and shape that they will fit upon the pin or bridge-piece D.

From the foregoing description, taken in connection with the drawings, the operation of this device will be readily understood without requiring extended explanation. When it is desired to insert the button through a button-hole, the link or shoe F is depressed, so as to disengage or release its lower recess, G, from the pin D, after which it (the link) is drawn to one side and turned at right angles, as indicated in dotted lines. When the link or shoe is in this position, the button can readily be inserted through the button-hole, and after this has been accomplished the link is turned back into its former position at right angles to the stem. During this operation, as soon as the middle part of the link reaches the pin or bridge-piece D, the spring E will interlock the link with the said pin by causing the latter to engage or catch into one of the recesses G, thus preventing the link from becoming displaced accidentally. If the link becomes worn more on one side than on the other by constant use, it can be reversed, so as to bring its other side into contact with the pin D and spring E.

Having thus described my invention, I do not claim, broadly, the combination of the tubular shank, spring, and movable link, as I am well aware that the same combination has been used before in this class of buttons; but by constructing the movable link F with the inside registering-recesses, G G, it will be locked into its proper position, as hereinbefore described, and at the same time it can be readily reversed whenever it is desired to do so.

I therefore claim, and desire to secure by Letters Patent of the United States, the following:

In a button of the described class, the reversible flat link F, having the inside registering-recesses, G G, in combination with the tubular slotted shank B, having the pin or bridge-piece D, and spring E, substantially as and for the purpose shown and set forth.

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

CARL WERNER STUART.

Witnesses:

WM. J. KARLSIVE,  
KARL UNONIUS.