

(Model.)

W. P. DOLLOFF.
Separable Button.

No. 234,910.

Patented Nov. 30, 1880.

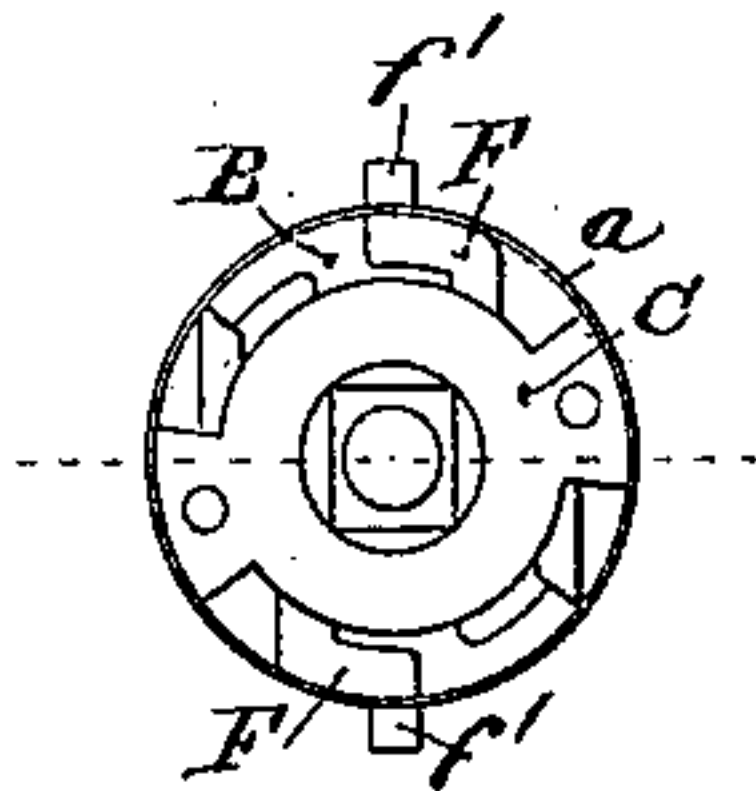


Fig. 1.

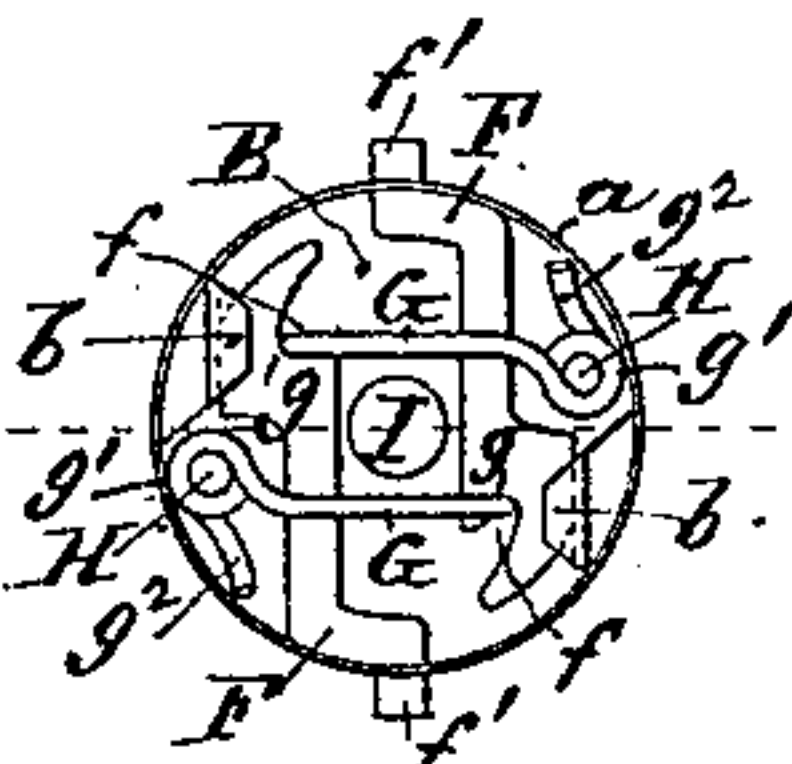


Fig. 2.

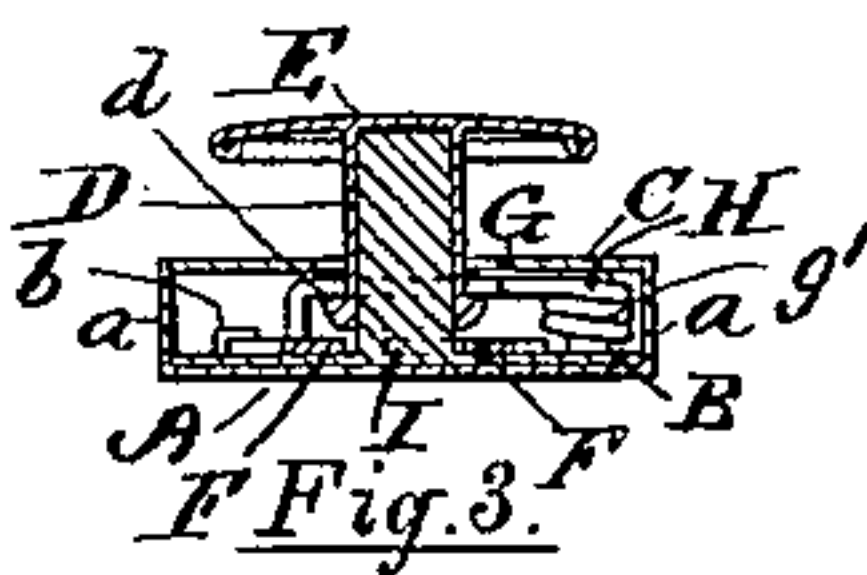


Fig. 3.

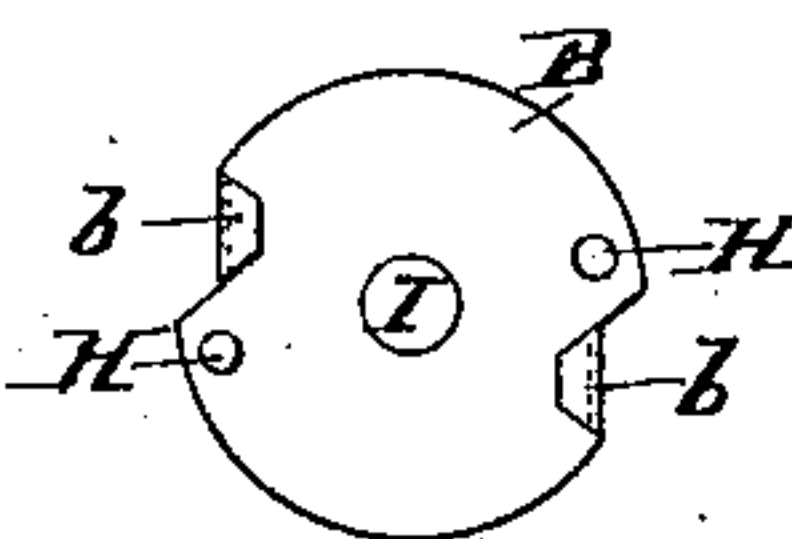


Fig.4.

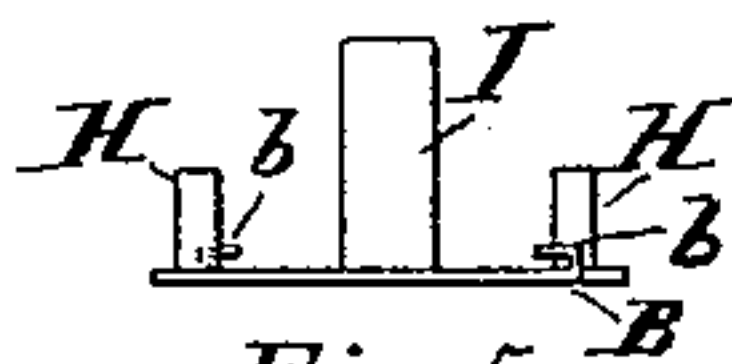


Fig. 5.

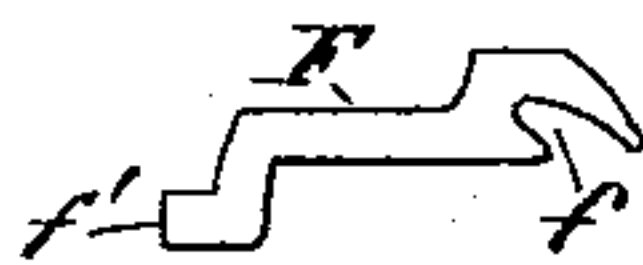


Fig. 6.

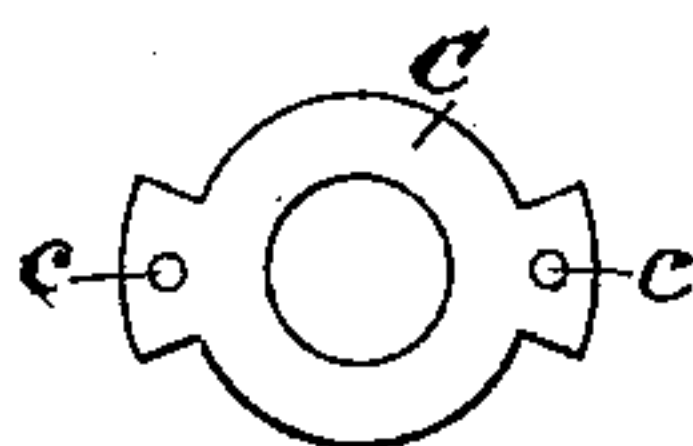


Fig. 7.

Witnesses:

Mendel Bourgignon,
H. W. Hubbard.

Inventor:

Wellington. P. Doloff.

UNITED STATES PATENT OFFICE.

WELLINGTON P. DOLLOFF, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR TO
HIMSELF AND EDWARD F. PRESBREY, OF SAME PLACE.

SEPARABLE BUTTON.

SPECIFICATION forming part of Letters Patent No. 234,910, dated November 30, 1880.

Application filed August 13, 1880. (Model.)

To all whom it may concern:

Be it known that I, WELLINGTON P. DOLLOFF, of Providence, in the county of Providence and State of Rhode Island, have invented an Improvement in Separable Buttons, of which the following is a specification.

My invention relates to that class of separable buttons where the spring-catches are operated by means of sliding pushers; and it consists in the peculiar construction and arrangement of the several parts, whereby the springs are made to have a soft, yielding action with properly-guided separate pushers, and with a skeleton back, whereby the mechanism of the catch movement is exposed to view from the back of the button, which is a desirable selling point.

Figure 1 represents a back view of the front portion of the button. Fig. 2 represents the same with the skeleton-plate removed. Fig. 3 represents a central section taken in the line of the axis of the post. Fig. 4 represents a plan view of the plate to which the fixed post and the posts for holding the springs are attached. Fig. 5 represents an elevation of the same. Fig. 6 represents a plan view of the pusher. Fig. 7 represents a plan view of the skeleton-plate.

In the accompanying drawings, A is the front plate of the button, made with a turned rim, *a*. B is a separate plate, to which the springs, pushers, and fixed post are attached. C is a skeleton-plate, which serves to retain the springs in place and to expose to view the working parts of the button. D is the hollow post, which is attached to the shoe E.

F F are the pushers, stamped out with an open notch, *f*, at their rear ends to receive the turned-down ends *g g* of the springs G G, which are coiled at *g'* around the spring-hold-

ing posts H H attached to the plate B, the arm *g*² of the spring resting against the inner side of the rim *a*.

The lips *b b*, turned up from the edge of the plate B, serve to hold the rear end of the pushers F F and prevent them from rising from the face of the plate, and they are also guided by the fixed post I, which is attached to the center of the plate B, between the adjacent edges of the pushers F F.

The plate B is soldered to the back of the plate A, and the plate C, provided with the holes *c c*, which are placed over the ends of the spring-holding posts H H and secured thereby, prevents the springs from rising when under the action of the annular catch *d* of the hollow post.

The rim *a* is slotted circumferentially at opposite points to receive the ends *f' f'* of the pushers F.

The long arm of the springs G G serves to clasp the catch *d* upon the hollow post D.

I claim as my invention—

In a separable button, the combination of the front plate, A, provided with a perforated rim, *a*, and the plate B, provided with the fixed post I, for guiding and supporting the hollow post D, the spring-supporting posts H H, and the turned lips *b b*, with the pushers F F, provided with the open notches *f*, springs G G, formed with a downward turn, *g*, a coil, *g'*, and an arm, *g*², resting against the inner side of the rim *a*, and the back C, provided with the holes *c c*, for attachment to the posts H H, all arranged and operating substantially as described.

WELLINGTON P. DOLLOFF.

Witnesses:

WENDEL BOURGUIGNON,
H. W. HUBBARD.