

No. 734,334.

PATENTED JULY 21, 1903.

W. M. H. JOCKIN.
SEPARABLE BUTTON.

APPLICATION FILED MAR. 17, 1903.

NO MODEL.

Fig. 1

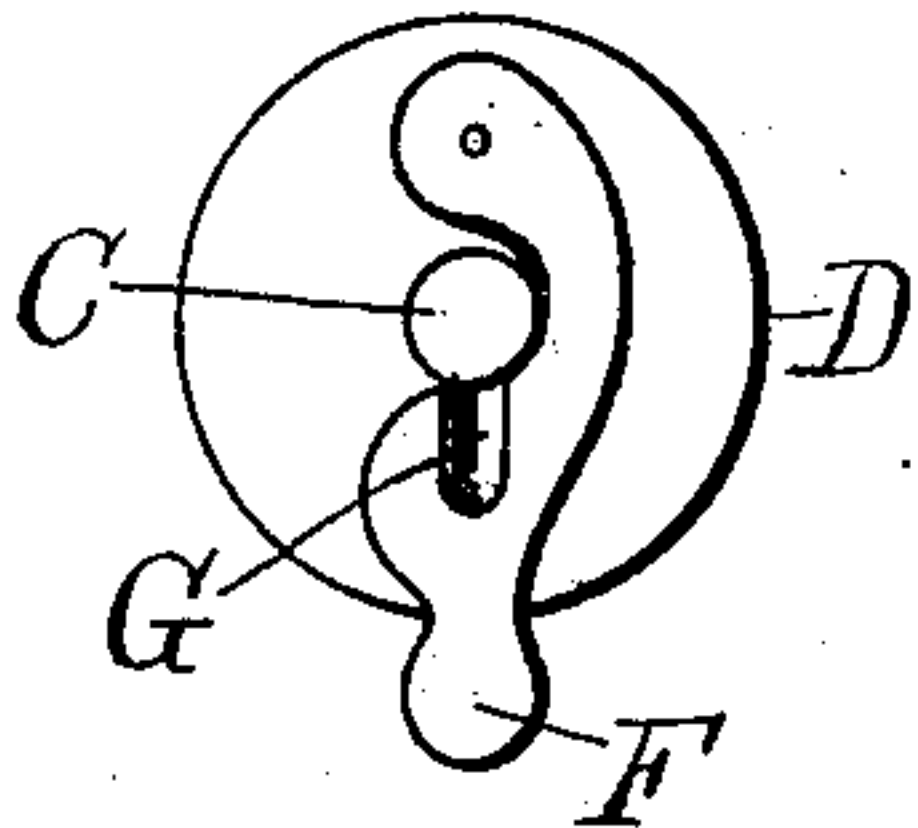


Fig. 2

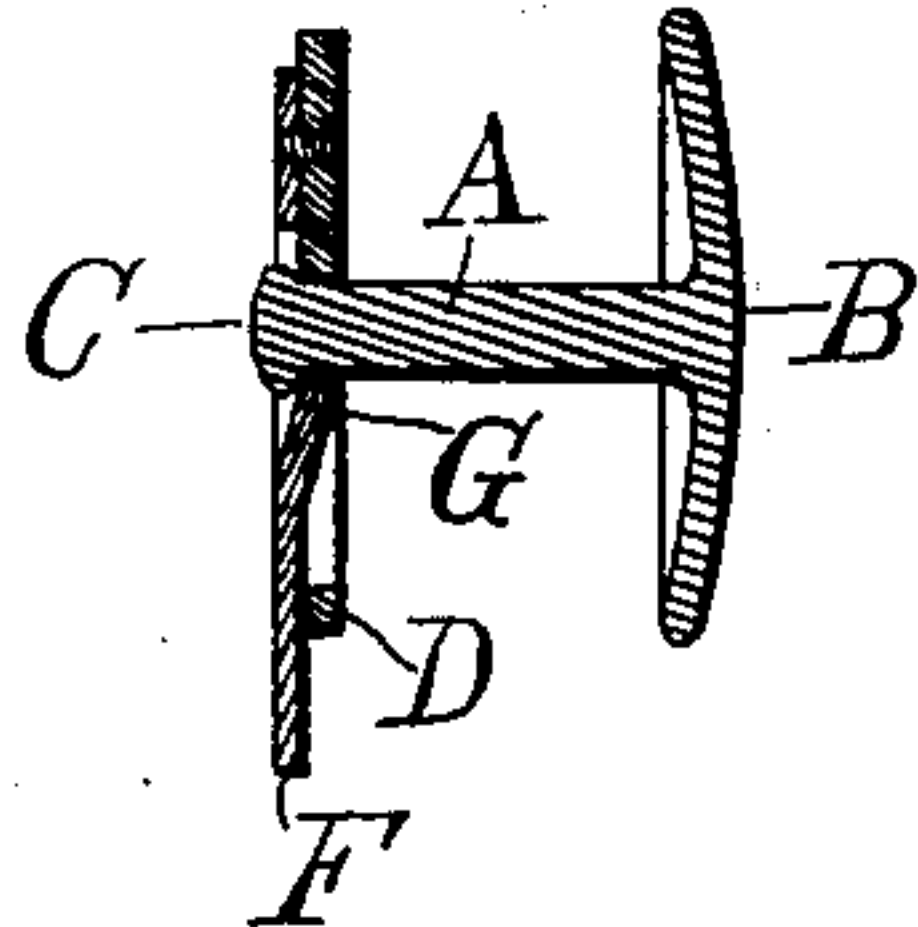


Fig. 3

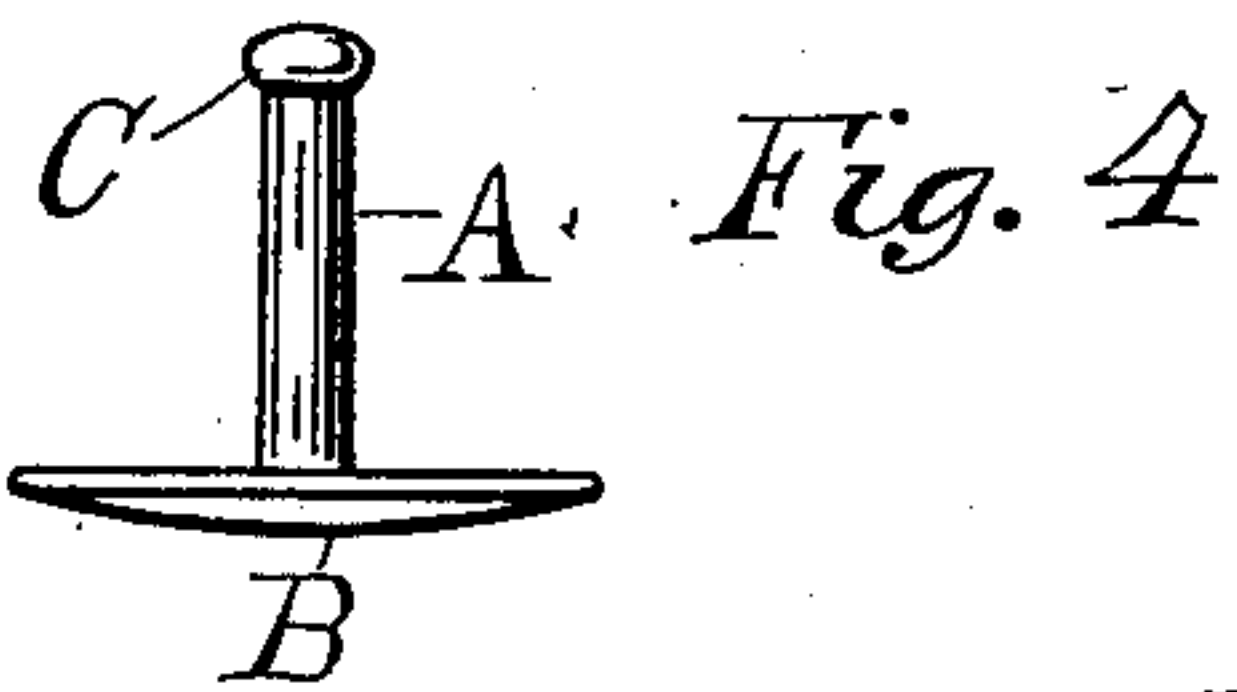
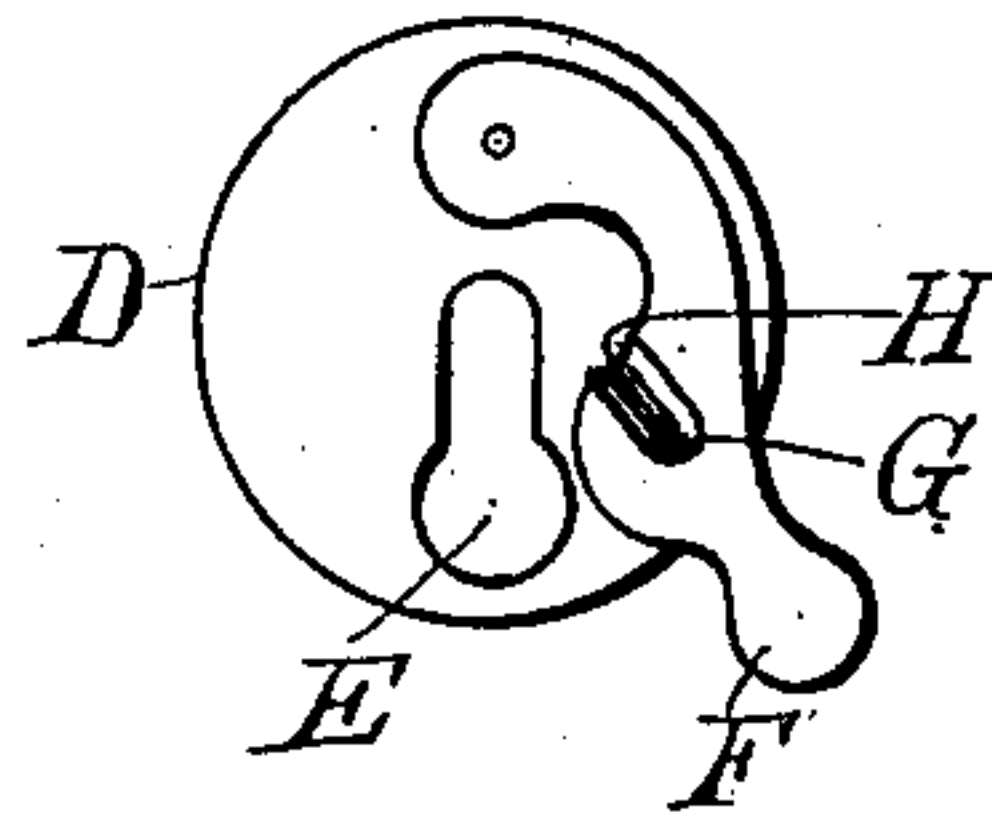
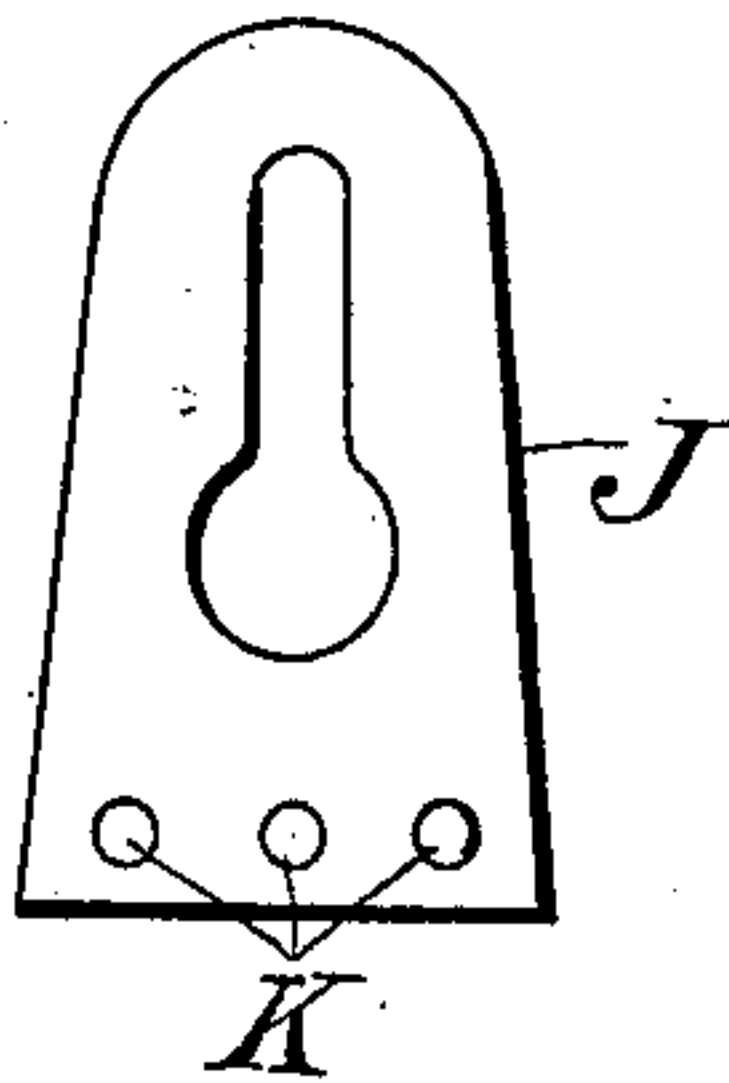


Fig. 5



Witnesses
J. P. Byrne
Horatio S. Mout

Inventor
W. M. H. Jockin

UNITED STATES PATENT OFFICE.

WILLIAM MARY HUBERT JOCKIN, OF NEW YORK, N. Y.

SEPARABLE BUTTON.

SPECIFICATION forming part of Letters Patent No. 734,334, dated July 21, 1903.

Application filed March 17, 1903. Serial No. 148,241. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM MARY HUBERT JOCKIN, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Separable Buttons; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to separable buttons, and belongs to that class of collar, cuff, and garment fastenings wherein a shank is provided at one end with a relatively large head and at the other end with a relatively small head that can be easily passed through, for example, the buttonhole of a stiffly-starched collar. Such buttons are further supplied with locking-plates and devices to secure the small head and shank against repassing through the buttonhole until unlocked; and the object of my invention is the production of a special locking-plate furnished with a lever-lock of particular construction.

I accomplish the object stated by means of the parts and their association illustrated in the accompanying drawings, of which—

Figure 1 represents a bottom view of the locking-plate and lever with the lever closed beneath the smaller head of the shank. Fig. 2 is a vertical mid-sectional view of the parts when locked together. Fig. 3 is a bottom plan view of the locking-plate with the lever open. Fig. 4 is a side view of the shank and heads, and Fig. 5 is a plan view of a plate sometimes used and which may be permanently sewed to a necktie or other garment.

Like letters refer to like parts in the several views.

Considering the drawings, letter A marks the shank, and B the major head, and C the minor head.

Letter D designates the locking-plate, which is provided with a keyhole-slot E, extending from the center of the plate toward the edge.

Pivoted to the locking-plate is the curved lever F, which has a hollow protuberance G, formed by pressing the metal outwardly during the process of manufacture, and the edge H of the protuberance, curving downwardly, engages the smaller head of the shank, as shown in Fig. 2. After the small head C is passed through a buttonhole it is inserted in the larger end of the keyhole-slot E and moved into the narrower part of the slot, which is less in width than the small head, but greater in width than the diameter of the shank. The turn of the lever from the position shown in Fig. 3 brings the curved edge H of the protuberance across the narrower part of the keyhole-slot and against the shank next the small head, which is effectually locked in position. Furthermore, the lever F is elastic, and this quality holds the parts in their locked engagement as strongly as is necessary for the purpose.

To release the lock and separate the button, the end of the lever is raised against its elasticity until the protuberance is clear of the slot and then turned away from the slot. The shank can now be removed from the locking-plate.

The modified plate J (shown in Fig. 5) is furnished with orifices K, by means of which the broad end of the plate can be stitched to a necktie, for instance, and the round tip of the plate is unattached in order that it may be raised and the finger passed behind it to operate the lever.

I am aware that separable buttons have been made having spring-controlled levers movable into engagement with a recessed shank or the like, and I do not claim such mechanism, broadly.

What I claim, and desire to secure by Letters Patent of the United States, is—

In a separable button, the combination of the shank provided with relatively larger and smaller heads, the said smaller head forming a shoulder with the shank, a lock-plate having a keyhole-slot, the larger end of the slot admitting the smaller head of the shank and the narrower portion of the slot adapted to engage the said shoulder, an elastic lever piv-

oted to the said plate and adapted to be moved
over the said slot and against the shank, the
said lever being provided with a hollow pro-
tuberance on its side next to said lock-plate
5 which enters the said keyhole-slot when the
lever is closed and wherein it is held by the
elasticity of the lever thereby locking the le-
ver in its closed position, the edge of said pro-

tuberance passing beneath the smaller head,
substantially as described. 10

In testimony whereof I affix my signature
in presence of two witnesses.

WILLIAM MARY HUBERT JOCKIN.

Witnesses:

JOHN P. BYRNE,

HORATIO S. MOAT.