

Sept. 11, 1923.

1,467,335

J. O. ROY

BUTTON

Filed Nov. 17, 1922

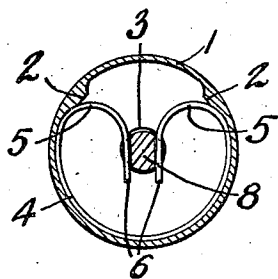


FIG. 1.

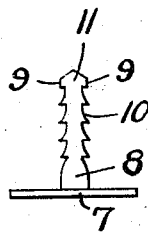


FIG. 2.

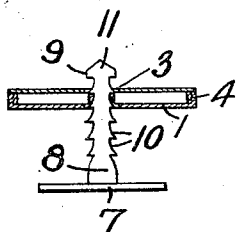


FIG. 3.

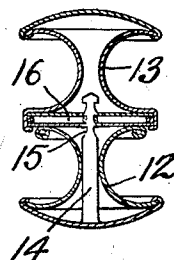


FIG. 4.

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1,467,335

UNITED STATES PATENT OFFICE.

JOSEPH OMER ROY, OF MONTREAL, QUEBEC, CANADA.

BUTTON.

Application filed November 17, 1922. Serial No. 601,666.

To all whom it may concern:

Be it known that I, JOSEPH OMER ROY, a British subject, residing at #5 Mount Royal Street west, in the city of Montreal, in the Province of Quebec, in the Dominion of Canada, have invented certain new and useful Improvements in Buttons; and I do hereby declare that the following is a true, clear, and exact description of the same.

The present invention relates to improvements in buttons, and is hereinafter fully described and illustrated in the accompanying drawing, in which:—

Figure 1 is a sectional view through the spring casing of one of the coating members.

Figure 2 is a side elevation of the other member of the button carrying the locking stem.

Figure 3 is a side elevation of the button, the member carrying the spring being shown in cross section.

Figure 4 is a cross section view through the mating members of a cuff link of the detachable type, according to the invention.

Like numerals of reference indicate corresponding parts in each figure.

Referring to the drawing:—

1 is one of the coating members carrying a spring casing preferably of circular shape and provided on its inner side with bosses 2, and 3 is a central circular opening through each side of said casing. Intermediate of said casing is provided the semi-circular flat spring member 4 inwardly curved at 5, the free ends 6 of said spring extending inwardly and in parallel relation to each other and intersecting a portion of said central hole 3. The bosses 2, due to their engagement with the curved parts 5 of the spring, prevent the latter from turning within the casing. The other member of the button consists of a disc 7 centrally provided with the perpendicular stem 8, said stem being provided with flattened sides 9, and 10 are a plurality of teeth on each of said flattened sides. Said stem is adapted to enter the hole 3, the free ends 6 of the spring 4 engaging the teeth 10 on both sides of said stem. To remove the said stem from engagement with said spring, the disc 7 is turned in order to bring the flat sides 11 in contact with the free ends 6 of the spring. The free ends 6 of the spring are preferably slightly tapered on their inner sides in order to fit snugly in the tooth spaces (as disclosed

in Figure 3 of the drawing) so that the said stem 8 will be firmly held by said spring.

In Figure 4 of the drawing is illustrated a cuff link of the detachable type consisting of a pair of mating members 12 and 13, the member 12 having a projecting stem 14 provided at its upper end with teeth 15 corresponding to teeth 10 (disclosed in Figures 2 and 3) while the member 13 is provided with a spring casing 16 corresponding to the spring casing 1 in which locks the stem 14.

What I claim as my invention is:—

1. A button comprising a pair of coacting members, one of which embodies a casing provided with a pair of internal bosses and with a central hole, the other member embodying a locking stem for insertion through said hole; and a semi-circular spring within said casing having its end portions curved inwardly and engaged with said stem adjacent their terminals, said curved portions being engaged with said bosses to prevent the spring from turning within the casing.

2. A cuff-button comprising a pair of mating, hollow members; and a detachable connection between said members embodying a casing secured in the inner end of one member and provided with a central hole, a locking stem secured within the other member and projecting outwardly beyond the inner end thereof for insertion through said hole, and a bowed spring within said casing having its ends engaged with the inserted portion of said stem.

3. A cuff-button comprising a pair of mating, hollow members; and a detachable connection between said members embodying a casing secured in the inner end of one member and provided with a pair of internal bosses and with a central hole, a locking stem secured within the other member and projecting outwardly beyond the inner end thereof for insertion through said hole, and a bowed spring within said casing having its end portions curved inwardly and engaged with said stem adjacent their terminals, said curved portions being engaged with said bosses to prevent the spring from turning within the casing.

Signed at Montreal, Quebec, Canada this 26th day of October 1922.

JOSEPH OMER ROY.

Witnesses:

C. PATENAUDE,
A. BRUNET.