

No. 647,967.

Patented Apr. 24, 1900.

J. E. HILLS.
BUTTON.

(Application filed Oct. 5, 1898.)

(No Model.)

Fig. 1.

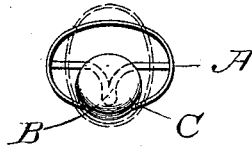


Fig. 2.

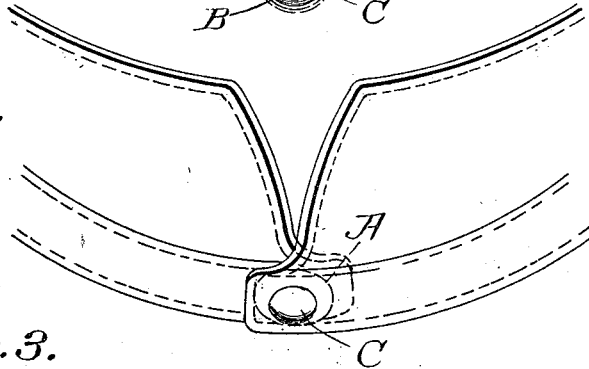


Fig. 3.

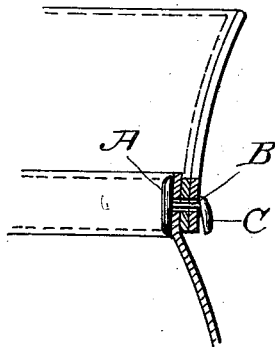


Fig. 4.

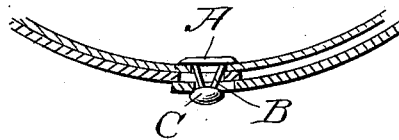


Fig. 5.

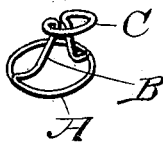
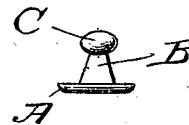


Fig. 6.



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JAMES E. HILLS, OF NEW YORK, N. Y.

BUTTON.

SPECIFICATION forming part of Letters Patent No. 647,967, dated April 24, 1900.

Application filed October 5, 1898; Serial No. 692,686. (No model.)

To all whom it may concern:

Be it known that I, JAMES E. HILLS, a citizen of the United States, residing at New York city, county of Kings, State of New York, have invented certain new and useful Improvements in Buttons, of which the following is a specification.

My invention relates to a button which may be used as a collar or a cuff button.

10 The button consists, essentially, of a shoe, a shank projecting from said shoe, and a head attached to the shank and disposed at an angle to the shoe.

15 The object of the invention is a button which will facilitate its introduction and fastening of the object, such as the collars or cuffs with which it is used.

The accompanying drawings illustrate my invention, in which—

20 Figure 1 is a front view of the button and also illustrates in dotted lines the position of the shank, and, further, that the shank may be arranged as shown in the full lines or as in the dotted lines. Fig. 2 is a front view of a collar with a button in use. Fig. 3 is a side view of the button and a vertical section of a band of a shirt and the attached collar. Fig. 4 is a sectional view of the collar-band and shirt-band and plan view of the button. 25 Fig. 5 is a perspective view of a modification, showing the button made of wire. Fig. 6 is a side view of the button shown in Fig. 3 viewed from above.

30 In the drawings, A represents the shoe, and B the shank. The shank is preferably formed with inclined sides, as shown in Fig. 6; but parallel sides may also be successfully employed. The shank may be attached to and in line with the long side of the shoe, as shown in full lines, Fig. 1, or transversely, as shown 40 in the dotted lines, Fig. 1.

C is the head, which is attached to the shank at one side, (shown in Fig. 3,) and its under surface is at an acute angle to the surface of 45 the shoe.

By this arrangement when the button is in position the transverse diameter of the shank is parallel with the long diameter of the buttonhole of the shirt, collar, or other object 50 with which the button is used.

I am aware that collar-buttons have heretofore been made with the longitudinal axes of the shoe and head parallel and with the upper and lower surfaces or both surfaces of 55 the head at an angle to the shoe, and such I

do not claim. In my improved device the longitudinal axis of the head is at an acute angle with that of the shoe, and by this change the introduction of the head through a buttonhole or the passage of the goods over 60 the head is materially facilitated.

Having thus described my invention, I claim—

1. In a button, the combination of a shoe, a head disposed at an angle to said shoe, and 65 a shank with sides converging from said shoe to said head, and connecting said parts, substantially as described.

2. In a button, the combination of a shoe, a head disposed at an angle to the shoe, and 70 a flattened shank with sides converging from said shoe to said head, and connecting said parts, substantially as described.

3. In a button, the combination of a shoe, a head disposed at an angle to said shoe, and 75 a shank with converging sides connected at one end to said shoe, and at the other end to the periphery of said head, substantially as described.

4. A button formed of wire, comprising a 80 shoe, a shank, and a head, said head disposed at an angle to said shoe, substantially as described.

5. In a button, the combination with a shoe, a head disposed at an angle to said shoe, and 85 a shank connecting the two, substantially as described.

6. In a button, the combination of a shoe formed as a flattened disk, a head formed as a flattened disk disposed at an angle to said 90 shoe, and a shank connecting the two.

7. In a button, the combination of a shoe, a head the longitudinal axis of which is at an angle to said shoe, and a shank connecting 95 the two.

8. In a button, the combination of a shoe formed as a flattened disk, a vertically-arranged shank connected at one end to the shoe and at the other end to a point on the 100 under side of the periphery of the head, and a head formed as a flattened disk disposed at an angle to the shoe and flattened side of the shank.

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

JAMES E. HILLS.

Witnesses:

ARTHUR C. BLATZ,
ERNEST O. PLATT.