

G. R. BURDON.

Shirt-Button or Stud.

No. 128,946.

Patented July 16, 1872.

Fig. 1.

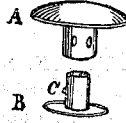


Fig. 2.

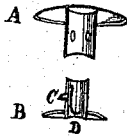


Fig. 3.



WITNESSES

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GEORGE R. BURDON, OF PROVIDENCE, RHODE ISLAND.

IMPROVEMENT IN SHIRT BUTTONS OR STUDS.

Specification forming part of Letters Patent No. 128,946, dated July 16, 1872.

To all whom it may concern:

Be it known that I, GEORGE R. BURDON, of the city and county of Providence, in the State of Rhode Island, have invented a new and useful Improvement in Shirt Buttons or Studs; and I do hereby declare that the following specification, taken in connection with the drawing making part of the same, is a full, clear, and exact description thereof.

Figure 1 represents a button of two parts, with my improvement. Fig. 2 is a sectional view, showing the interior of the two hollow posts. Fig. 3 represents the bolt and spring.

In the accompanying drawing, A and B, Fig. 1, are two button-plates. To each are soldered a short tube or hollow post, these posts being made so one may slide within the other, are provided with one or more small holes through their sides for the purpose of fastening, as hereinafter described. C, Fig. 3, is a bolt, one end of which is made beveling, and on the opposite end is attached a cross-bar. D is a spring for operating the bolt C. It is bent in the form of a staple. The two ends are slightly curved. Other forms might answer the same purpose, but I have preferred this, as it is simple, and may be used with two bolts when they are arranged opposite each other. The bolt C is fitted through the side hole of the post on B, as shown in section, Fig. 2; spring D pressing against the cross-bar retains the bolt in its place. In the use of two bolts, spring D would

operate equally as well against the cross-bars of each.

The side holes in the two posts are punched or drilled so that they may be turned in the same connecting relation to each other. By being so arranged the bolt C of the inner post on plate B may be sprung into any side hole of the outer post on plate A, thus locking the two parts together and securing the button or stud in the garment. The end of the bolt is so shaped as to remain in a side hole on the outer post, where it is free from any wear.

To remove the button, turn the top to the left, under a slight pressure, which will, by friction against the flesh, retain the back from moving. The bolt is thus thrown inward by its bevel end, and slides from its side hole in the outer post, which releases the parts so that the button heads may be drawn apart.

I do not claim a button made in two parts; but

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

The bolt C, in connection with spring D, and in combination with the hollow posts of A and B, when arranged to operate through side holes, substantially as described.

GEO. R. BURDON.

Witnesses:

PETER F. HUGHES,
CHAS. L. SPENCER.