

M. P. BOWMAN.

FASTENINGS FOR SLEEVE BUTTONS AND STUDS.

No. 183,893.

Patented Oct. 31, 1876.

Fig. 2.

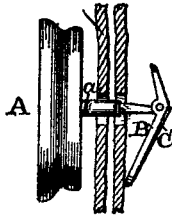


Fig. 1

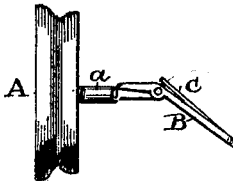
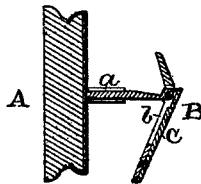


Fig. 3.



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UNITED STATES PATENT OFFICE.

MORRIS P. BOWMAN, OF YOUNGSTOWN, OHIO.

IMPROVEMENT IN FASTENINGS FOR SLEEVE-BUTTONS AND STUDS.

Specification forming part of Letters Patent No. 183,893, dated October 31, 1876; application filed September 20, 1876.

To all whom it may concern :

Be it known that I, MORRIS P. BOWMAN, of Youngstown, in the county of Mahoning and State of Ohio, have invented certain new and useful Improvements in Fastenings for Sleeve-Buttons, Studs, &c.; and I do hereby declare that the following is a full, clear, and exact description thereof, which 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 sleeve and collar buttons, shirt-studs, and other like articles of ornament and use for connecting the parts of garments.

The invention consists in a new and improved fastening device, by means of which the comparatively large button-holes heretofore necessary may be dispensed with, and the button or stud be inserted in the required position easily and quickly, be securely held in place, and be removed or detached when required with facility, all as hereinafter set forth.

In the accompanying drawings, Figure 1 is a side elevation of a sleeve-button having my improved fastening device shown extended or in position ready to be inserted in place. Fig. 2 is a similar view, showing the button secured in position. Fig. 3 is a sectional view, showing the construction and arrangement of the parts of the device.

All the figures show the button enlarged, so as to illustrate the invention more clearly.

Referring to the parts by letters, A represents a sleeve-button, on the back of which, and projecting from its central portion, is a plate or fixed standard, *a*. B is a guard-bar hinged to the end of the standard *a*. This guard-bar is formed with a longitudinal slot, *b*, in which a spring-bar, C, is inserted, the outer end of the spring being secured to the outer end of the bar B, and its other or free end resting on and bearing against the hinge. The inner or short end of the bar B is slightly curved or bent inwardly, so as not to catch while the button is being placed in position or withdrawn therefrom.

With a button of this description it will be seen that the spring C, bearing against the hinge, will keep the guard-bar B in position, either extended, as shown in Figs. 1 and 3, or turned laterally, as shown by Fig. 2 of the drawings, a certain degree of force being required to turn the bar in either direction.

When it is desired to place the button in position, the bar B is extended, and can then be easily passed through narrow slits or openings in the garment to be fastened. The guard-bar B is then turned on its hinge, when its projecting ends will extend beyond the holes or openings in the garment and securely hold the button in position. By again turning the bar B into its extended position the button can be removed without difficulty.

The advantages resulting from the use of my improved fastening device will be apparent to any one who has suffered loss or inconvenience through the use of the old style of button, which soon enlarges the button-holes and drops out or fails of its office.

With a button or stud having my improvement only a small hole or narrow slit requires to be made in the garment, there is no difficulty in placing the button in position, and when the guard-bar is turned laterally its ends project so far beyond the slits or openings that the button cannot become detached or drop out.

It will also be seen that while the spring, by always bearing against the hinge with pressure, retains the bar B in either position, as hereinbefore set forth, yet, by its being made as described and inserted within the slot in the bar, it does not take up any extra space, or project so as to catch or tear the garment, and does not necessitate the use of any larger hole being made in the garment than is required for the passage of the bar B itself.

By this device I therefore obtain a constant pressure to retain the bar B in any desired position, without increasing the size of the fastening device.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The herein-described button-fastening device, consisting of the bar B, hinged to the standard *a*, and having the slot *b*, in which the spring C is secured, so that its free end rests upon and bears against the hinge, substantially as and for the purpose specified.

In testimony that I claim the foregoing as

my own I affix my signature in presence of two witnesses.

MORRIS P. BOWMAN.

Witnesses:

E. GUTHMAN,
O. C. BURNHAM.