

G. D. STEVENS.

SHIRT-STUD AND SLEEVE-BUTTON.

No. 173,363.

Patented Feb. 8, 1876.

Fig. 1.

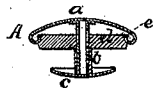


Fig. 2.

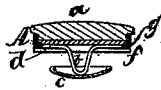


Fig. 3.

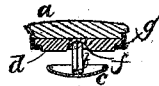


Fig. 4.



Witnesses.

Otto Hufeland.
Chas. Wahlen.

Inventor.

Geo. D. Stevens.

UNITED STATES PATENT OFFICE.

GEORGE D. STEVENS, OF EAST ORANGE, NEW JERSEY.

IMPROVEMENT IN SHIRT-STUDS AND SLEEVE-BUTTONS.

Specification forming part of Letters Patent No. **173,363**, dated February 8, 1876; application filed October 4, 1875.

To all whom it may concern:

Be it known that I, GEORGE D. STEVENS, of East Orange, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Shirt-Studs and Sleeve-Buttons; which improvement is fully set forth in the following specification, reference being had to the accompanying drawing, in which—

Figure 1 represents a central section of a sleeve-button with a single stud constructed according to my invention. Fig. 2 is a similar view of a sleeve-button with a forked stud. Fig. 3 is a side view of the same. Fig. 4 is a central section of a shirt-stud.

Similar letters indicate corresponding parts.

This invention consists in the combination of a protector made of stone or any other suitable material, with a shirt-stud or sleeve-button, the head of which is composed partly or wholly of gold, or an alloy of gold, or other metal, so that by the protector the gold is prevented from rubbing against the shirt, and, at the same time, the shank is strengthened in its position. If the gold is permitted to come in contact with the shirt the surface of the latter is liable to be blackened.

In the drawing, the letter A designates a sleeve-button which is composed of a head, *a*, a shank, *b*, and a back disk, *c*. In many cases all these parts are made partially or wholly of gold or other metal; and in sleeve-buttons as usually made the gold which composes the whole or a portion of the head is so placed that the same rubs against the outer surface of the cuff, and thereby the cuff is liable to be blackened. This disadvantage I have overcome by placing beneath the head *a* a protector, *d*, of stone, ivory, or other material of a similar nature, which is not liable to blacken the shirt when permitted to rub against it. This protector is provided, in its circumference, with a V-shaped groove, *e*, which receives the rim of the head.

The stud *b* may be fastened to the center of

the head, as shown in Fig. 1; or it may be secured to the head as shown in Figs. 2 and 3. In the former case the stud is made of two parts, one of which fits into the other, and is soldered to the inner surface of the head, while the other part is soldered to the back disk *c*. After the protector has been inserted into the head, the foot-plate with its hollow shank is slipped over the stud of the head and fastened by solder or otherwise. In this case the protector *d* assists in keeping the stud steady.

If the stud is to be fastened to the head, as shown in Figs. 2 and 3, the protector is provided with a groove, *f*, to receive the arms of the stud, which are fastened to a ring, *g*, into which the protector is dropped, said ring being made to project above the protector, to form a receptacle for the head *a*. When the button is complete the arms and the ring are prevented by the protector from coming in contact with the surface of the shirt.

In Fig. 4 I have shown the application of my protector to a shirt-stud, A^o, with a screw-shank, *b*^o. The construction of this device is substantially the same as that of the sleeve-button shown in Fig. 1, the protector *d* being so situated that the gold of the head is prevented from coming in contact with the shirt.

What I claim as new, and desire to secure by Letters Patent, is—

The protector *d*, provided with the circumferential groove *e*, in combination with the button A, having the shank *b*, and back disk *c*, the said groove of the protector being set in the rim of the button A, as and for the purpose herein described.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 30th day of September, 1875.

GEO. D. STEVENS. [L. S.]

Witnesses:

W. HAUFF,

E. F. KASTENHUBER.