

(No Model.)

C. H. COOKE.
SHIRT BOSOM STUD.

No. 544,884.

Patented Aug. 20, 1895.

FIG. 1.

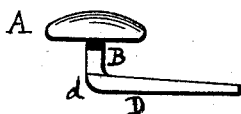
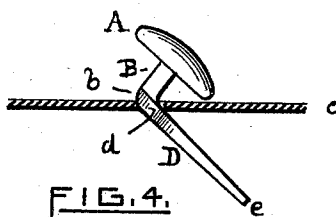
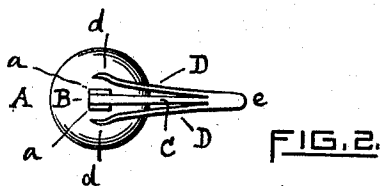
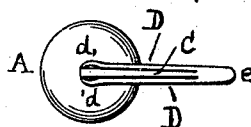


FIG. 3.



WITNESSES,

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UNITED STATES PATENT OFFICE.

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SHIRT-BOSOM STUD.

SPECIFICATION forming part of Letters Patent No. 544,884, dated August 20, 1895.

Application filed May 17, 1896. Serial No. 549,608. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. COOKE, of the city and county of Providence, in the State of Rhode Island, have invented a certain new and useful Improvement in Shirt-Bosom Studs; and I declare the following to be a specification thereof, reference being had to the accompanying drawings.

Like letters indicate like parts.

Figure 1 is a side elevation of my invention. Fig. 2 is a rear elevation of the same, showing the spring-prongs in their normal position. Fig. 3 is a rear elevation showing the spring-prongs pressed into contact with the shoe. Fig. 4 illustrates the manner of inserting the stud through the shirt-bosom or withdrawing it therefrom.

My invention is an improved stud designed for use upon shirt-bosoms; and it consists of the combination, with a head or ornamental button-front provided with the usual post or shank, of a shoe extending from the end of the post or shank to one side at a right angle, and two spring-prongs secured to the shoe on opposite sides thereof at its outer end and adapted by their resilience to normally spread apart or separate at their free ends away from the shoe, but capable of being pressed into longitudinal contact with the shoe, as hereinafter particularly specified.

In the drawings, A represents the ornamental head or button-front of a shirt-bosom stud.

B is the post or shank, cut away at its end to a narrower width, leaving these shoulders *a*, Fig. 2, on two opposite sides.

C is the shoe, which is in the form of a bar and extends from the end of the post or shank B at a right angle thereto. The corner formed at the outer junction of the post B and shoe C is rounded off, as at *b*, Fig. 3, to facilitate the passage of the post and shoe through the eyelet-hole of the shirt-bosom *c*. On each side of the shoe C, at the outer end thereof, is secured a spring-prong D, extending flar-

ingly or at an acute angle with the shoe inwardly, as seen in Fig. 2. The spring-prongs D have their free ends slightly curved and brought to an edge, as shown at *d*.

To insert the stud into the shirt-bosom the point *e* of the shoe C is passed through the eyelet-hole and the shoe C is pressed through. The spring-prongs D are compressed by the edges of the eyelet-hole in passing until said prongs lie snugly in contact with the shoe C, as seen in Fig. 3. When the stud is in the position in the eyelet-hole illustrated in Fig. 4, it is then tipped by the hand to bring the post B into a right angle with the cloth. This movement carries the shoe C and prongs D entirely through the eyelet-hole, whereupon the prongs D spring open again by their resilience to the normal position, shown in Fig. 2, and the stud is securely fastened in place, the prongs serving as barbs to prevent the withdrawal of the stud from the eyelet-hole.

To remove the stud from the shirt-bosom the spring-prongs D are pressed by the thumb and finger into snug contact with the shoe, as in Fig. 3, whereupon the rounded ends *d* of the prongs fitting under the shoulders *a* of the post B allow the prongs and shoe to be readily drawn out through the eyelet-hole, the rounded corner *b* of the post and shoe facilitating such withdrawal.

I claim as a novel and useful invention and desire to secure by Letters Patent—

The improved shirt bosom stud herein described, consisting of the ornamental head, the post centrally fastened thereto, the shoe, extending from the post to one side at a right angle therewith, and spring prongs fastened to the outer end of said shoe and extending therefrom at an acute angle, substantially as specified.

CHARLES H. COOKE.

Witnesses:

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