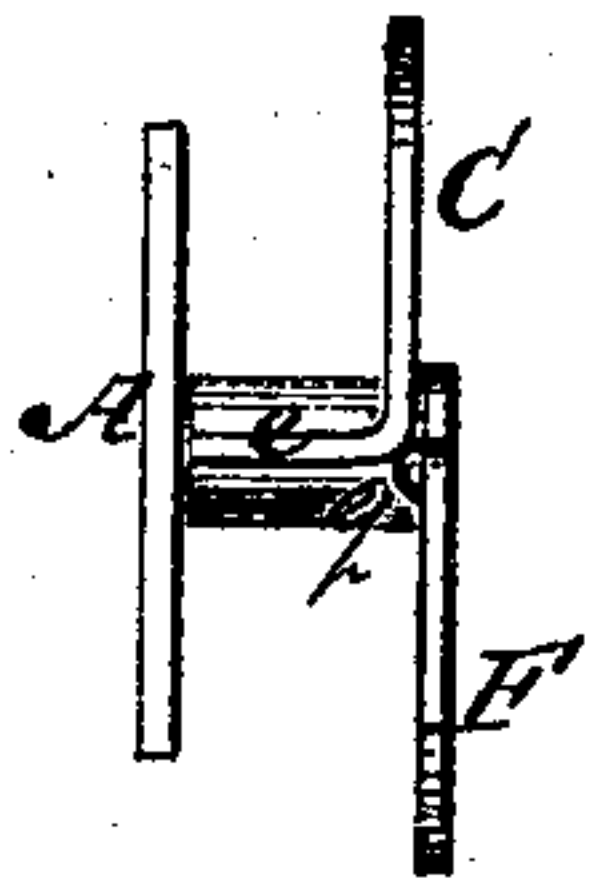


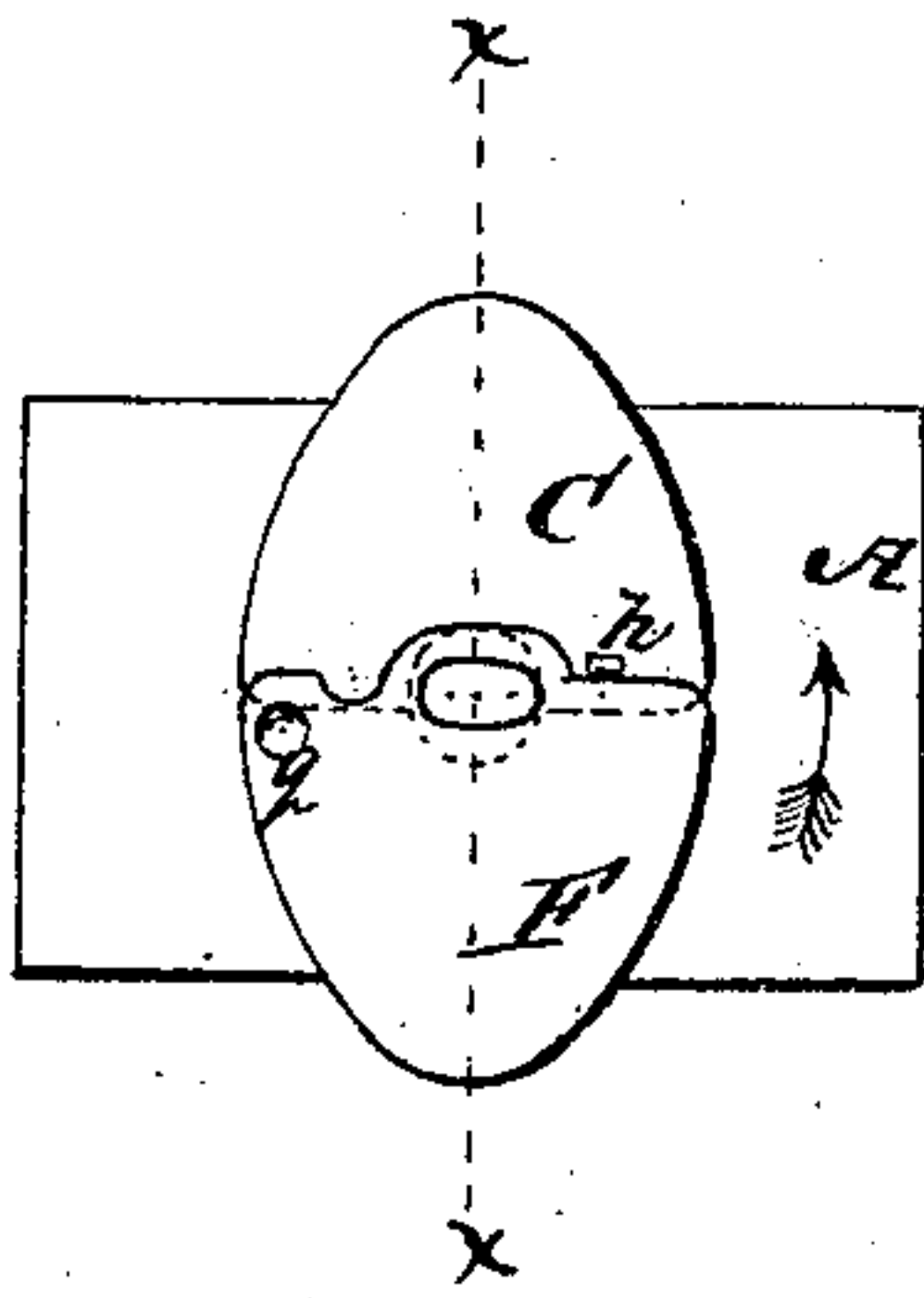
W. R. DUTEMPLE.

Improvement in Studs or Buttons.

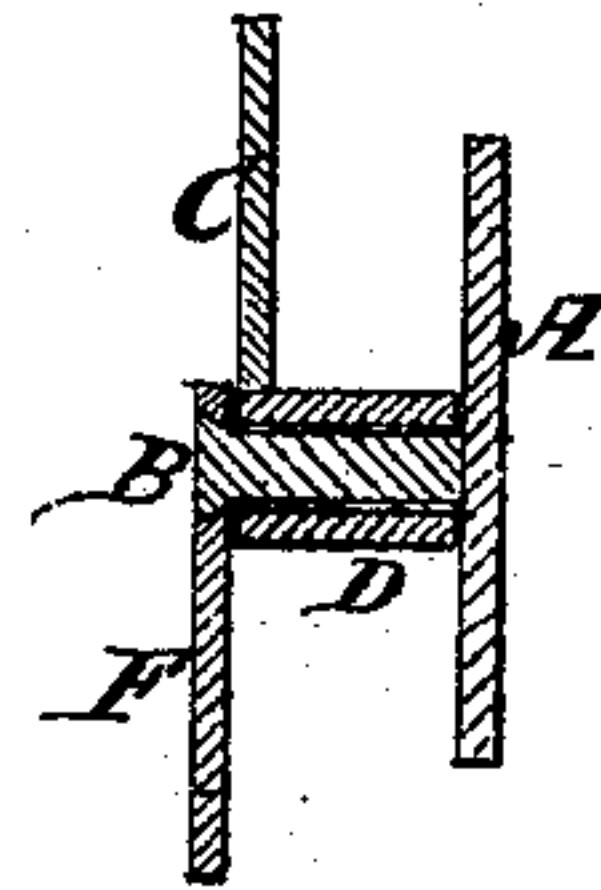
*Fig. 2.*  
No. 119,749.



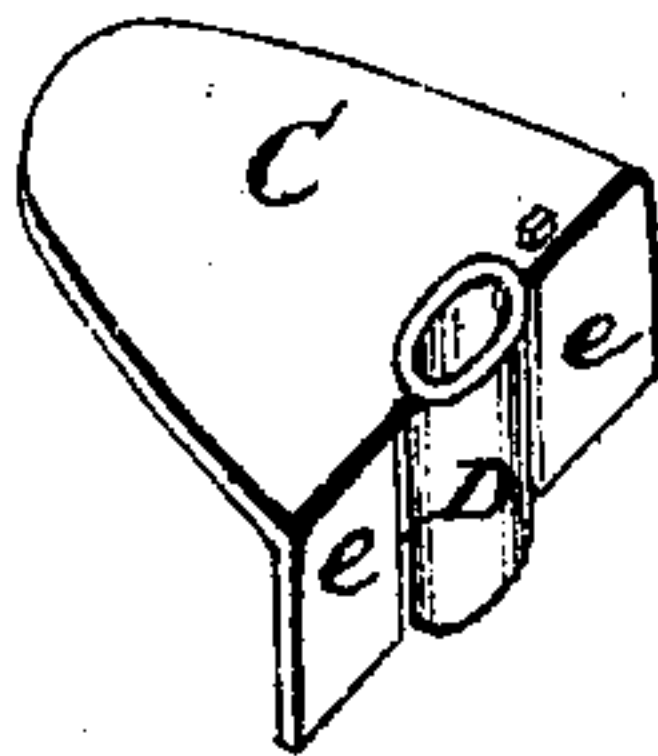
*Fig. 1.*



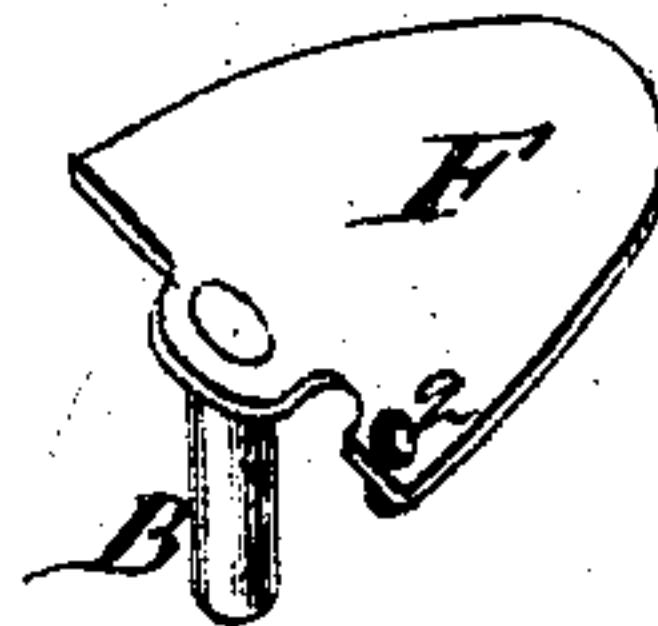
*Fig. 3.*  
Patented Oct. 10, 1871.



*Fig. 4.*



*Fig. 5.*



Witnesses:

E. Wolff  
Francis M. Arde

Inventor:

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PER Munn & Co

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# UNITED STATES PATENT OFFICE.

WILLIAM R. DUTEMPLE, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR TO HIMSELF AND I. M. HOPKINS, OF SAME PLACE.

## IMPROVEMENT IN STUDS OR BUTTONS.

Specification forming part of Letters Patent No. 119,749, dated October 10, 1871.

*To all whom it may concern:*

Be it known that I, WILLIAM R. DUTEMPLE, of Providence, in the county of Providence and State of Rhode Island, have invented a new and useful Improvement in Shirt-Studs; 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 make and use the same, reference being had to the accompanying drawing forming a part of this specification.

My invention consists in the improvement of shirt-studs, as hereinafter fully described and subsequently pointed out in the claim.

In the accompanying drawing, Figure 1 represents a view of the back of a shirt-stud or sleeve-button constructed according to my invention. Fig. 2 is an edge view. Fig. 3 is a cross-section of Fig. 1 on the line *x x*. Fig. 4 is a view of one part of the fastening, showing the tube for the button-post with the wings thereon to prevent it from turning in the button-holes. Fig. 5 is a view of the other part of the fastening, showing that part fastened to the end of the post, and also the rib for holding the parts in place when adjusted in the shirt.

Similar letters of reference indicate corresponding parts.

A is the button or stud. B is the pivot or post. C is a plate of half-oval or other form, which has a tube, D, and wings *e e*, either attached to it by soldering or forming a part thereof by bending, so that the tube and the wings will stand at a right angle or thereabout with the plate C. F is the other fastening-plate of the same or similar form, which is riveted or securely fastened to the end of the post B. *g* is a nib or projection on the surface of F. *h* is a stop on the surface of C.

When the button A is turned in the direction of the arrow the nib *g* will spring the two plates slightly asunder and allow the plate C to pass over it, so that when the button A has been turned half a revolution the position of both fastening-plates will be on one side of the post, which allow the plates to be readily inserted in the button-hole, when, by turning the button or stud a half revolution in the opposite direction, the plates assume the position seen in the drawing, making the fastening complete. In turning the button A the wings *e e* prevent the plate C from turning, and when the plates are placed as seen in Fig. 1 the nib *g*, as well as the stop *h*, hold them in place.

The arrangement as to the direction for turning the button may be reversed, if desired, and instead of having broad plates simple arms connected with the post of the button in the same manner may be used, either with or without the stop *h* and nib *g*; but I prefer the mode shown in the drawing, although by making a broad oval tube to serve in place of the wings *e e* the result would be nearly the same.

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

In combination with a button and post, the plate C having tube D and wings *e e* arranged thereon at right angles, and the stop *d* on its surface, and the plate F having nib *g*, constructed and arranged as and for the purpose specified.

WM. R. DUTEMPLE.

Witnesses:

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WM. B. W. HALLETT.

(151)