

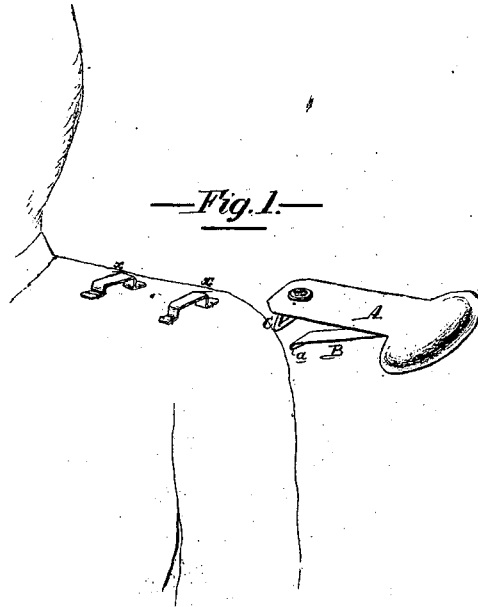
*E. J. Helwig,*

*Button Fastening.*

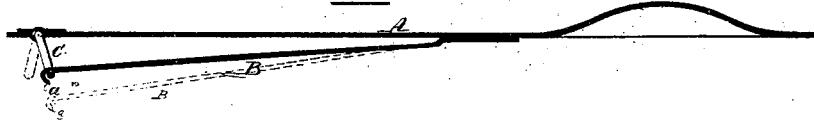
*No. 107,614.*

*Patented Sep. 20. 1870.*

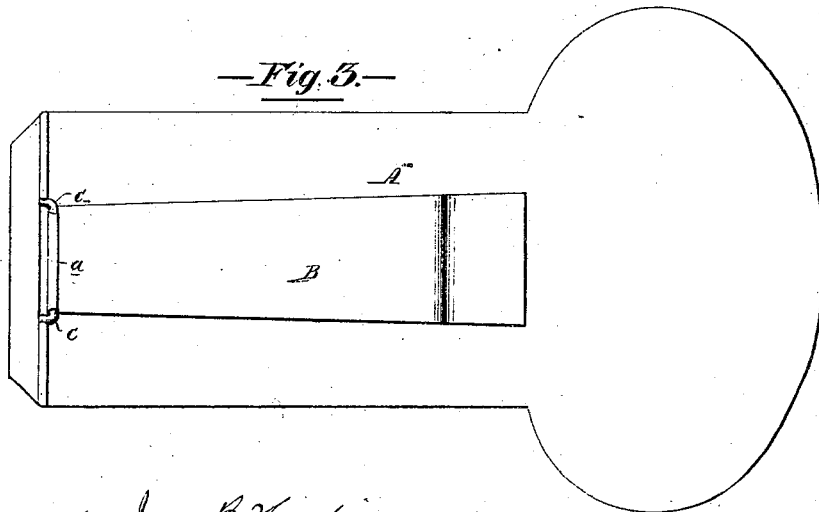
*—Fig. 1.—*



*—Fig. 2.—*



*—Fig. 3.—*



*Witnesses*

*Jno. B. Harding*  
*John Parker*

*Edward J. Helwig*  
*by his atty.*  
*Howard Austin*

# United States Patent Office.

EDWARD JULIUS HELWIG, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR  
TO R. M. ROBINSON & CO., OF SAME PLACE.

*Letters Patent No. 107,614, dated September 20, 1870.*

## IMPROVEMENT IN FASTENINGS FOR EPAULETS.

The Schedule referred to in these Letters Patent and making part of the same.

I, EDWARD JULIUS HELWIG, of Philadelphia, county of Philadelphia, State of Pennsylvania, have invented an Improvement in Fastenings for Epau-lets, of which the following is a specification.

### *Nature and Object of the Invention.*

My invention relates to a fastening for epaulets, consisting of a long metal tongue or spring, secured at one end to the epaulet, adapted to plates upon the wearer's shoulder, and having a hook at its opposite end, arranged to be caught upon a link or staple hinged to the epaulet, all of which will be fully described hereafter.

### *Description of the Accompanying Drawing.*

Figure 1 is a perspective view of an epaulet with my improved fastening, and of the plates for attaching the same to the shoulder of the wearer;

Figure 2, an enlarged sectional view of the epaulet; and

Figure 3, an inverted plan view of the same.

### *General Description.*

The drawing represents my invention as applied to an epaulet, or shoulder-piece, of the kind usually worn by privates, and consisting of a cloth-covered plate, A, of thin steel or other metal, or metal and straw board, enlarged, rounded, and made slightly convex at its outer end, as shown.

To the under side of the plate A is riveted, or otherwise secured, a long tongue, B, of spring steel, hammered brass, or other metal, which, when allowed to spring outward from the plate, will assume about the position indicated by dotted lines in fig. 2. It can, however, be pressed inward against the plate, and is so bent at its outer end as to form a hook, a, which,

when the tongue is thus pressed inward, may be caught upon a link or staple, C, hinged to the epaulet.

The tongue or spring when thus caught upon the link C will be retained in the position shown by full lines in fig. 2; and, in order to release it, it will be only necessary to press upon and disengage the hook a, and to then turn the link to one side, as indicated by dotted lines.

The method of attaching the epaulet to the shoulder of the wearer will be readily understood on referring to fig. 1, where x x represent bent plates sewed to the coat, and beneath which the tongue B is inserted prior to being caught upon the link C.

Among the advantages possessed by my improved fastening may be mentioned its extreme simplicity, and the fact that an epaulet provided with it cannot be disengaged from the shoulder by the musket, an accident which is of frequent occurrence where the ordinary swivel fastening is employed.

My invention, it will be evident, can be applied as readily to officers' epaulets as to those of the kind described.

### *Claim.*

A fastening for epaulets, consisting of a tongue or spring, B, secured at one end to the epaulet, adapted to plates upon the wearer's shoulder, and having a hook, a, at its opposite end, arranged to be caught upon a hinged link or staple, C, of the epaulet, all substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

Witnesses: EDWARD JULIUS HELWIG.  
WM. A. STEEL,  
HARRY SMITH.