(No Model.)

E. J. KRAETZER.

GLOVE FASTENER.

No. 407,295. Patented July 16, 1889.

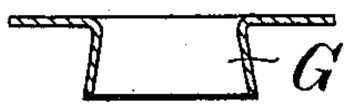

Fig. 7.

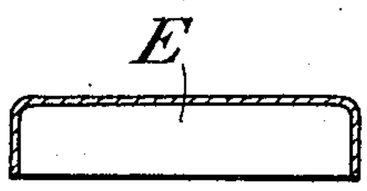

Fig. 1.

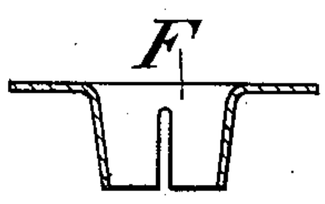

Fig. 2.

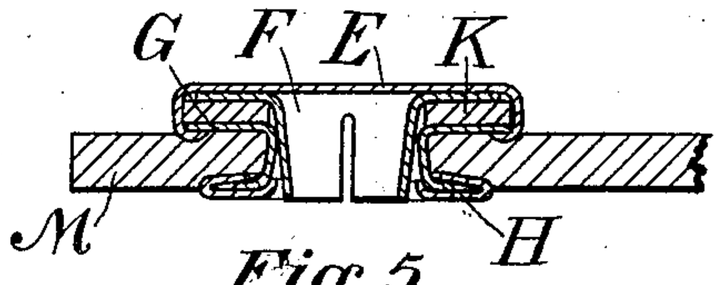

Fig. 5.

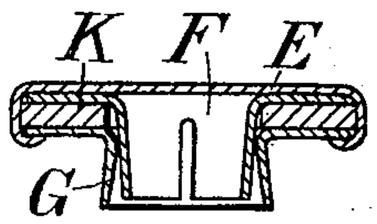

Fig. 3.

Fig. 4.

Fig. 6.

Witnesses
Albert E. Leach -
C. A. Young.

Inventor
Edwin J. Kraetzer
by W. B. H. Dowse
his Atty.

UNITED STATES PATENT OFFICE.

EDWIN J. KRAETZER, OF GLOVERSVILLE, NEW YORK, ASSIGNOR TO THE INTERNATIONAL FASTENING COMPANY, OF PORTLAND, MAINE.

GLOVE-FASTENER.

SPECIFICATION forming part of Letters Patent No. 407,295, dated July 16, 1889.

Application filed March 5, 1889. Serial No. 301,854. (No model.)

To all whom it may concern:

Be it known that I, EDWIN J. KRAETZER, a citizen of the United States, residing at Gloversville, in the county of Fulton and State of New York, have invented certain new and useful Improvements in Fasteners for Gloves and other Articles, of which the following is a full specification.

Of the accompanying drawings, Figure 1 shows the cap of the button-hole member; Fig. 2, the fastener-eyelet which embraces the head of the stud; Fig. 3, the cap, fastening-eyelet, filling, and clinching-eyelet assembled together; Fig. 4, the recessed washer; Fig. 5, the complete button-hole member; Fig. 6, the filling of the button-hole member, and Fig. 7 the clinching-eyelet of the button-hole member.

My invention consists of the improvements in fasteners for gloves, garments, and other articles, as hereinafter fully described.

I preferably employ a resilient or spring button-hole member to engage with a plain inelastic button member.

Referring now to the button-hole member, E is the cap or cover, within which is directly placed the flange of the fastening-eyelet, designed to embrace the neck of the stud, the said eyelet, as herein shown, being slotted to render it resilient. K is a washer, made of leather board or any suitable material to act as a filling, being introduced into the cap under the flange of the fastening-eyelet F, while under the filling is placed in turn the flange of the clinching-eyelet G, the downwardly-projecting shank of which surrounds the shank of the said fastening-eyelet. The under edges of the cap E are clinched under and around the flange of the clinching-eyelet G, thus retaining the pieces in place.

The button-hole member is sent to the trade in two parts, one of which (shown in Fig. 3) consists of the cap, fastening-eyelet, filling, and clinching-eyelet, held together as described, and the other part consisting of the recessed washer H, as shown in Fig. 4. This washer, shaped as shown in Fig. 4, is rolled up to form around the same the annular recess *h*, of such a shape as to receive the shank of the downwardly-projecting clinching-eyelet G and round it out therein when pressed up against it. When it is to be fastened to the leather or fabric, a hole is made therein of sufficient size to contain the clinching-eyelet G, and the cap containing all the parts of the button-hole member, as shown in Fig. 3, except the washer H, is placed on the upper surface of the leather with the shank of the fastening-eyelet projecting downward through the hole. Then by suitable pressure the said shank is rounded out within the recess of the washer H on the under side of the fabric. In this manner the parts are very simply and easily clinched together. The parts of the two members are so formed that when fastened together the shank of the fastening-eyelet embraces the neck of the stud. If the stud is made stiff and inelastic, the fastening-eyelet must be made resilient in any way. As herein shown, the fastening-eyelet is slit to give it the necessary resiliency. If desired, however, a resilient stud may be employed, in which case the fastening-eyelet would be made inelastic.

It will be noticed that the button-hole member is so made that the clinching-eyelet is turned outward against an anvil-shaped or clinching surface in the member itself, so that simple pressure serves to fasten the parts to the leather or fabric, instead of making it necsary to depend on carefully-shaped dies. Furthermore, it is of great advantage in the button-hole member to have the clinching done on the under side of the fabric, instead of above the fabric within the cap, as commonly. In my improved fastener the flange of the clinching-eyelet is retained in the cap of the button-hole member, while the clinching, though accomplished under the fabric, is out of sight by reason of the peculiarly-shaped recessed washer.

I claim—

1. A member of a fastener, consisting of a cap, a stud-embracing fastening-eyelet, a suitable filling, and a downwardly-projecting clinching-eyelet held by its flange within said cap, in combination with a recessed anvil-plate, substantially as described.

2. The button-hole member of a fastener, consisting of a cap E, a stud-embracing fast-

ening-eyelet F, and a downwardly-projecting clinching-eyelet G, held by its flange within the said cap, in combination with a recessed anvil-plate washer H, whereby the final clinching of the parts to the leather or fabric is invisibly accomplished beneath the said leather or fabric, substantially as described.

In witness whereof I have hereunto set my hand.

EDWIN J. KRAETZER.

Witnesses:
CHAS. N. HARRIS,
WM. B. H. DOWSE.