

(No Model.)

J. R. SMITH.
GLOVE FASTENING.

No. 504,309.

Patented Aug. 29, 1893.

Fig. I.

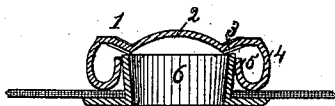


Fig. II.

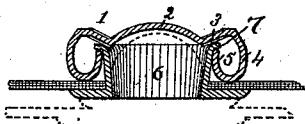
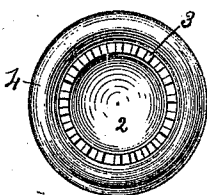


Fig. III.



Witnesses

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UNITED STATES PATENT OFFICE.

JOSEPH RICHARD SMITH, OF WATERBURY, CONNECTICUT, ASSIGNOR, BY
MESNE ASSIGNMENTS, TO THE CONSOLIDATED FASTENER COMPANY,
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GLOVE-FASTENING.

SPECIFICATION forming part of Letters Patent No. 504,309, dated August 29, 1893.

Application filed September 27, 1889. Serial No. 325,269. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH RICHARD SMITH, a citizen of the United States, residing at Waterbury, county of New Haven, State of Connecticut, have invented certain new and useful Improvements in Fasteners for Gloves and other Articles, of which the following is a specification.

My invention relates to a fastener for gloves and other articles made of the fewest possible number of parts and capable of ready and rigid attachment to the flap of the glove or other article.

I will first describe the invention with reference to the accompanying drawings and will then point out in the claim the novel features.

In said drawings: Figure I is a sectional view of the improved fastener the parts being shown in position for application to the flap of the glove or other article. Fig. II is a similar view showing the parts pressed into their permanent position. Fig. III is an under side view of the cap.

The invention relates to those glove fasteners which comprise a button-hole member or metallic eye fixed to one flap or part of the glove or other article and a button or spring stud fixed to the other flap and engaging with said button-hole or eye.

My invention does not particularly concern the spring stud part of the fastening which may be of any desired form and is only indicated in the drawings by dotted lines.

The button-hole portion is made of two parts, a cap and an eyelet. The cap 1 is imperforate and has a bulge at 2 to permit the spring stud to enter the button-hole member fully, an inclined portion 3 which receives and swages outward the edge of the eyelet, a flange 4 and an upturned lip 5 which receives the upset portion of the eyelet when it is turned over by the incline 3. The eyelet 6 is flared as shown both to render more ready the upsetting of its edge by the incline 3 and to provide a chamber for the spring stud which is expanded inward from the very edge so that as soon as the spring stud enters the eyelet it will expand and be held in place. As shown in Fig. III, the incline 3 is corrugated or radially toothed so as to provide a series of ridges or cutting edges against which

the edge of the eyelet is pressed. By this means the said edge is split and yields more readily to form the out-turned lip 7 when the parts are pressed together.

In applying the improved button-hole member the eyelet is, as shown, passed through the hole made in the flap of the glove or other article and the cap being placed over it as shown in Fig. I the parts are pressed together until the out-turned lip 7 of the eyelet passes over the lip 5 of the cap so holding the parts together, attaching them to the article and providing an inwardly flaring chamber for the reception of the spring stud on the other flap of the article. It will be seen that the inwardly and downwardly tapering incline 3, forms an anvil surface, which dispenses with the anvil-plate used in some buttons for spreading the eyelet.

I do not claim to have been the first inventor of the combination of an anvil plate having teeth on it with an eyelet whose edge is split by said teeth.

My claim herein is limited so far as this part of the invention is concerned to the specific invention of the cap plate having formed on it and integrally with it teeth for breaking the upper edge of a flaring eyelet.

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

In a fastening for gloves and other articles, the socket member consisting of two elements an eyelet and a cap; said eyelet having an outturned flange at one end and a body flared from the flange toward the other end, adapted to receive and retain a spring stud, and said cap having on its inner surface an inclined annular ridge adapted to turn over or upset the upper end or edge of the flaring eyelet, and an integral flange or lip around its margin, turned inward and upward in scroll form, resting upon the fabric and by its free inner edge engaging the upset extremity of the eyelet in close contact with the inclined annular ridge of the cap, as herein shown and described.

JOSEPH RICHARD SMITH.

Witnesses:

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