

No. 672,496.

Patented Apr. 23, 1901.

J. R. SMITH.

SOCKET MEMBER FOR GLOVE FASTENERS.

(Application filed Nov. 6, 1900.)

(No Model.)

Fig. 1.

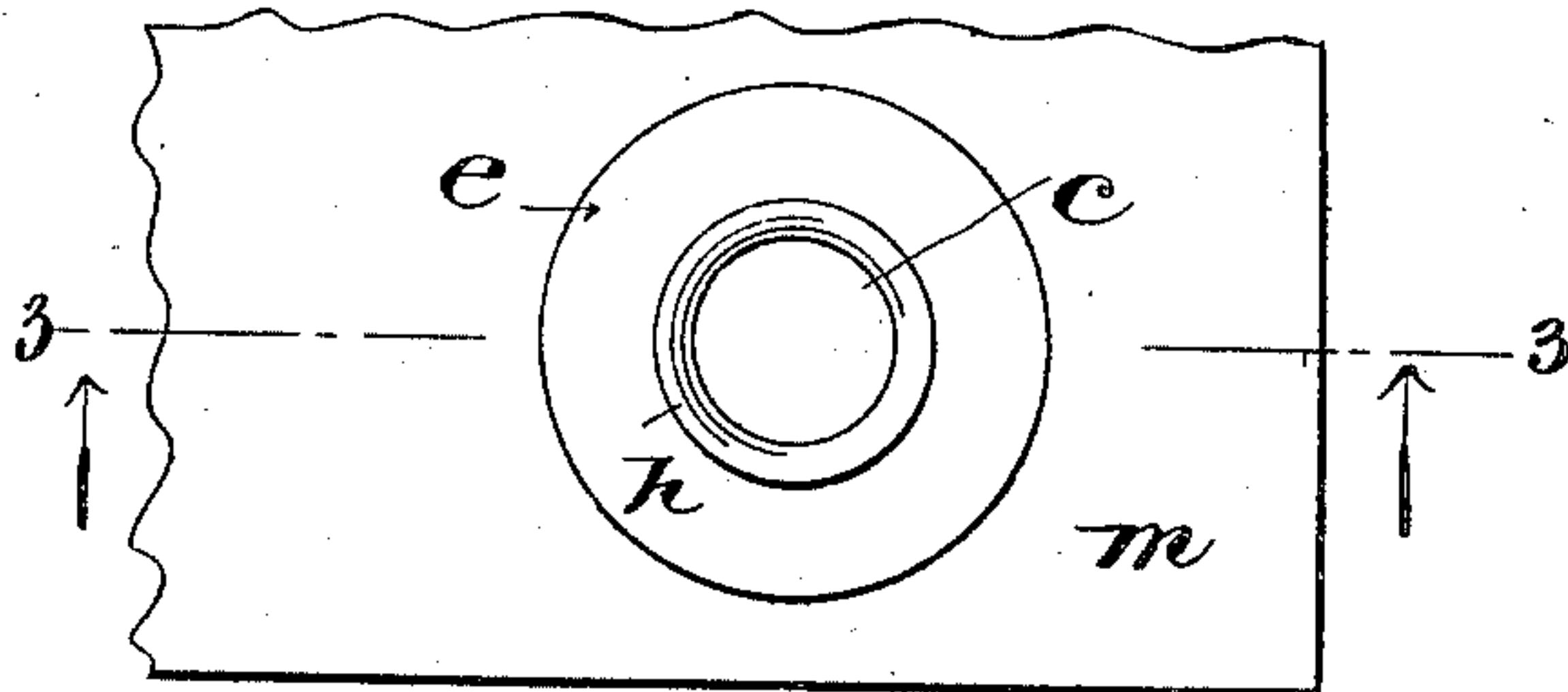


Fig. 2.



Fig. 7.

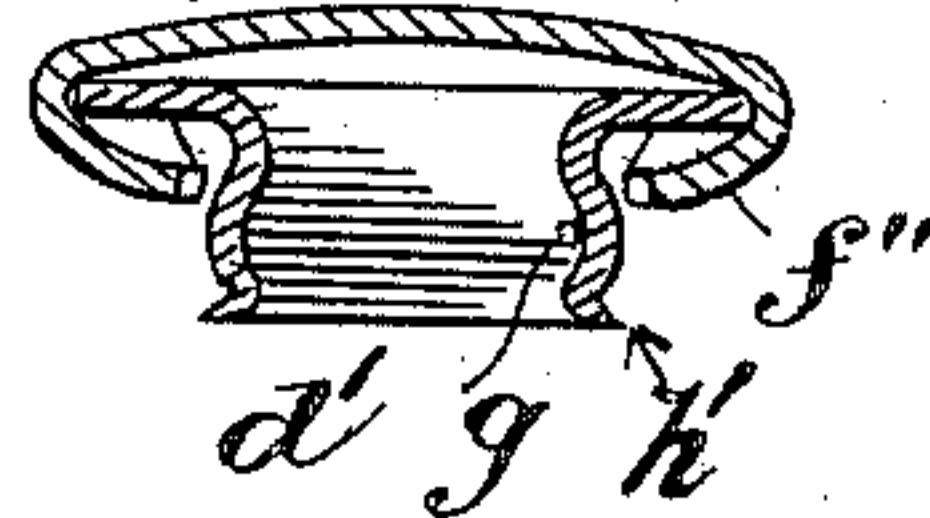


Fig. 3.

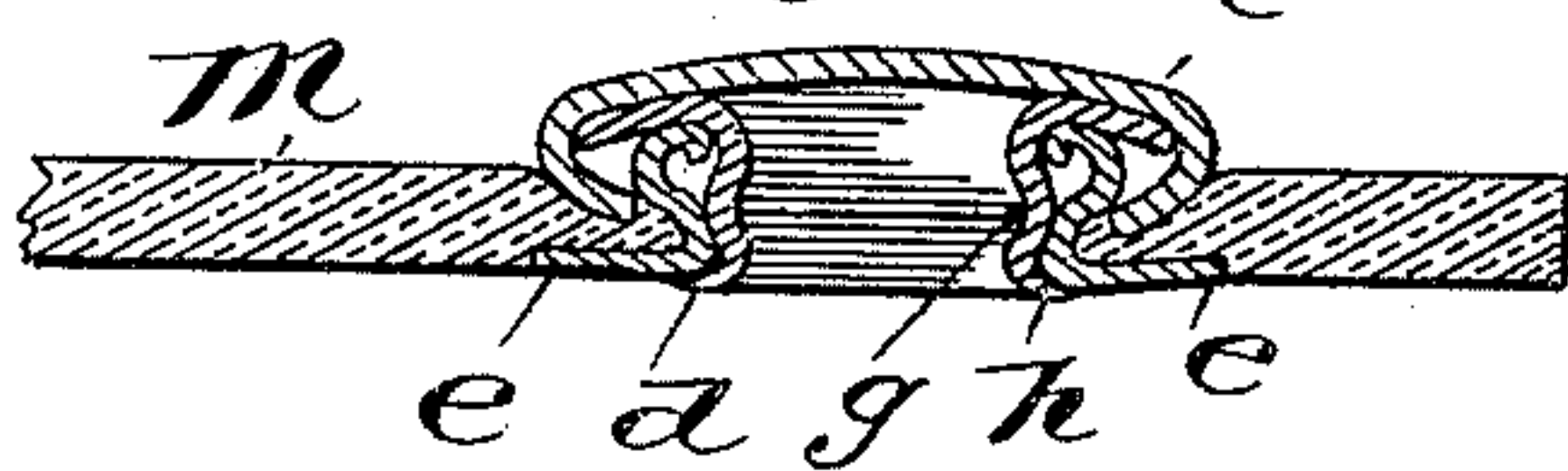


Fig. 8.

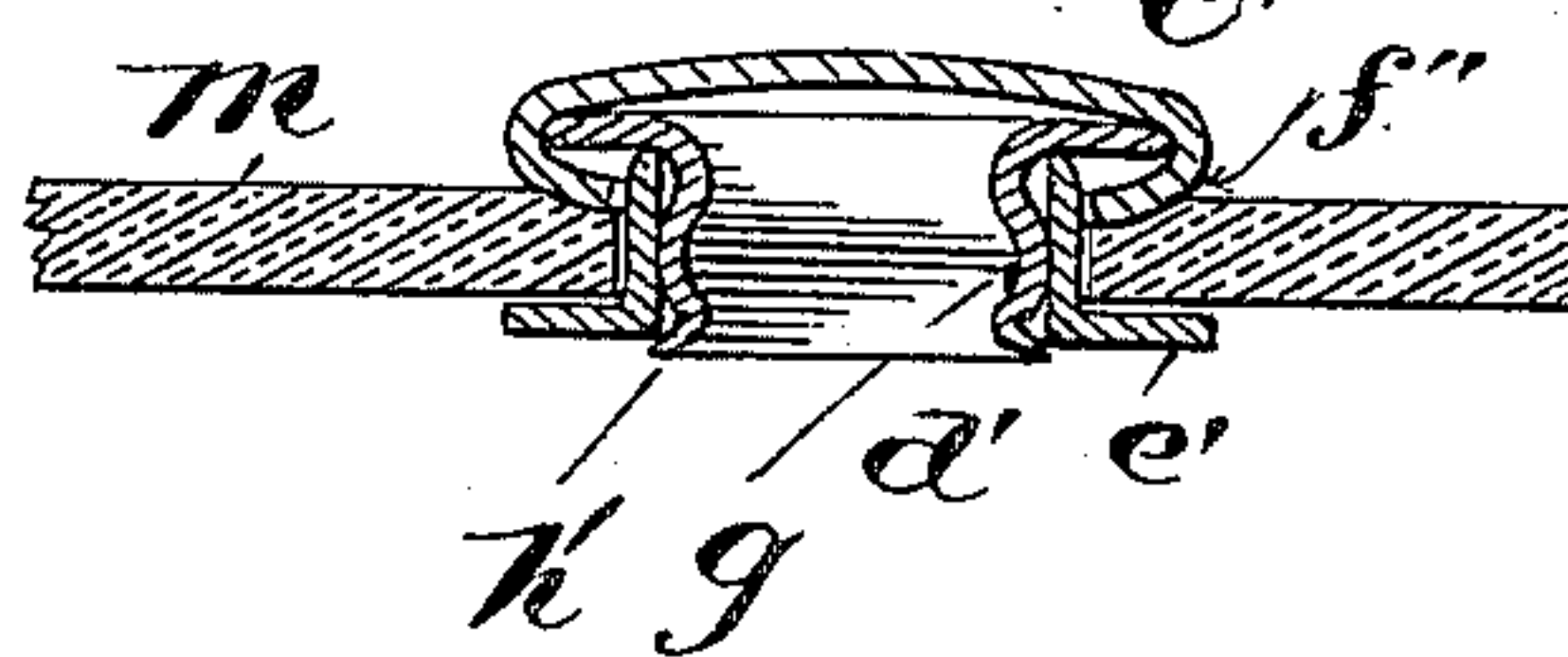


Fig. 4.

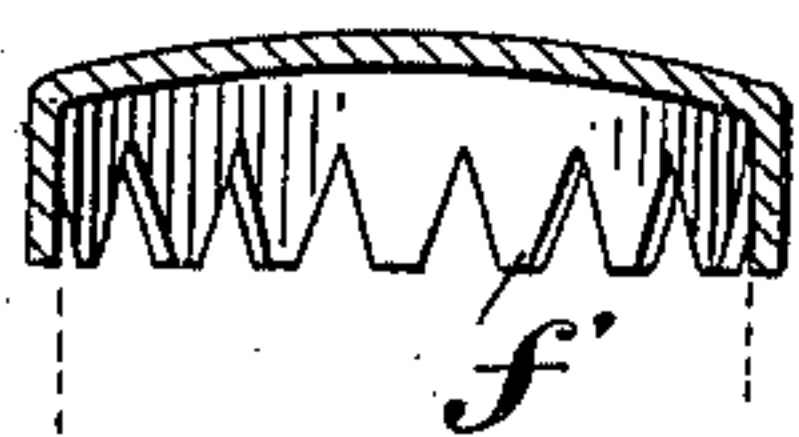


Fig. 5.

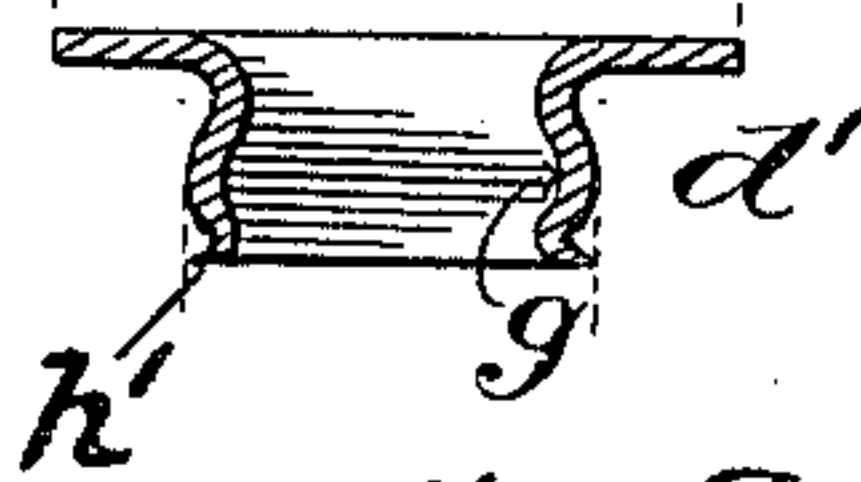


Fig. 6.



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UNITED STATES PATENT OFFICE.

JOSEPH R. SMITH, OF WATERBURY, CONNECTICUT, ASSIGNOR TO THE
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SOCKET MEMBER FOR GLOVE-FASTENERS.

SPECIFICATION forming part of Letters Patent No. 672,496, dated April 23, 1901.

Application filed November 6, 1900. Serial No. 35,620. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH R. SMITH, treasurer of the Waterbury Button Company, manufacturers, a corporation of the State of Connecticut, residing at Waterbury, in the State of Connecticut, have invented certain new and useful Improvements in Socket Members for Glove-Fasteners and Similar Uses, of which the following is a specification, illustrated by the accompanying drawings.

The invention relates particularly to that class of garment-fasteners in which one part of the garment is provided with a spring-stud and the other is provided with a socket member or eyelet which is adapted to receive and retain the spring-stud. The present improvement relates to such an eyelet or socket member; and its object is to simplify the construction of such a socket member while preserving all the advantages of the most approved form.

The improved socket member is cheap to make and simple in operation and is easily applied and secured to the fabric of the glove or other garment for which it is intended.

The invention will be best understood by an immediate description of the accompanying drawings, which show the best form of invention now known to me.

In the drawings, Figure 1 is a bottom view or view looking into the mouth of the socket member as applied to a piece of fabric. Fig. 2 is a side elevation, and Fig. 3 is a central vertical section, of the same. Fig. 4 shows a cap-piece in section ready to be secured to the socket-piece. Fig. 5 shows a socket and riveting piece in section. Fig. 6 shows the flange member or flange-piece in section. Fig. 7 is a central sectional view of the cap and the socket after they have been secured together. Fig. 8 is a sectional view of all the parts when in position ready to be secured to the fabric.

Like letters of reference indicate like parts in the several views, and one or more apostrophes are added to distinguish the different positions of the same parts in the several views.

Preferably only three elements or parts are

used, because no anvil-plate or similar device is employed.

The cap-piece *c* has a downturned serrated or toothed edge which is best seen at *f'* in Fig. 4. The socket which receives and retains the spring-stud is formed in one piece with and constitutes the tubular rivet by which the three parts of the socket member are held together. This is lettered *d* in the figures. It has an interior bulge, as at *g*, adapted to fit the cooperating spring-stud, and a strictly constricted open mouth beneath such bulge portion for adapting it to retain the spring-stud, as will be well understood by those skilled in the art. In addition to this it is provided with a relatively large annular flange by which it is secured to the cap *c*, as shown, and which I will call its "major flange," and a relatively smaller riveting-flange *h*, which is upset and riveted upon the lower face of the flange-piece *e* when the structure is secured to the fabric *m*. This flange has the form shown at *e'* in Fig. 6 before it is put in use. It is not essential that it should have the flange *j*; but for convenience in handling and using this is preferable.

In assembling the parts together the socket and rivet member *d'*, Fig. 5, first receives the cap *c'*, Fig. 4, and the serrated edge of the cap is then turned over the major flange of the socket and rivet piece *d'*, as shown in Fig. 7. This then forms the complete article of manufacture ready for use and sale, in conjunction with the flange-piece *e'*, Fig. 6, by the manufacturers of gloves and other garments to which it is desired to apply the socket member. It is applied to the fabric *m* of the garment by fitting the flange-piece *e'* around the lower or minor flange *h'* of the socket and rivet piece *d'*, and then the flange *h'* is riveted over onto the flange-piece *e'* until under the pressure of the riveting operation the fabric is compressed between the teeth of the serrated edge of the cap *c* and the flange-piece *e* and firmly held by the upset flange *h* of the socket and rivet piece *d* engaging and holding the flange-piece *e*.

By the term "fabric" I of course mean to include leather and other materials.

The improved fastener is readily attached to the fabric in the manner described, because all that is necessary is to make the perforation in the fabric, insert the parts, and
5 upset or rivet the flange *h*. When secured to the fabric, the serrated edge or tooth of the cap *c* presses against the fabric and prevents rotary movement of the cap.

The whole construction is exceedingly simple, economical, and satisfactory.
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Having now fully described my invention in its preferred form, what I claim, and desire to secure by Letters Patent, are the novel and characteristic features combined and enu-
15 merated as below:

A socket member for a glove-fastener comprising a combined socket and rivet element which has a major and a minor flange for securing it and has a restricted mouth for en-
20 gaging the cooperating stud member; a cap

which has serrated edges that turn inward to embrace one flange of the said socket and rivet and are in position to be forced against or into the fabric, thereby preventing rotary movement of the cap; and a flange element 25 through which the said socket and rivet protrude and over which the said minor flange is riveted when the parts are secured to the fabric; whereby the fabric may be compressed and held between the said flange member and 30 the serrated edge of the cap member by means of the said socket and rivet element, substantially as set forth.

Signed this 2d day of November, 1900, at Waterbury, Connecticut.

JOSEPH R. SMITH.

Witnesses:

A. MINTIE,
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