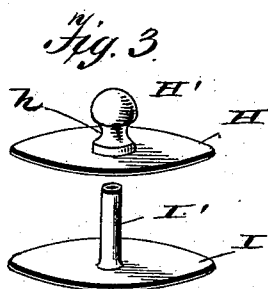
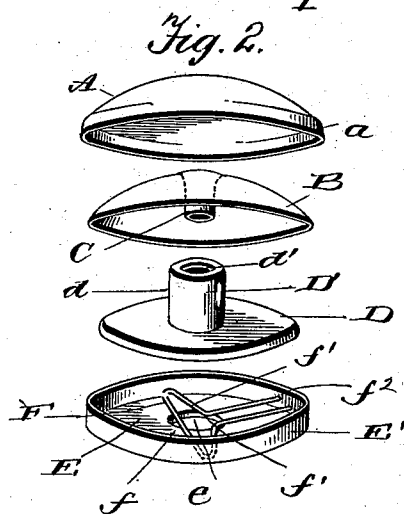
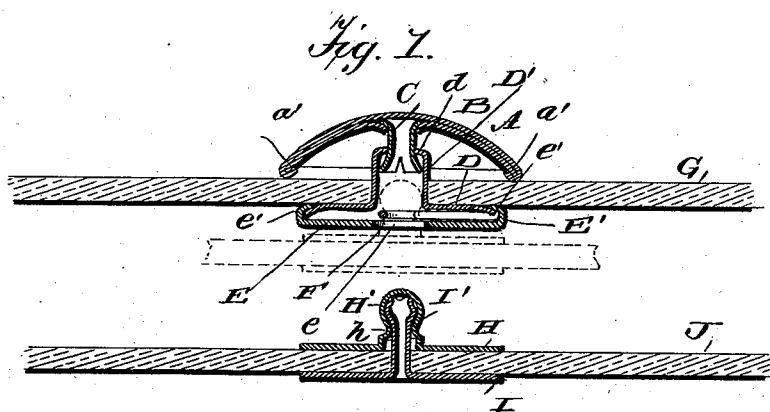


(No Model.)

A. T. HALLOCK.
GLOVE FASTENING.

No. 548,871.

Patented Oct. 29, 1895.



Witnesses:
L. C. Hills
C. A. Bond

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UNITED STATES PATENT OFFICE.

ARTHUR T. HALLOCK, OF JOHNSTOWN, NEW YORK.

GLOVE-FASTENING.

SPECIFICATION forming part of Letters Patent No. 548,871, dated October 29, 1895.

Application filed July 15, 1895. Serial No. 556,074. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR T. HALLOCK, a citizen of the United States, residing at Johnstown, in the county of Fulton, State of New York, have invented certain new and useful Improvements in Glove-Fastenings, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to glove-fasteners of that class in which the one part is affixed to one piece of the glove or other material and the other to the other part, and the two designed to be detachably united and yet held with sufficient firmness or rigidity to prevent accidental separation, and while herein described as designed for a glove-fastener it will be readily understood that the invention is applicable to other uses—such, for instance, as shoes and the like.

The invention has for its object, among others, to provide a simple and cheap fastening capable of manufacture at small cost. The parts are readily assembled and are yet strong and efficient in use. The male portion is formed of a blank with a hollow head and a stud carried by a plate and adapted to be inserted through the material and into the hollow head and permanently engaged therewith by pressure in the direction of the length of the stud, which expands it or heads it within the tubular portion of the other part of the male portion of the device. The female portion consists of a head with depending nipple and a part adapted to be inserted through the goods and to be connected with said nipple and having a chamber with an opening and a spring to engage the groove of the neck of the male portion. The parts may be assembled by unskilled labor. The fastening may be as ornamental or fanciful in design as may be desired.

Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be particularly pointed out in the appended claims.

The invention in this instance resides in the peculiar combination, construction, arrangement, and adaptation of parts, all as herein more fully described, shown in the drawings, and particularly pointed out in the claims.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a central section through my improved fastening affixed to the material and shown in full lines as separated and by dotted lines as engaged. Fig. 2 shows in perspective the parts constituting the female portion of the fastening separated but in their relative position. Fig. 3 is a similar view of the male portion of the fastening.

Like letters of reference indicate like parts throughout the several views.

Referring now to the details of the drawings by letter, A designates the cap portion, of inverted-dish shape, having the annular flange *a*, while B is a substantially-similar dish-shaped portion without said flange and of a size adapted to nest or fit within the part A.

C is a nipple or eyelet, which is passed centrally through an opening in the part B and its head expanded and held between the parts A and B at this point, as seen more clearly in Fig. 1.

D is a disk having extending therefrom centrally the tubular stud D', the upper end of which is turned inward, as shown at *d* in Figs. 1 and 2, and through the central opening *d'* thus provided the nipple C is adapted to be passed and its inserted end afterward extended or expanded, as seen clearly in Fig. 1.

E is the remaining part of the female portion. It is substantially a disk with an upwardly-extending annular flange E' at its outer edge, as seen best in Fig. 2, and with a central opening *e*.

F is a spring the cross portion *f* of which lies across one edge of the opening *e* in the disk E, and from said cross portion the wire is bent angularly, as shown at *f'*, toward each other, and the bends *f''* thereof also extend slightly over or within the edges of the opening *e*, the parallel arms *f'''* of said spring extending nearly to the flange E', where they may be soldered or otherwise secured; or the spring may be left unattached, being retained in position when the parts are assembled, as shown in Fig. 1. These parts are shown in Fig. 2 in the form which they assume before

being assembled. In Fig. 1 they are shown as assembled, the stud D' having been forced through the material G and the parts A, B, and C united thereto. The edges of the disk D are retained by the bent-over edge *e'* of the flange E' on the disk E, and the arms *f*³ of the spring are held against movement by the engagement of the edge of the disk D, which is turned downward, as seen in Fig. 1.

1. After these parts are united and the stud D' is forced through the material G the nipple C is inserted in the opening *d'* of the said stud, and the turned-over edge *a'* of the flange *a* of the cap A, which embraces the edge of the part B, is forced against the material G, and then the end of the nipple C within the stud D' is expanded in any suitable manner, as seen in Fig. 1, so as to retain the parts in this position against separation.

The male portion of the fastener consists of the disk H, with a hollow stud H' terminating in a spherical head and with an annular groove or depression *h* between said head and the junction of the stud with the disk, and the disk I, having a hollow stud I'. The stud I' is forced through the material J and into the hollow head of the stud of the disk H, which is placed upon the opposite side of the material, as seen in Fig. 1, when by any suitable means the inner end of the stud I' is expanded, as seen in Fig. 1, and the parts are thus firmly held together.

As the head I' is inserted into the hole *e* of the female portion, the same engages the cross portion *f* and the bend *f'* of the spring, which yield to allow of the passage of the head and immediately spring back into their normal position, entering the groove or depression *h* of the head and binding the same at the bends of the spring as well as at the cross-bar, forming a rigid hold which will prevent accidental separation of the fastening. The same may be disengaged by a sudden pull upon either part away from the other.

The construction is simple, cheap of manufacture, and the parts thereof readily assembled.

Modifications in detail may be resorted to without departing from the spirit of the invention or sacrificing any of its advantages.

What I claim as new is—

1. The combination with the male portion of a glove fastening, of a female portion having

an opening to receive the head of the male portion, and a spring having a cross portion traversing said opening and inclined arms the bends of which also traverse said opening, substantially as specified.

2. The combination with the disk having a stud with a head and annular groove and the disk having a hollow stud adapted to be inserted into and expanded within said head, of a female portion comprising a disk with an opening, an oppositely disposed disk with hollow stud and spring confined between said disks and having a cross portion traversing said opening and inclined arms extending from said cross portion the bends of which also traverse said opening, and a cap having a depending portion inserted and expanded within said hollow stud, substantially as specified.

3. The combination with the cap and the dish shaped plate within the same having a depending hollow eyelet and held to the cap by the inturned edges of the flange thereof, of a disk with opening and upwardly extending flange and a second disk held by the over-turned edges of said flange and having a hollow stud with an opening and flange within which said depending portion is received and retained, and a spring having a cross portion traversing said opening and with parallel arms and inclined arms connecting the parallel arms with the cross portion and the bends at the junction of said arms also traversing said opening, substantially as specified.

4. The combination with the cap and the dish shaped plate within the same having a depending hollow eyelet and held to the cap by the inturned edges of the flange thereof, of a disk with opening and upwardly extending flange and a second disk held by the over-turned edges of said flange and having a hollow stud with an opening and flange within which said depending portion is received and retained, and a spring held between said disks with a cross and angular portions traversing the opening in the outer disk, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

ARTHUR T. HALLOCK.

Witnesses:

BORDEN D. SMITH,
A. M. YOUNG.