

957,651.

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Fig. 3.

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FASTENER FOR GLOVES AND OTHER ARTICLES.

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To all whom it may concern:

Be it known that I, LEWIS W. BROWN, a citizen of the United States, and a resident of St. Louis, in the State of Missouri, have invented a new and Improved Fastener for Gloves and other Articles, of which the following is a full, clear, and exact description.

It is well known that if a glove fits 10 closely it is very difficult to effect a closure of the ordinary spring button clasp, the half sections of which are respectively secured on the vent flaps of the glove.

To enable the easy, quick and reliable clo-15 sure of the two parts of a spring button clasp, a novel attachment has been provided

that constitutes the feature of improvement. The invention consists in the novel con-

struction and combination of parts, as is 20 hereinafter described and defined in the appended claim.

While the improvement may be advantageously employed for aiding the closure of a skirt placket or securing together of 25 lapped edges on a dress body, and for other analogous purposes, it is here shown as applied for coöperation with the half sections of a button clasp mounted upon flaps of the vent for a glove.

Reference is to be had to the accompany-30 ing drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is an enlarged side view of the 35 flap portions of the vent for a glove, and a like view of the improvement together with a clasp mounted upon the flaps and in un-clasped adjustment; Fig. 2 is a transverse

- 40 sectional view of a glove at its vent, and a longitudinal sectional view of the improvement as applied for coöperation with a clasp, the section being substantially on the line 2—2 in Fig. 1, and Fig. 3 is a trans-45 verse sectional view of details, substantially
- on the line 3—3 in Fig. 1. Upon the flaps 5, 5^a, of a glove at a suit-

able distance from the edges a, b, thereof, the male and female members of a spring

50 clasp are mounted and secured by the fol-lowing described means. The male member is formed of sheet metal, cut and pressed into a shell c having a bulbous form, flattened somewhat on the upper side and hav-55 ing a contracted neck $\bar{c'}$ from which ra-

dially projects a flat flange c^2 . Within the shell c, a similar but smaller shell d is inserted, having a neck d' and a radial flange d^2 . The flap 5 of the glove is perforated for the insertion of the bulbous shell 60 d, which is then passed through an opening in the adjacent end portion of a thin, flat link plate 6, which is clamped upon the outer surface of the flap 5 by expansion of the inner bulb shell d within the outer bulb 65 shell c. The relative position of the male member of the clasp on the flap 5 is such, that the other end portion of the link plate 6 will be disposed adjacent to the edge a of this vent flap. As shown, the end of the 70 link plate 6, that is extended toward the edge a of the vent flap 5, is secured thereto by short clips g formed on side edges of said link plate near the outer extremity thereof, these clips being V-shaped and bent so that 75 they may be inserted through small slits in the flap, whereon they are folded and com-pressed, thus securely fastening the link plate on the glove flap.

The female member h of the clasp is es- 80 sentially bulbous in shape, and is cut and stamped into form from sheet metal that is resilient, said shell having a contracted neck h' and a radial flange h^2 projected from said neck. The interior diameter of the hollow 85 neck h' is so proportioned, that it is slightly less than the exterior diameter of the bulb shell c, and to adapt the neck h' for receiv-ing said bulb shell, a plurality of slits *i* are formed at intervals therein, which also ex- 90 tend through the radial flange h^2 , and the latter may be notched as at i' to adapt it for folding. Upon the neck h', before the notched flange h^2 is formed thereon, a perforated hinge plate m is mounted, this engage- 95 ment being effected after the neck has been passed through an opening in the flap 5ª of the glove. The female bulb shell h and hinge plate m are clamped upon the outer and inner surfaces respectively of the flap 100 5^{a} , by bending the notched flange h^{2} so as to compress it forcibly upon the hinge plate m.

A tubulation n is formed on the transverse edge of the hinge plate m, and in said tubulation a corresponding pintle rod o on 105 a toggle lever 7 is loosely secured. The toggle lever 7 is preferably formed of a wire rod, bent into nearly rectangular shape, hav-ing two side members o' extending at one end of each from the ends of the pintle rod 110

o, and a cross bar o^2 at the remaining ends of the side members, having a toe o^3 formed thereon near its center, said toe projecting outward as shown in Figs. 1 and 2.

In the link plate 6, at its transverse center and near the end thereof which is adjacent to the clips g, an opening p is formed, having a defining contour that adapts it to receive the toe o^3 which, by reason of its short

10 length, can only pass a slight distance through said perforation until the cross bar o^2 impinges upon the end wall of the opening p.

In service, the wearer of the glove having 15 the improvement, after having donned it, first draws the flaps 5, 5^a level, then inserts the toe o^a of the toggle lever 7 into the opening p, which affords a fulcrum for said lever. The flap 5^a and bulb shell h thereon

- 20 are together pressed toward the male bulb shell c, which will stretch the flap 5^a and direct the female bulb shell directly over the bulb shell c for engagement therewith.
- It will be seen that the operation of clasping the flaps 5, 5^{a} , together by means of the improvement is positive, and may be effected at any time easily and quickly, as no pulling exertion is required to dispose the bulb shell h over the shell c for interlocking

engagement therewith, the rocking move- 30 ment of the lever 7 effecting such a result.

The provision of the hinged joint n between the plate m and the transverse member o of the toggle lever, as hereinbefore specified, is essential, as it confers flexibility 35 to the engaged parts and adapts them for conforming to the convexity of the wrist, thus rendering the closing device for the glove both effective and comfortable.

Having thus described my invention, I 40 claim as new and desire to secure by Letters Patent:

A fastening device for gloves and other articles, comprising a male bulb section, a link-plate having an opening near one end 45 and securable near its opposite end on the male bulb section, a female bulb section, and a toggle lever, rockably connected at one transverse edge on said female bulb section, said toggle lever having a toe that may enter 50 the opening in the link-plate. In testimony whereof I have signed my

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

LEWIS W. BROWN.

Witnesses:

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