

(No Model.)

W. M. WILLIAMS.

GLOVE FASTENER.

No. 331,266.

Patented Nov. 24, 1885.

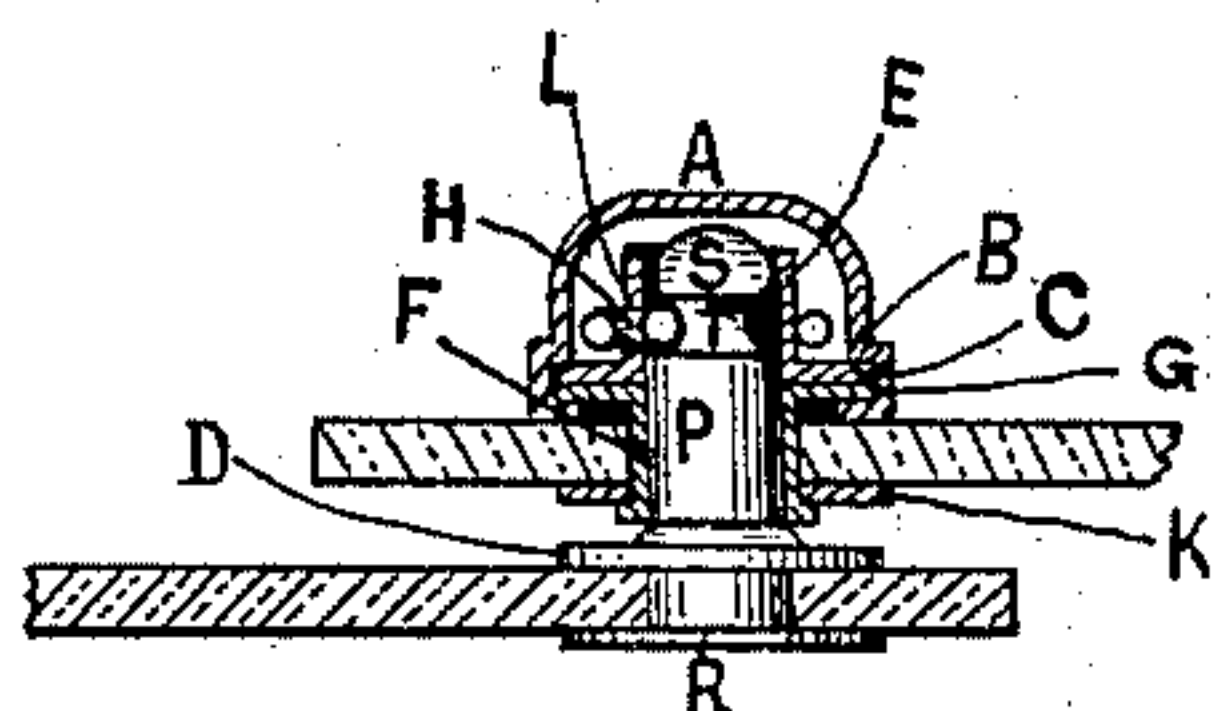


Fig. 1.

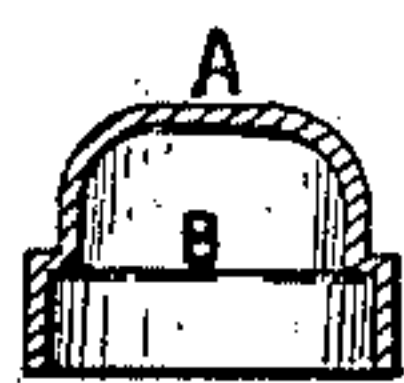


Fig. 2.

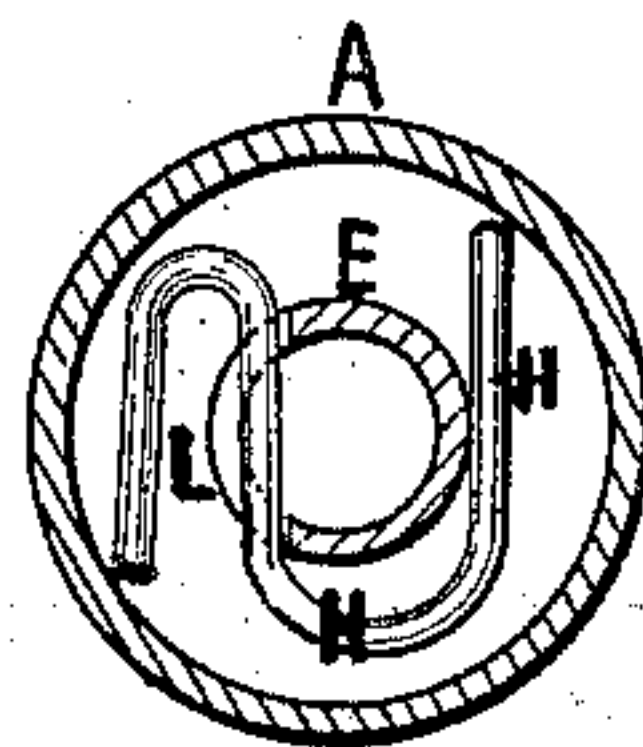


Fig. 3.

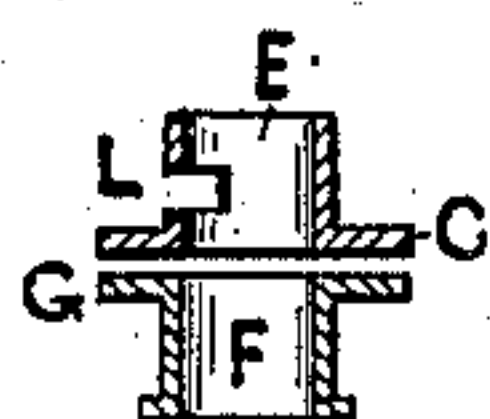


Fig. 4.

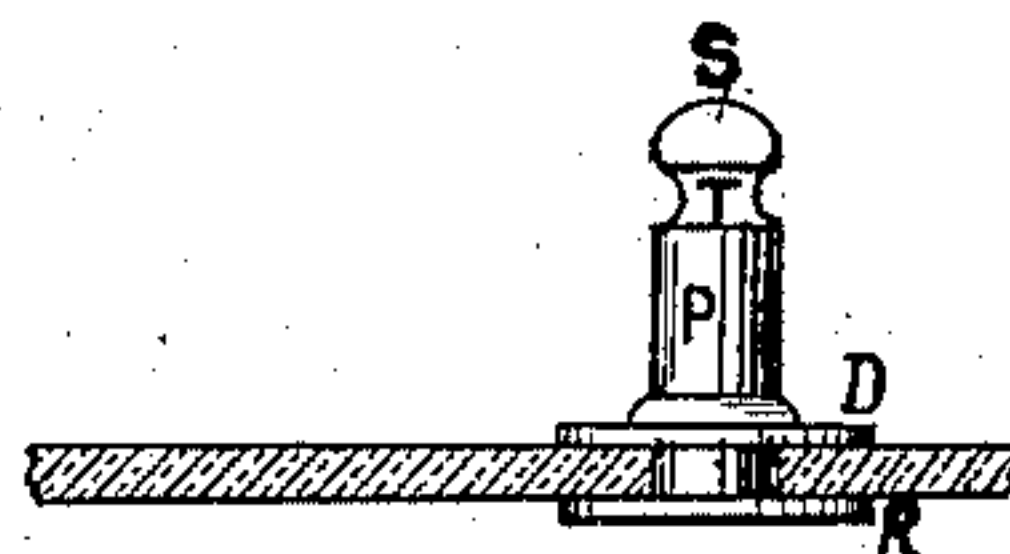


Fig. 5.

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## GLOVE-FASTENER.

SPECIFICATION forming part of Letters Patent No. 331,266, dated November 24, 1885.

Application filed May 21, 1885. Serial No. 166,306. (No model.)

*To all whom it may concern:*

Be it known that I, WILLARD M. WILLIAMS, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Glove-Fasteners, of which the following is a specification.

The object of my invention is to provide a cheap, simple, convenient, and durable fastening for gloves and other articles of wearing-apparel; and it consists in the novel construction, combination, and arrangement of the several parts of the device, as hereinafter more fully described, and specifically set forth in the claim.

This invention relates to that class of fastenings known as "separable buttons."

Figure 1 represents a vertical longitudinal sectional elevation of a fastener constructed in accordance with my invention as attached in use. Fig. 2 represents a vertical section of the shell or case adapted to receive the operative devices. Fig. 3 represents a horizontal sectional elevation showing the spring in position within the shell, drawn on an enlarged scale. Fig. 4 represents a vertical section through the two eyelets in position to be inclosed in the shell. Fig. 5 represents a sectional elevation of the stud attached to a piece of material.

A represents the shell or cap, formed of thin sheet metal, and having an annular shoulder, B, upon which the flange C of the eyelet E rests when it is placed in position within the said cap or shell A, as shown, the S-shaped spring H being placed within the horizontal slot L, formed in one side of the eyelet E, so as to be retained in position and held within the said shell, as shown in Fig. 3. Then the eyelet F is placed upon the eyelet E with its flange G resting upon the flange C of the eyelet, and then the edge of the cap or shell A is turned inwardly and pressed down on the flange G of the eyelet, and thus secures the parts firmly in position, leaving the end of the eyelet F projecting a short distance. A suitable hole being formed through the glove-wrist or other desired material, the end of the said eyelet F is inserted through the same. Then a suitable metal washer, K, is passed over the end of the said eyelet, and the end of the eyelet turned over

and down upon the washer, thereby securing this portion, or half, or part of the fastener or button permanently in position, as shown. Now, I provide a stud, P, having a thin flat head, R, and the opposite end, S, formed conical or oval, and provided with an annular groove, T, adapted to engage with the central portion of the said spring H, as shown in Fig. 1, when the end S of the said stud P is passed into the said eyelets E and F until it contacts with the body or central portion of the said S-shaped spring, which passes through or within the said slot L, as shown in Fig. 3. A slight pressure upon the stud forces the said body portion of the spring outward within the said slot, thereby compressing the return end of the spring which is outside of the eyelet opposite the said slot until the end of the said stud passes inwardly beyond the spring, which returns to its normal position within the said slot and resting within the said annular groove T of the stud, as shown, thereby connecting the parts together. The said stud P is secured to the opposite side portion of the opening at the wrist of a glove or other desired position by forming a hole or opening and inserting the stud P therein; then place the washer D over the stud and press it downward upon the enlarged portion near the head, when, by means of a suitable tool or instrument, the shoulder or step is upset or clinched down upon the said washer, so as to securely attach the said stud portion to the fabric, as heretofore employed. It will be seen that the said wire spring H is of a peculiar shape and of very simple formation, which renders it very durable and cheap to make, and when inserted within the shell, as shown, it is less liable to become accidentally disengaged from the annular groove of the stud than those heretofore constructed. As its opposite ends are so arranged as to have a bearing at opposite sides of the said shell or cap, it is more uniformly acted upon by the insertion of the stud in connecting the two opposite portions, as above described.

By constructing the two short tubular eyelets, E and F, with their flanges C and G placed together and both held in position by the inward-turned edge of the cap or shell A, common eyelets may be employed, only requiring



the formation of the horizontal slot L in the side of the inclosed one, rendering this portion of the fastening very cheap and simple. It will be seen that by means of the said annular shoulder B the said eyelet E is suspended within the said shell or cap A by means of its flange C, and that no other portion of the eyelet comes in contact therewith, thereby simplifying said shell or cap in its construction and rendering this half or separable portion of the fastening or button more desirable, as a less depth of shell is required, and the face or top of the shell or cap A is without a central opening, thus permitting the same to have a neat and finished surface.

Having thus described my invention, what I claim is—

A glove-fastener consisting of the shell or cap A, having an annular shoulder, B, and provided with the inclosed eyelet E, having a flange, C, resting upon said shoulder and provided with a slot, L, and the S-shaped spring H, having its central portion resting in said slot, and the eyelet F, provided with a flange, G, bearing upon the said flange C and secured to said shell, as described, all being constructed and arranged for operation with the stud P, substantially as shown and described.

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Witnesses:

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