

No. 686,439.

Patented Nov. 12, 1901.

A. J. BRADLEY.
GARMENT FASTENER.

(Application filed Dec. 15, 1900.)

(No Model.)

Fig. 1.

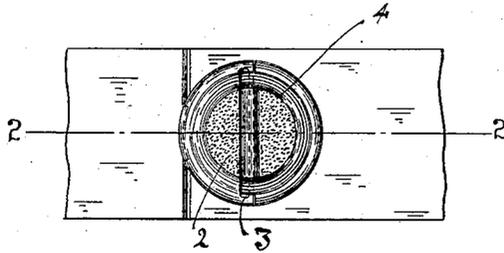


Fig. 2.

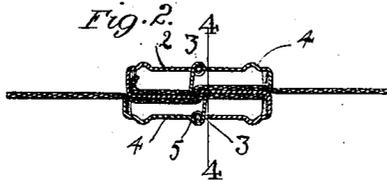


Fig. 3.

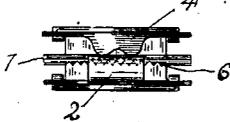


Fig. 4.

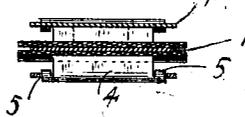


Fig. 5.

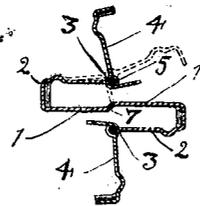


Fig. 7.

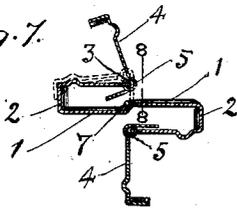


Fig. 8.

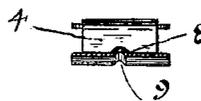
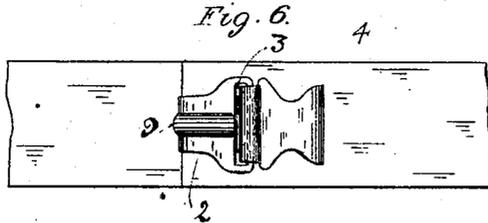


Fig. 6.



WITNESSES
Jno. G. Thomson
Mary E. Mead.

INVENTOR
A. J. Bradley, by
Carr & Carr, attys.

UNITED STATES PATENT OFFICE.

ANDREW J. BRADLEY, OF NEW YORK, N. Y.

GARMENT-FASTENER.

SPECIFICATION forming part of Letters Patent No. 686,439, dated November 12, 1901.

Application filed December 15, 1900. Serial No. 40,045. (No model.)

To all whom it may concern:

Be it known that I, ANDREW J. BRADLEY, a citizen of the United States, and a resident of the city, county, and State of New York, have invented new and useful Improvements in Garment-Fasteners, of which the following is a specification.

My invention relates to garment-fasteners, and has for its principal objects to facilitate the application of the device to and its removal from articles of apparel and to secure a firm and reliable fastening.

My invention consists in the device herein-after described and claimed.

In the accompanying drawings, which form part of this specification, and wherein like symbols refer to like parts wherever they occur, Figure 1 is a face view of my device fastening together the ends of two pieces of fabric. Fig. 2 is a longitudinal sectional view on the line 2 2 of Fig. 1. Fig. 3 is an end view thereof. Fig. 4 is a cross-sectional view on the line 4 4 of Fig. 2. Fig. 5 is a longitudinal sectional view with the clamps open and showing the manner of operation by dotted line. Fig. 6 is a front view of a modified form of my device. Fig. 7 is a longitudinal section, and Fig. 8 is a transverse section on the line 8 8 of Fig. 7.

The body 1 of my device is a piece of sheet metal having extending end portions 2, which are respectively looped back parallel with the body portion and on opposite sides thereof. The two loop portions 2 terminate opposite the middle of the body, and each of the loop portions has a transverse slot 3 near its end. A bent clamping-lever 4 extends through each of said slots and has ears 5 bent around the extreme end of the loop portion, whereby the lever is pivotally mounted on the end of the loop. The lever 4 is composed of a gripping or binding arm and an arm for manipulating the same, said arms being approximately at right angles to each other and arranged to clamp the fabric between the binding-arm and the body in such a way as to resist a pull on the fabric. For this purpose the parts may be arranged according to either of the modifications shown in the several figures.

In the construction shown in Figs. 1, 2, 3, 4, and 5 the manipulating-arm extends beyond the loop, and the end of the clamping-

arm is provided with teeth 6 for engaging the fabric. In this construction the middle portion of the body is struck up or offset transversely opposite the end of the loop, so as to provide a shoulder 7 closer to the fulcrum of the lever than the distance between the loop and the portion of the body parallel therewith. As the two loops terminate opposite the middle of the body, a single offset separating said body into two flat sections in parallel planes is sufficient to provide the shoulders for both levers.

In the construction shown in Figs. 7 and 8 the manipulating-arm is above its loop instead of extending beyond the same. In this construction the end of the gripping-arm is provided with one or more notches 8, and the body portion opposite the same is provided with one or more longitudinal ribs or corrugations 9 to correspond therewith. In this construction the body may be offset or not, as desired; but it is preferable that the clamping-arm should not have teeth sharp enough to penetrate the fabric.

In use the device is fastened to one portion of the garment or fabric by inserting said fabric between the body and one of the loops and then binding it in place by manipulation of the lever, the sheet metal being sufficiently elastic to permit the lever to turn. The other portion of the garment is then inserted into the other loop and likewise fastened.

The most important advantages of my device are that it may be used for fastening the overlapping edges of garments, and thereby dispenses with buttons and buttonholes.

The device may be made of various ornamental forms, as desired. For instance, Fig. 1 shows the device designed like an ordinary button; but obviously it may be made of other ornamental designs, and I do not wish to be restricted to the exact construction or design described and shown.

What I claim is—

1. A garment-fastener consisting of a body having end portions looped back on opposite sides, and each of said end portions having a clamping-lever mounted thereon, and the part of said body opposite the binding-arms of said levers being ribbed to interlock with both of said levers, substantially as described.

2. A garment-fastener consisting of a body

having end portions looped back on opposite sides, each of said end portions having a clamping-lever mounted thereon, said body having an offset near its middle to form shoulders
 5 for both of said clamping-levers, and said lever being arranged to interlock with said shoulders respectively, substantially as described.

3. A garment-fastener consisting of a body
 10 having end portions looped back on opposite sides, and each of said end portions having a clamping-lever mounted thereon, each of said levers having a notch in its end, and said body having a rib for cooperating with
 15 said notches, substantially as described.

4. A garment-fastener consisting of a body having end portions looped back on opposite sides, and each of said end portions having a bent clamping-lever mounted thereon, the

body having an offset opposite the binding- 20
 arms of said levers to form interlocking shoulders for both of said binding-arms, and the manipulating-arm of each lever extending beyond the loop portion, substantially as described. 25

5. A garment-fastener consisting of a body having end portions looped back on opposite sides, and each of said end portions having a bent clamping-lever mounted thereon, the body having an offset opposite the binding- 30
 arms of said levers to form interlocking shoulders for both of said binding-arms, and the manipulating-arm of each lever being above its loop, substantially as described.

ANDREW J. BRADLEY.

In presence of—

JAMES A. CARR,

HENRY A. KERSTING.