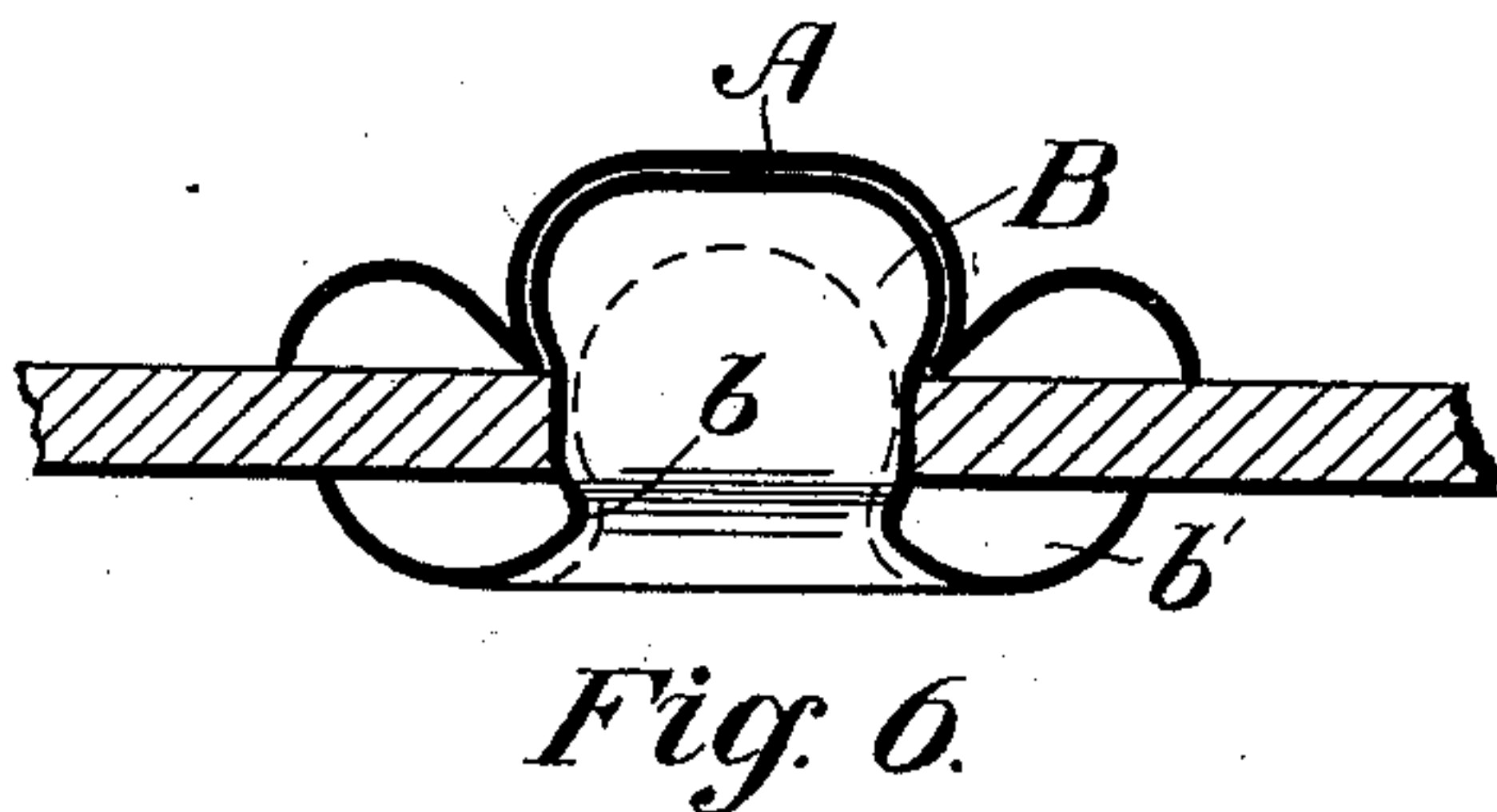
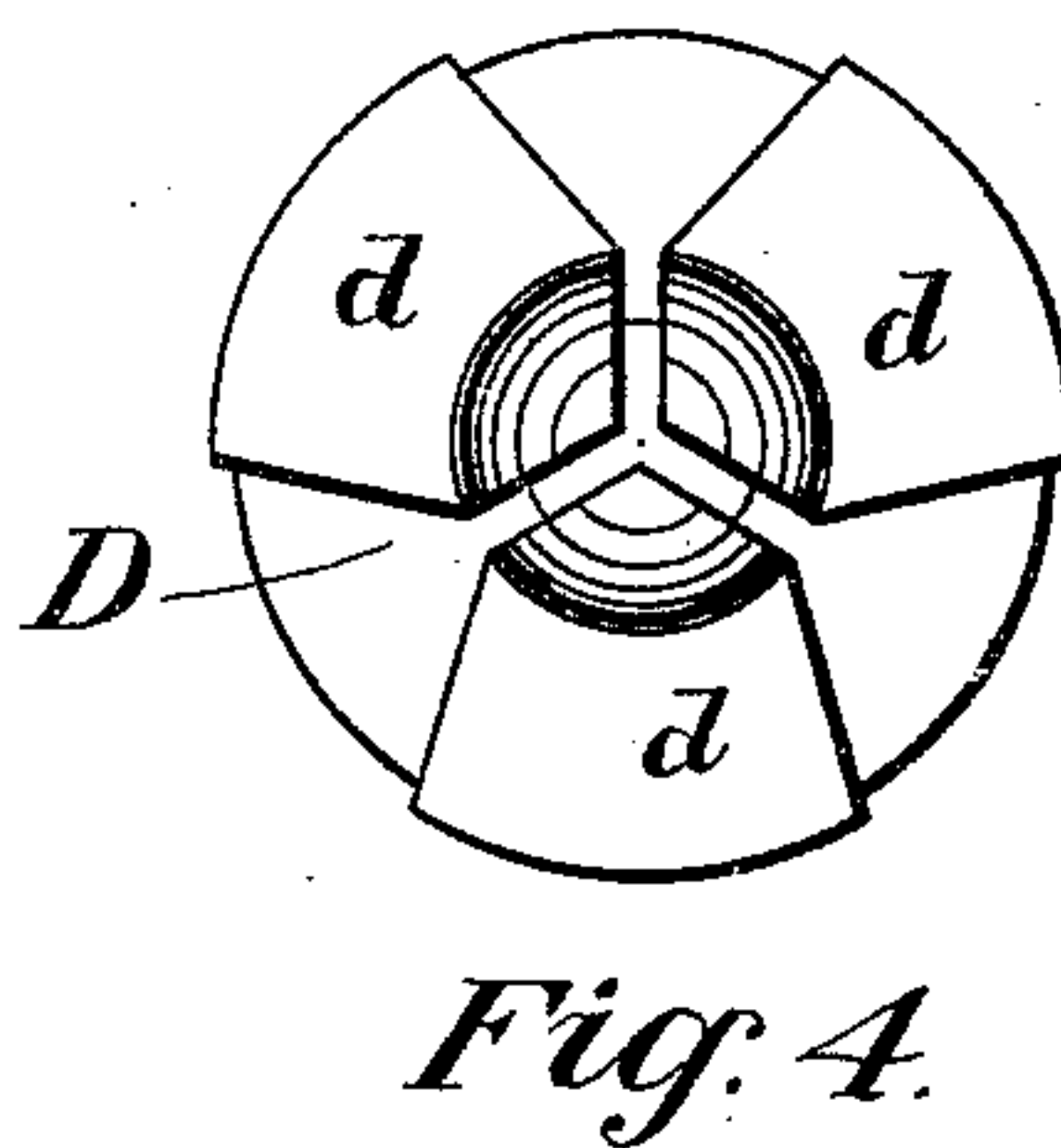
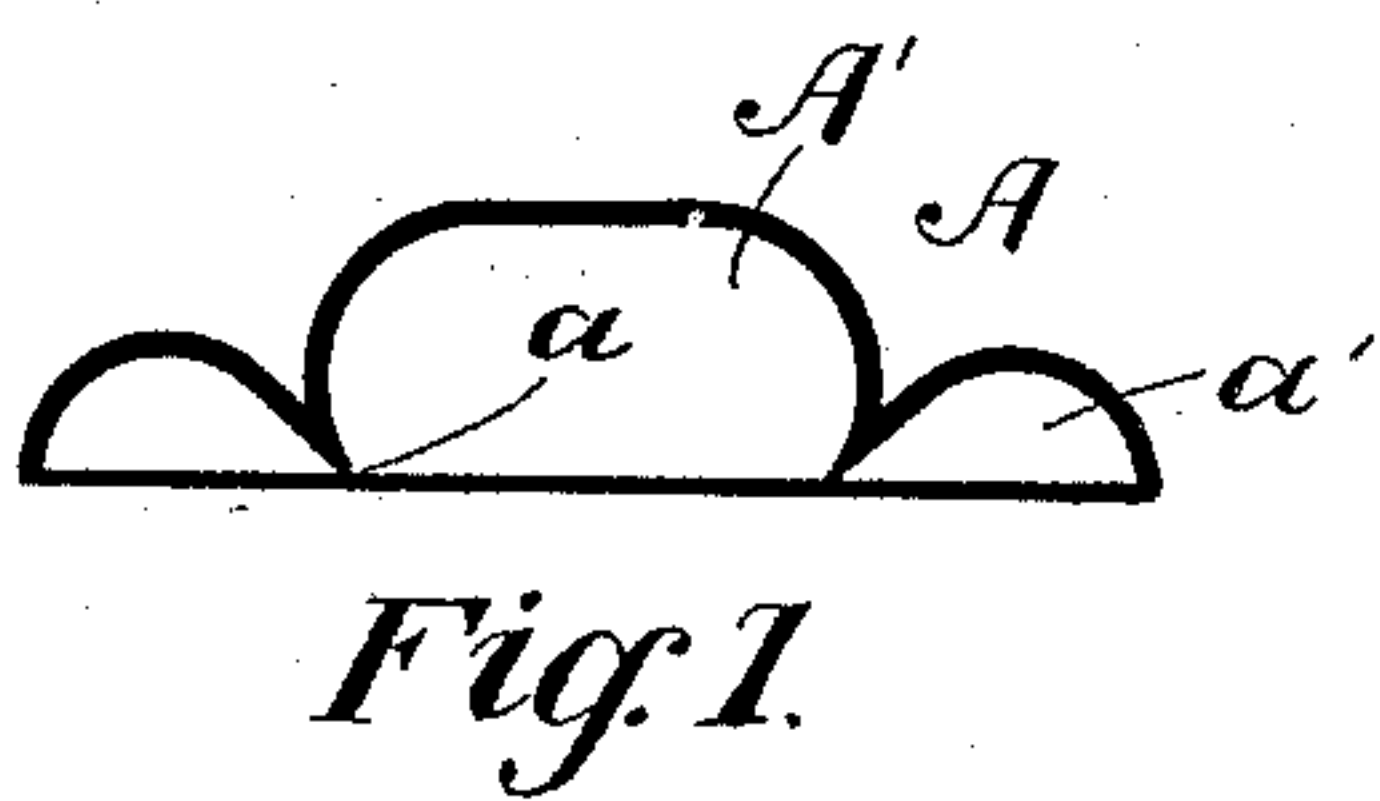


(No Model.)

A. G. MEAD.
GLOVE FASTENER.

No. 437,161.

Patented Sept. 23, 1890.



Witnesses
Albert E. Leach
M. H. Thompson.

Inventor
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UNITED STATES PATENT OFFICE.

ALBERT G. MEAD, OF BOSTON, ASSIGNOR TO W. B. H. DOWSE, TRUSTEE, OF
NEWTON, MASSACHUSETTS.

GLOVE-FASTENER.

SPECIFICATION forming part of Letters Patent No. 437,161, dated September 23, 1890.

Application filed November 7, 1889. Serial No. 329,502. (No model.)

To all whom it may concern:

Be it known that I, ALBERT G. MEAD, a citizen of the United States, residing at Boston, in the county of Suffolk and Commonwealth of Massachusetts, have invented certain new and useful Improvements in Fasteners, of which I declare the following to be a full specification, reference being made to the accompanying drawings, forming a part thereof.

Figure 1 is a section through the dome of the button-hole member of the fastener. Fig. 2 is a sectional view of the flanged stud-receiving case, and Fig. 3 of the washer used in the button member. Fig. 4 is a plan view of the spring-stud or resilient portion of the button-member; Fig. 5, a sectional view of the same. Fig. 6 is a section through the button-hole member secured to the material, and Fig. 7 is a similar view of the button member.

My invention consists of a cheap and efficient fastener for garments, gloves, and other articles, being especially practical by reason of the small number of parts entering into its construction. In the present state of the art the great desideratum is to produce a fastener presenting a neat button-like appearance and so simple in its construction as to enable it to be cheaply produced. In most, if not all, the marketable spring-fasteners now used a large number of small parts are employed, thus making the cost considerable. In my improved fastener I make the male and the female members of the fastener each in two parts only, thus producing them very cheaply and at the same time obtaining a fastener of extremely neat appearance.

The female or button-hole member of my fastener consists of the dome or cap A and the flanged stud-receiving case B. The dome, which rests on the top of the material of the upper flap of the garment, glove, or other article to which the fastener is applied, and is hence the part most exposed to view, should be of a neat shape, presenting, preferably, a somewhat button-like appearance. The important feature of this part is that it has a central rounded chamber A', having a contracted mouth a , for the purposes presently to be seen. Aside from this the particular shape of the dome is immaterial, though I prefer

to have it conform somewhat to that of a button. As herein shown, there is a neat annular convexly-rounded portion a' surrounding the central chamber A'.

B is the case or socket which holds the stud of the button member when the parts are engaged together. It consists of a flanged cup having a contracted mouth b at the bottom or flanged end thereof to embrace the neck of the stud when inserted therein, and whose interior is of sufficient diameter to contain easily within it the head of the stud.

The tubular portion of the cup, aside from serving as a casing for the stud, performs also the function of a tubular rivet in holding the two parts A and B together and to the material. To this end the dome A is placed with its central chamber A' above the hole in the material, and the tubular portion of the part B is passed up from beneath. By pressure between suitably-shaped dies the said tubular portion is rounded out within the chamber A', forming a button-hole member of the construction shown in Fig. 6.

Referring now to the button or male member, D is the spring-stud struck up from a plain metal blank having a substantially circular flange and provided with two or more wings d , bent back upon the flange and bearing rounded spring-ears d' , forming a somewhat spherical head. The flange of the stud has the central tubular eyelet d^2 drawn therefrom, the spring-ears, wings, flange, and eyelet being all integral or in one piece. The other part of the button member is the washer C, which may be flat, or, as herein shown, convexly rounded. The flanged stud D rests on top of the material and the washer C beneath it, the eyelet d^2 being rounded out within the washer and thus clinched thereto, as shown in Fig. 7.

I claim—

1. In a glove-fastener, a female member made in two parts and consisting of a dome provided with a central chamber A', having a contracted mouth a , in combination with a flanged tubular stud-receiving case clinched in said central chamber and provided with a contracted mouth b , substantially as described.

2. In a glove-fastener, a female member made in two parts and consisting of a dome

provided with a central chamber having a contracted mouth, and a convexly-rounded annular portion a' , surrounding said chamber, in combination with a flanged tubular stud-
5 receiving case clinched in said central chamber and having a contracted mouth, substantially as described.

3. In a glove-fastener, a male member consisting of the combination, with a one-piece
10 flanged stud D, having wings bearing spring-

ears, and a tubular eyelet d^2 struck from said flange integral therewith, of a washer C, substantially as described.

In witness whereof I have hereunto set my hand.

ALBERT G. MEAD.

Witnesses:

WM. B. H. DOWSE,
ALBERT E. LEACH.