

(No Model.)

F. H. RICHARDS.

BUTTON FASTENER.

No. 322,008.

Patented July 14, 1885.

Fig. 1

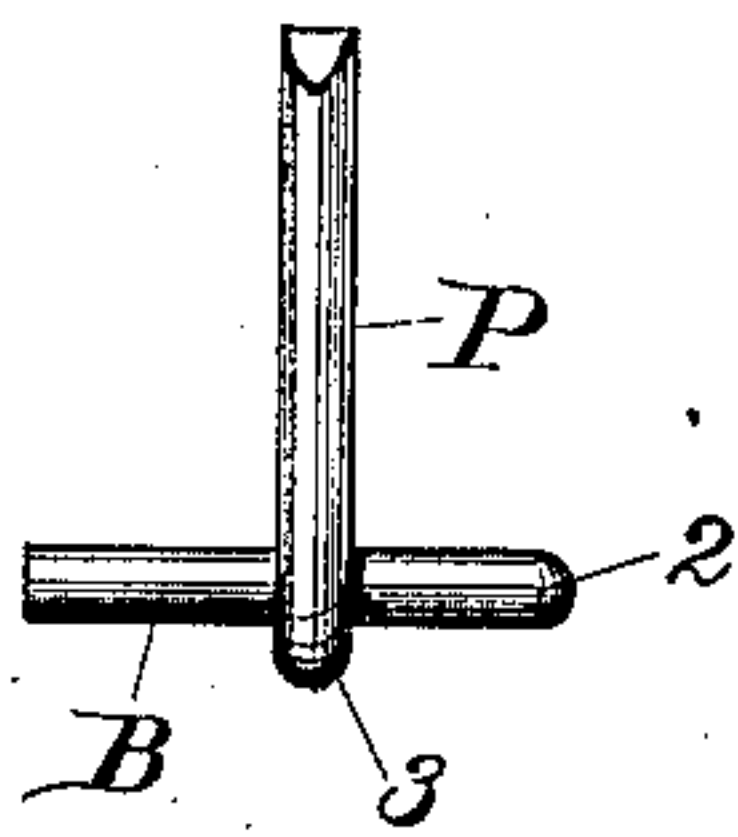


Fig. 2

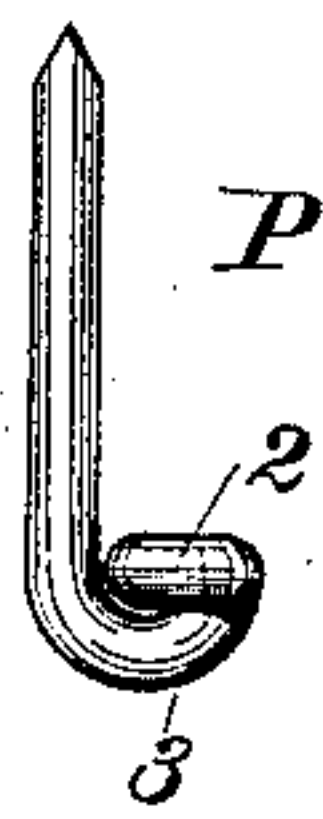


Fig. 3.

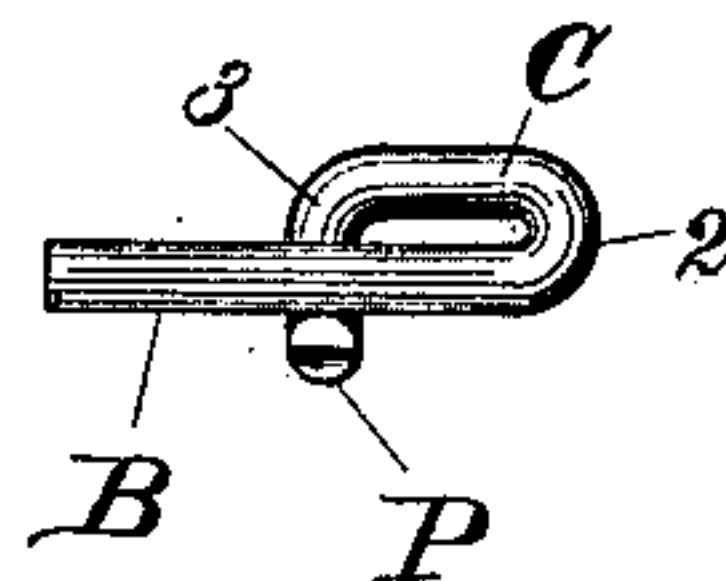


Fig. 4

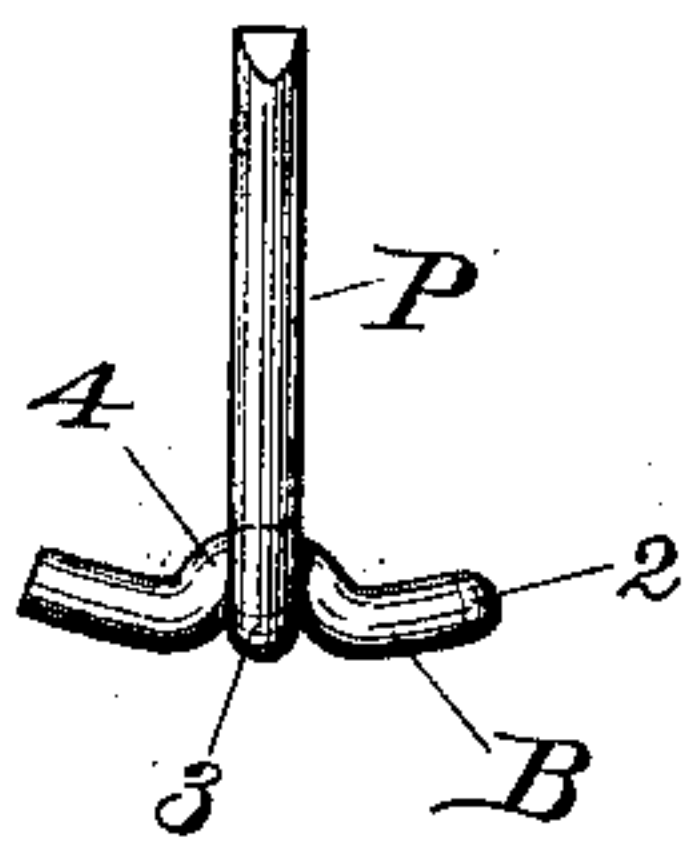


Fig. 5

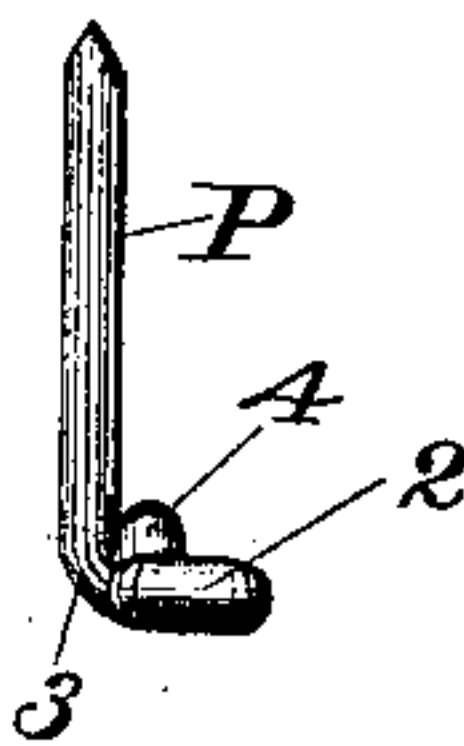


Fig. 6

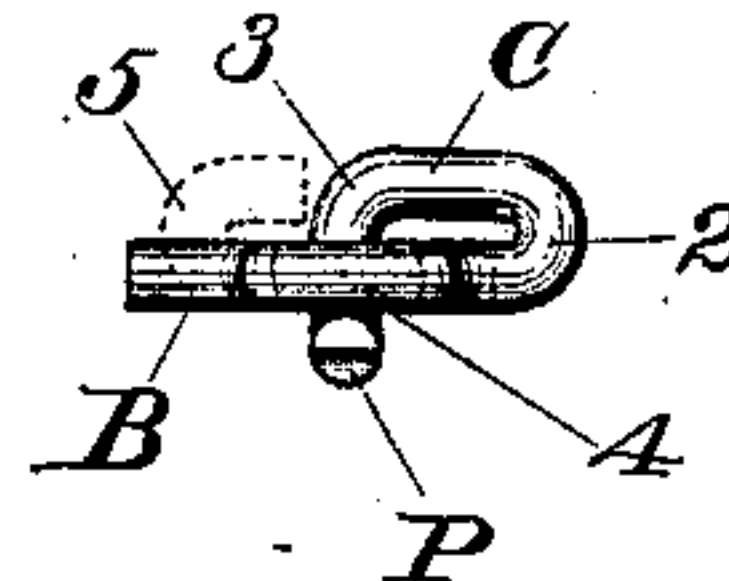


Fig. 7

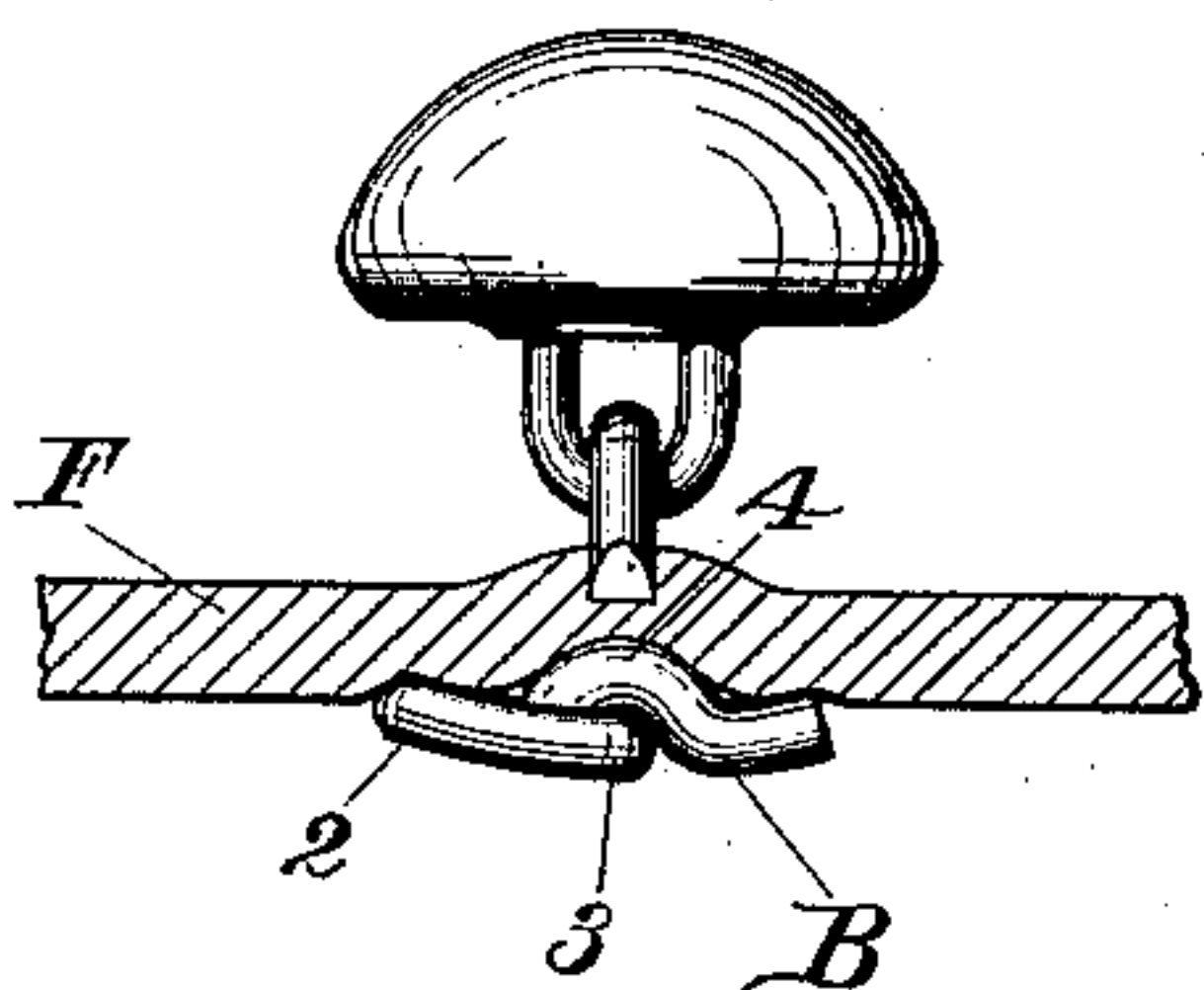
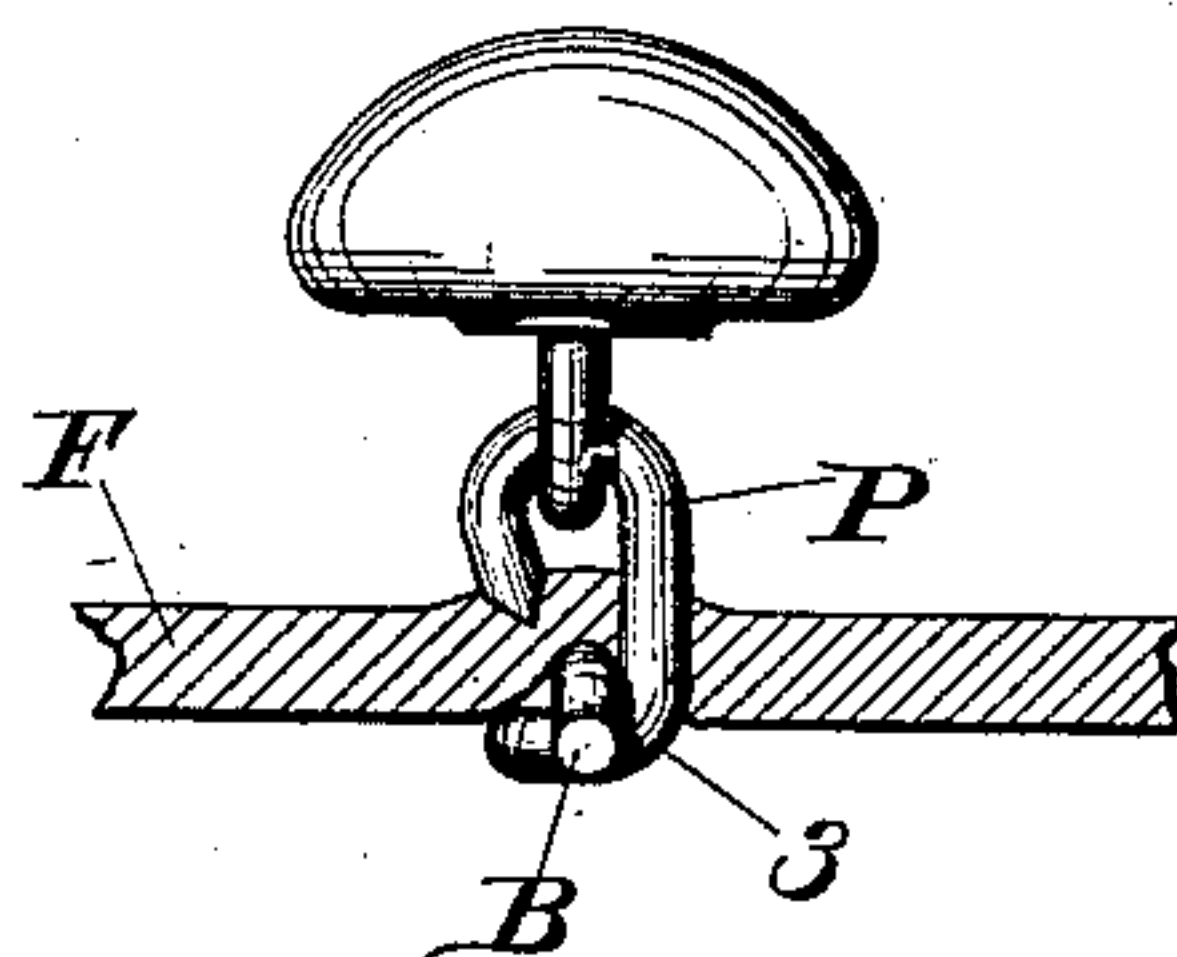


Fig. 8



Witnesses:

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UNITED STATES PATENT OFFICE.

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BUTTON-FASTENER.

SPECIFICATION forming part of Letters Patent No. 322,008, dated July 14, 1885.

Application filed December 11, 1884. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS H. RICHARDS, a citizen of the United States, residing at Springfield, in the county of Hampden and State of Massachusetts, have invented certain new and useful Improvements in Button-Fasteners, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof.

10 This invention relates to improvements in one-prong fasteners to be used for securing shank-buttons to fabrics, the object being to furnish such a fastener having all the necessary features, and of such a form that it can be manufactured out of wire, thereby avoiding the sharp angles and edges common to those kinds which are cut from sheet metal.

15 The invention consists in certain improvements, which are hereinafter described and claimed.

20 Figure 1 is a side view of a one-prong button-fastener formed of wire and embodying a part of my improvements. Fig. 2 is an edge view of the fastener. Fig. 3 is a top view of the same. Figs. 4, 5, and 6 are three views similar to the preceding, showing the same fastener with my improvements complete. Figs. 7 and 8 are respectively a side and edge view of the completed button-fastener after it is inserted into a fabric for holding thereto a shank-button.

Similar characters designate the same parts in all the figures.

35 In the drawings, P designates the prong of the fastener. B is a bar constituting the major part of the head. C is a shorter part of the head, which lies parallel to part B, to which said part C is connected by bend 2, it being connected to the prong by a double bend—a bend in two directions—3, underneath bar B. This bend 3 serves as a hook to transmit the pull of the button centrally to

the head. In the form of fastener first shown the bar B is straight, lying above bend 3. In the second form shown, Figs. 4, 5, and 6, the form of said bend is slightly modified, and an upward bend, 4, is made in bar B, so as to bring the lower part of bend 3 even with the under side of the ends of said bar. When the fastener thus formed is inserted into the fabric or leather F, Figs. 7 and 8, this bend 4 is embedded into the under side of said material, as shown in these figures, so that the fastener-head will throughout lie in close contact with the material F.

55 In order to equalize the extent of surface on either end of the head the end of bar B not joined to part C may be extended and bent around, as indicated by dotted lines at 5, Fig. 6.

60 Having thus described my invention, I claim—

1. As an improved article of manufacture, the button-fastener herein described, consisting of a single piece of wire bent to form a head and prong, said head having short part C, and the longer part B parallel thereto, said prong being connected to said short part by a bend underneath said longer part, substantially as set forth.

70 2. As an improved article of manufacture, the button-fastener herein described, consisting of a single piece of wire bent to form a head and prong, said head having the short part C and the longer part B parallel thereto, said prong being connected to said short part by a bend, 3, underneath said longer part, and said longer part having an upward bend over said bend 3, substantially as set forth.

FRANCIS H. RICHARDS.

Witnesses:

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