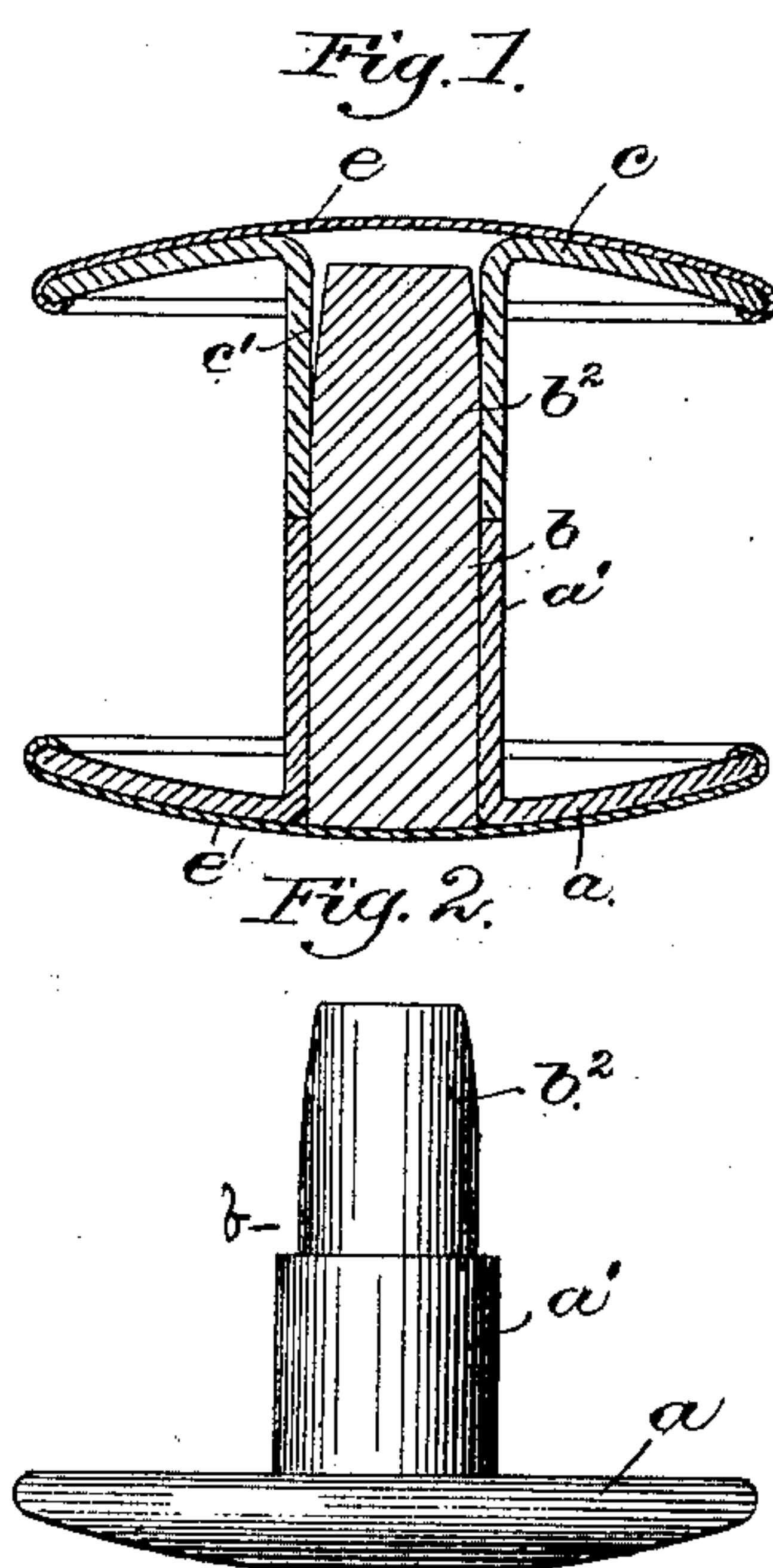


(No Model.)

J. H. HUFF.
BUTTON

No. 341,418.

Patented May 4, 1886.



Witnesses
John F. C. Prentiss.
Fred L. Emery.

Inventor:
James H. Huff.
by Crosby & Gregory attys.

UNITED STATES PATENT OFFICE.

JAMES H. HUFF, OF BOSTON, MASSACHUSETTS.

BUTTON.

SPECIFICATION forming part of Letters Patent No. 341,418, dated May 4, 1886.

Application filed January 25, 1886. Serial No. 189,652. (No model.)

To all whom it may concern:

Be it known that I, JAMES H. HUFF, of Boston, county of Suffolk, and State of Massachusetts, have invented an Improvement in Buttons, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention has for its object to construct a separable or two-part button especially adapted for wearing-apparel, the two portions being easily pressed together with the fingers, and when once united cannot be easily pulled apart.

The invention consists of a head having a tubular shank secured to it, combined with a similar head having a tubular shank and a core contained within the tubular shank, that portion of the core protruding from the tubular shank being of frusto-conical shape, to receive pressed upon it the tubular shank of the first-named head.

Figure 1 shows in vertical section a two-part button constructed in accordance with this invention, and Fig. 2 an elevation of one portion of the button containing a frusto-conical shank.

The head *a* has a tubular shank, *a'*, integral therewith, and a core, *b*, is forced into the said tubular shank, the diameter of the said core being sufficient to snugly fit the said tubular shank *a'*, thereby preventing the withdrawal of the core. The forward end, *b²*, of the core *b*, projecting beyond the end of the tubular shank *a'*, is of frusto conical shape, as shown in Fig. 2. The head *c* has a tubular shank, *c'*, similar to the corresponding head and shank, *a a'*. The tubular shank *a'* and contained core are passed through a hole made in the garment to which the button is to be attached, and the tubular shank *c'* of the head *c* is slipped upon the frusto-conical portion *b²* of the core and firmly pressed down with the fingers until the ends of the tubular shanks *c'* and *a'* abut together. The head *c*, with the tubular shank

c', is very easily pressed upon the remaining portion of the button; but when once pressed thereon it is withdrawn with difficulty. The heads *a c* are preferably of similar diameter and construction, and may each be provided with a plated covering, *e e'*. It is obvious that the core *b*, having the frusto-conical end portion, *b²*, may be made integral with the tubular shank *a'*, in which it is rigidly contained.

The button herein described is especially applicable to garments where any material is to be attached or buttoned to either head.

I am aware that a two-part button has been made by forcing a bifurcated post attached to one head into a frusto-hollow post attached to the other head, and such construction I do not herein claim.

I claim—

1. As an improved article of manufacture, a two-part button consisting of the head *a*, tubular shank *a'*, and core *b*, fixed therein and having the frusto-conical end portion, *b²*, combined with the head *c* and its tubular shank *c'*, the inside diameter of the said tubular shank *c'* being sufficient to snugly fit upon the frusto-conical portion *b²* of the core, all substantially as described.

2. As an improved article of manufacture, the two-part button consisting of the head *a* and shank secured thereto, having a solid frusto-conical end portion, combined with a head having a tubular shank secured thereto, the inside diameter of the tubular shank being sufficient to snugly fit upon the solid frusto-conical end portion of the co-operating shank, all substantially as and for the purpose specified.

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

JAMES H. HUFF.

Witnesses:

B. J. NOYES,
F. CUTTER.