

C. Seaver, Jr.
Button.

No. 47135.

Patented April 4, 1865.

Fig. 4.

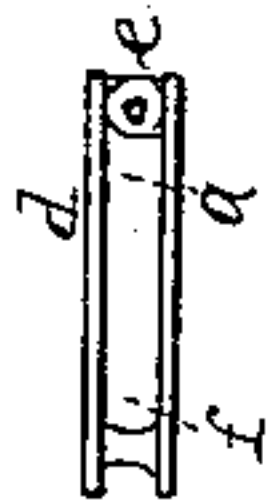


Fig. 5.

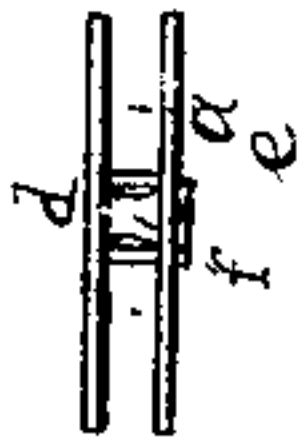


Fig. 6.

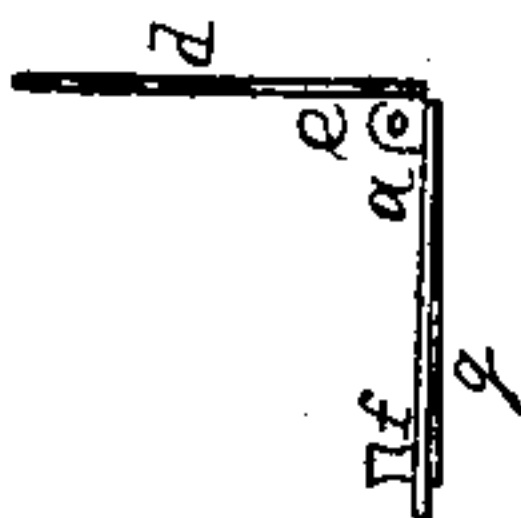


Fig. 7.



Fig. 1.

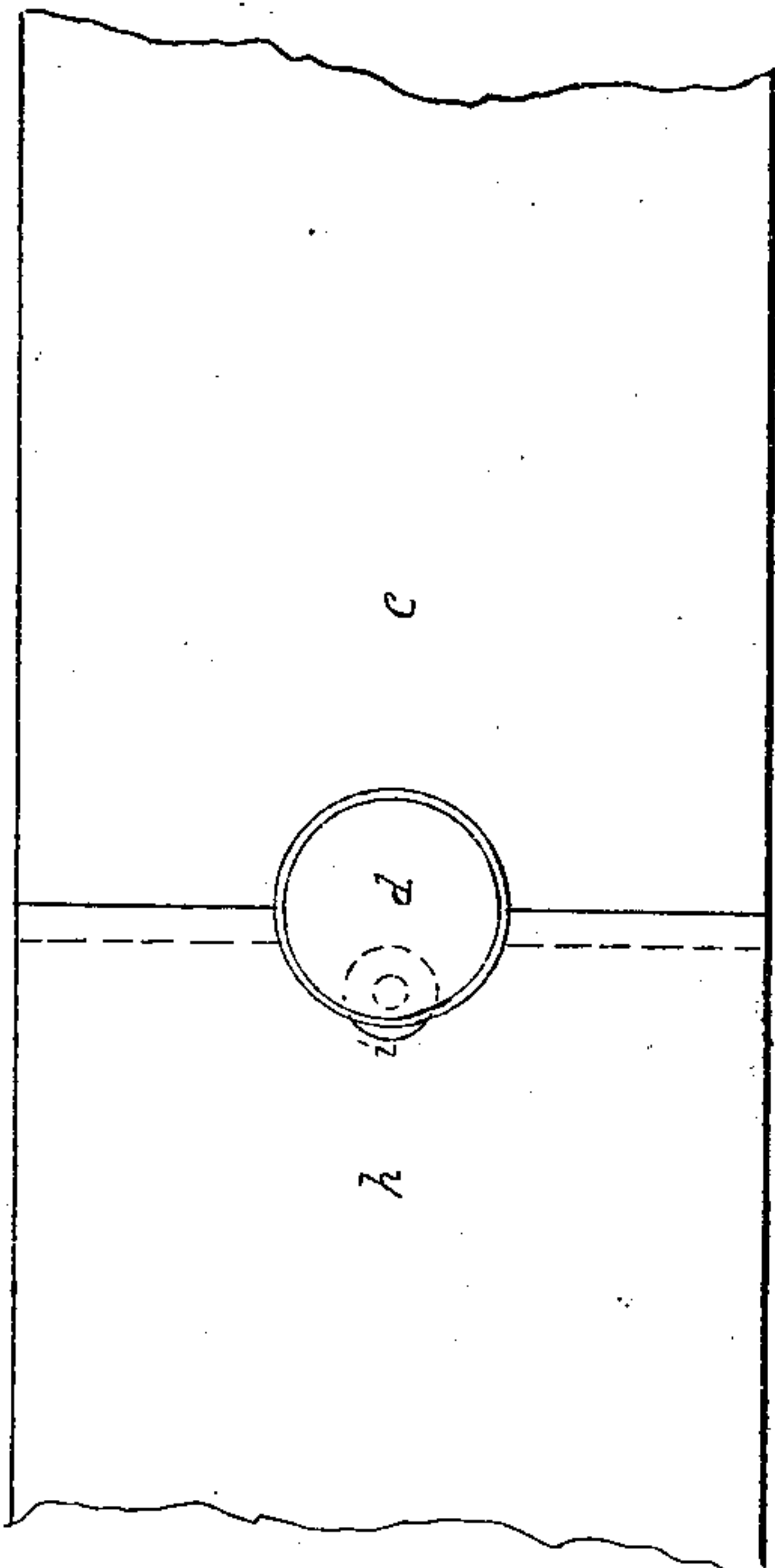


Fig. 2.

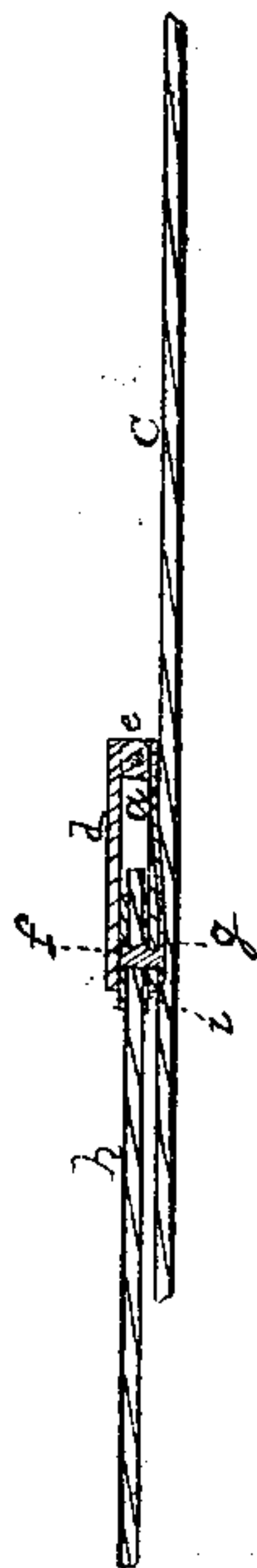
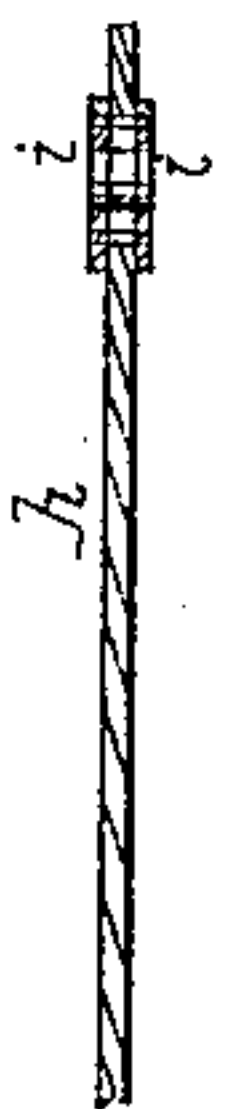


Fig. 3.



Witnesses:

J. L. Newton
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UNITED STATES PATENT OFFICE.

CHANDLER SEAYER, JR., OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN CLASPS FOR CLOTHING.

Specification forming part of Letters Patent No. 47,135, dated April 4, 1865.

To all whom it may concern:

Be it known that I, CHANDLER SEAYER, Jr., of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful or Improved Clothes-Fastener; and I do hereby declare that the same is fully described and represented in the following specification and the accompanying drawings, of which—

Figure 1 is a top view of a portion of a coat containing my invention. Fig. 2 is a vertical section of the same. Fig. 3 is a section of the "upper lap" or portion of the coat with its eyelet-hole and strengthening-plates. Fig. 4 is a side view, and Fig. 5 an end view, of my invention separated from the garment. Fig. 6 is a side view of it, with its cover or button raised as in the act of unfastening the garment.

My invention, which is intended to dispense with the use of the ordinary button and button-hole, consists in a metallic plate, to be applied to the under lap or portion of the article of wearing-apparel, and provided with a projecting pin or stud, and a hinged cover or "button," as it may be termed, the whole being so made and applied that the cover shall shut down upon the top of the stud, and inclose under it the upper lap or portion of the coat or garment, which is to be provided with a hole or recess to fit down over the stud, the said hole being properly strengthened, as hereinafter explained.

In the drawings, *a* denotes a flat metallic plate of a circular or other proper form, punctured with a number of small holes for the purpose of attaching it to the cloth *c* of the garment with which it is to be used.

d is the upper plate or button, which is connected with the lower plate, *a*, by means of a "jack-knife hinge," as shown at *e*. A pin or stud, *f*, is so attached to the opposite side of the plate *a* as to extend above it a short distance, while its lower extremity passes down through the said plate, and through one end of the spring *g*, making part of the above-mentioned jack-knife hinge.

A portion of the cloth of the upper lap of the garment is shown at *h*, it having a small hole punctured in it to pass over the

stud *f*, the hole being strengthened by means of two metallic rings or plates, *i i*, one placed on each side of the cloth and surrounding the hole and secured to the cloth by means of threads passing through small holes punched in them, or by rivets, if deemed preferable.

Instead of the two plates *i i*, attached as above described an eyelet and washer may be employed of the form as shown in section in Fig. 7—that is, the eyelet may be made with a large flat annulus, *a'*, and a neck, *b'*, which may be passed through the cloth and turned or headed down over the washer *c'*, which is previously placed over it and next to the cloth. The two parts of the eyelet thus applied may be further strengthened, if desirable, by a thread passing through them and the cloth.

The button *d'* may be covered with cloth, if desirable, to give it the appearance of an ordinary button.

Instead of the employment of the spring *g* to keep the cover or button *d* down upon the stud *f*, the said button may be constructed with a slot having one end enlarged sufficiently to slip over the stud *f*, which is to be provided with a small head. On partially rotating the button, the head of the stud will cover the top of the slot and keep the button in place.

In the use of the above-described fastening apparatus the outer lap is to be pressed down over the stud *f*, and the cover or button spring down upon it. The strain upon the parts is in a lateral direction and against the stud, which will suffice to keep them in place under the pressure of the spring *g*, the sides of the stud *f* being made slightly concave, as shown in Fig. 4, for this purpose.

To unfasten the garment it is only necessary to take hold of the upper part of the outer lap and give it a quick pull in an outward direction, which will at once raise the button *d* and release the outer lap from the stud *f*.

It will be seen by the above description that I not only dispense with the ordinary button and button-hole, but that I produce a very strong, simple, and durable fastening, one important advantage of which is that in

securing the parts to the cloth a large surface is covered by the stitches or rivets, thus rendering tearing of the cloth difficult, if not impossible.

I claim—

My improved clothes-fastening attachment, the same consisting of the plates *a* and *d* and the stud *f*, they being constructed and to

operate in connection with an eyelet or hole in the outer lap of the garment, substantially in manner as hereinbefore explained.

CHANDLER SEAVER, JR.

Witnesses:

J. L. NEWTON,
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