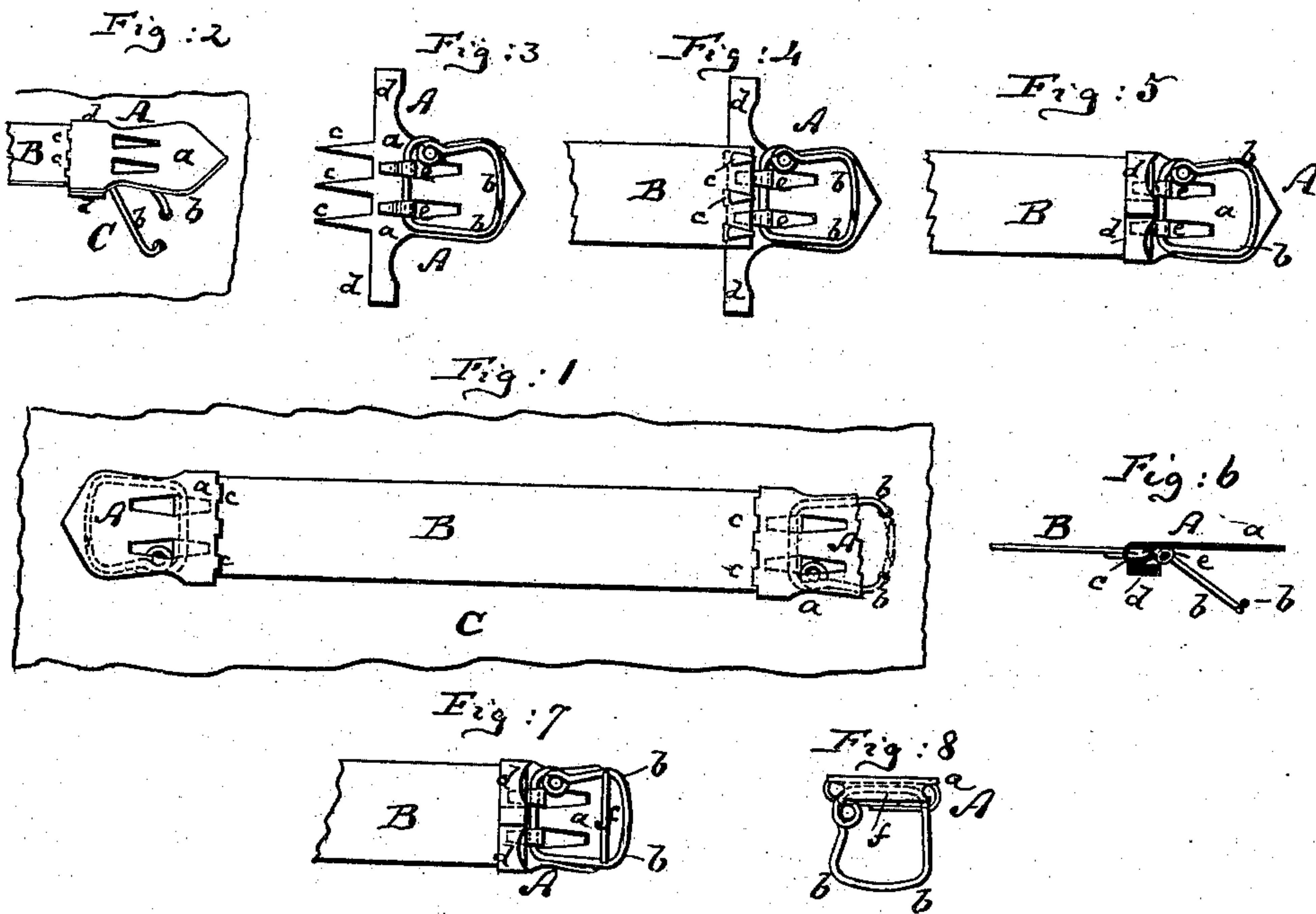


J. WORMS & I. COHN.
CLASPS FOR HOLDING GARMENTS.

No. 173,748.

Patented Feb. 22, 1876.



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UNITED STATES PATENT OFFICE.

JOSEPH WORMS AND ISRAEL COHN, OF NEW YORK, N. Y.

IMPROVEMENT IN CLASPS FOR HOLDING GARMENTS.

Specification forming part of Letters Patent No. 173,748, dated February 22, 1876; application filed December 16, 1875.

To all whom it may concern:

Be it known that we, JOSEPH WORMS and ISRAEL COHN, of New York city, in the county and State of New York, have invented a new and Improved Coat and Dress Hanger Attachment, of which the following is a specification:

This invention has for its object to produce a means for readily attaching the hangers or other straps or devices to coats or other articles of wearing apparel.

Coat-hangers are now usually sewed with great care to the collars, as otherwise they are very liable to be torn off, the sewing process frequently occupying as much as ten minutes in a single case. By our invention the hanger can be instantaneously and yet securely attached, and does not even require to be bound at the ends.

Our invention consists of a combined clasp and prongs for claspings the end of the hanger and securing the same to the collar.

In the accompanying drawing, Figure 1 represents a face view of a coat-hanger attached to a collar by two of our improved devices. Fig. 2 is a perspective view of one end of the hanger so fastened. Fig. 3 is a bottom or inverted plan view of our improved clasp, showing it before it is connected to the hanger and collar. Fig. 4 is a similar view thereof, showing it partly attached to the hanger. Fig. 5 is a similar view thereof, showing it completely secured to the hanger. Fig. 6 is a longitudinal section of the clasp attached to the hanger. Fig. 7 is an inverted face view of the clasp, showing a modification in the construction of same. Fig. 8 is an end view of the clasp shown in Fig. 7, but detached from the hanger.

Similar letters of reference indicate corresponding parts in all the figures.

The letter A represents our improved combined clasp and prongs. It is composed of a sheet-metal plate, *a*, and of a pair of spring-wire prongs, *b b*. The plate *a*, which is shown in Fig. 3, is provided with a series of projecting points, *c c*, a pair of ears, *d d*, and one or more lugs, *e*, the latter formed by incisions into the body of the plate *a*. The prongs *b b* are best made in one piece of wire,

as shown in Fig. 3, their pointed ends approaching each other from opposite sides and overlapping one another, so that the wire forms a nearly-closed loop. This wire loop is laid against the under side of the plate *a*, directly behind the lugs *e*, and the latter are then bent backward over the inner part of the wire loop, as clearly shown in Fig. 3. Thus the wire loop is attached to the plate *a*. The points *c c* are next introduced through the end of the hanger B, and bent downward and toward the wire loop *b*, and finally the ears *d d* are bent downward and folded against the under side, all as clearly indicated in Figs. 4 and 5. The ears *d d* will come under the bent points *c* and lugs *e*, and prevent the same from unbending, thus insuring the proper attachment of the wire loop *b* to the plate *a*, and that of the entire clasp to the hanger B. The hanger, after its ends are provided each with a clasp, A, is attached to the collar by simply spreading the two spring-prongs at each end apart, and introducing them through the fabric of the collar, as indicated in Fig. 2.

The plate *a* may have a dovetail or other shaped locking projection, *f*, formed on it, as indicated in Figs. 7 and 8, to lock between the wire arms of the prongs *b b*, and prevent the same from further vibrating on the plate *a*.

It is evident that the form of the plate *a* may be varied, and that the points *b b* may be attached thereto by separate fastenings; but the construction herein shown and described we deem preferable.

We claim as our invention—

1. The combination of the plate *a*, which has the fastening-point *c*, with the prongs *b*, to constitute a clasp for securing coat-hangers, substantially as specified.

2. The blank *a*, made with the points *c c*, ears *d*, and with the lug or lugs *e* for receiving the prongs, substantially as specified.

The foregoing description of our invention signed by us this 15th day of December, 1875.

J. WORMS.
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Witnesses:

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