

(No Model.)

2 Sheets—Sheet 1.

J. ROSS.
BELT.

No. 506,375.

Patented Oct. 10, 1893.

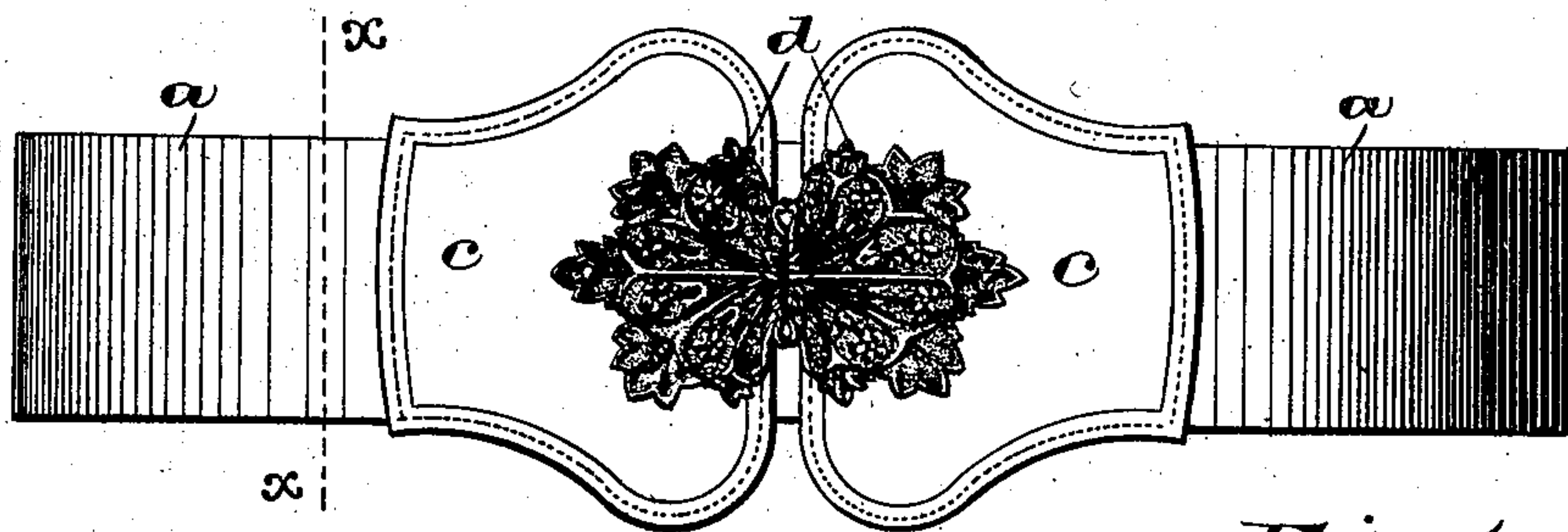


Fig. 1

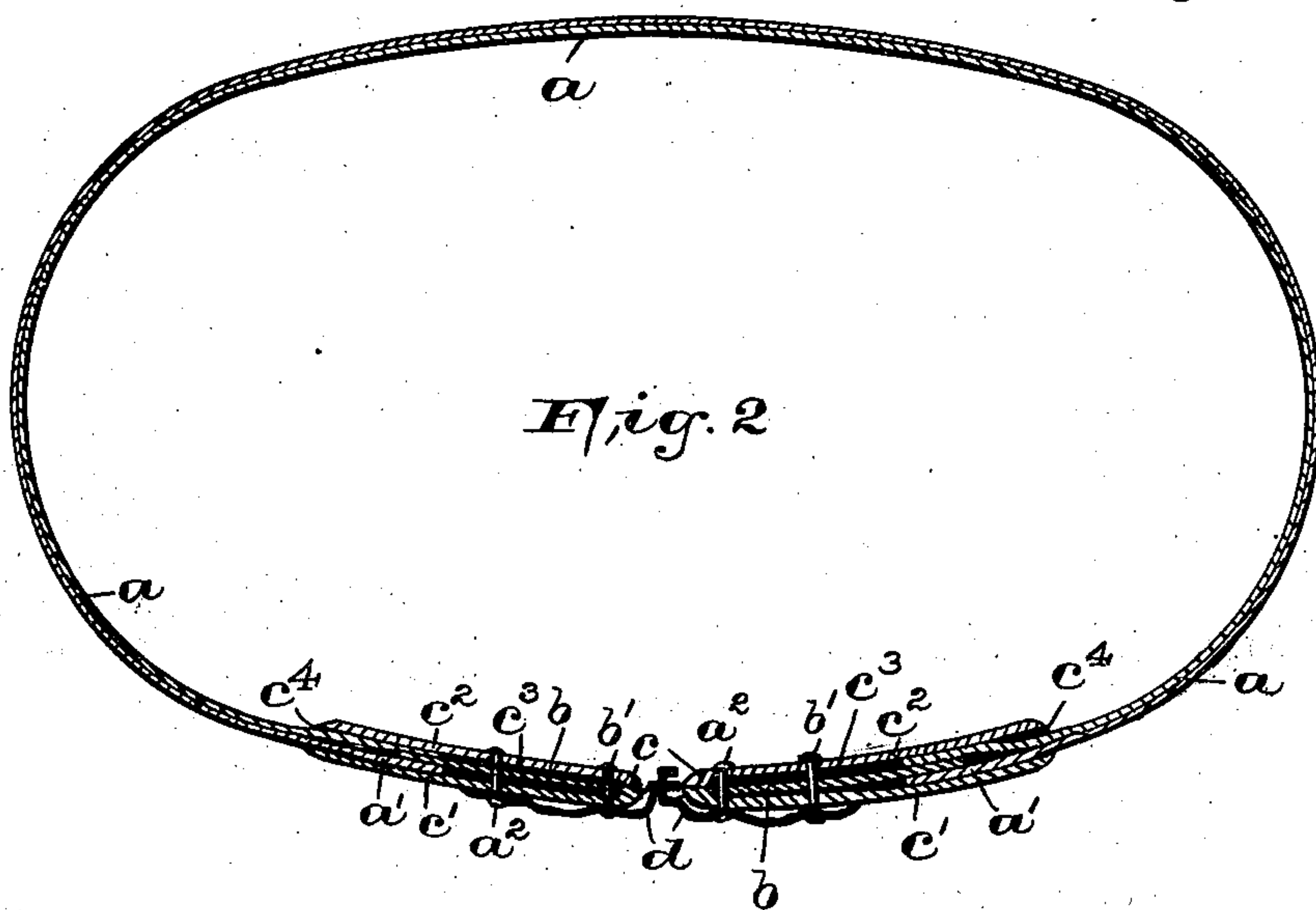


Fig. 2

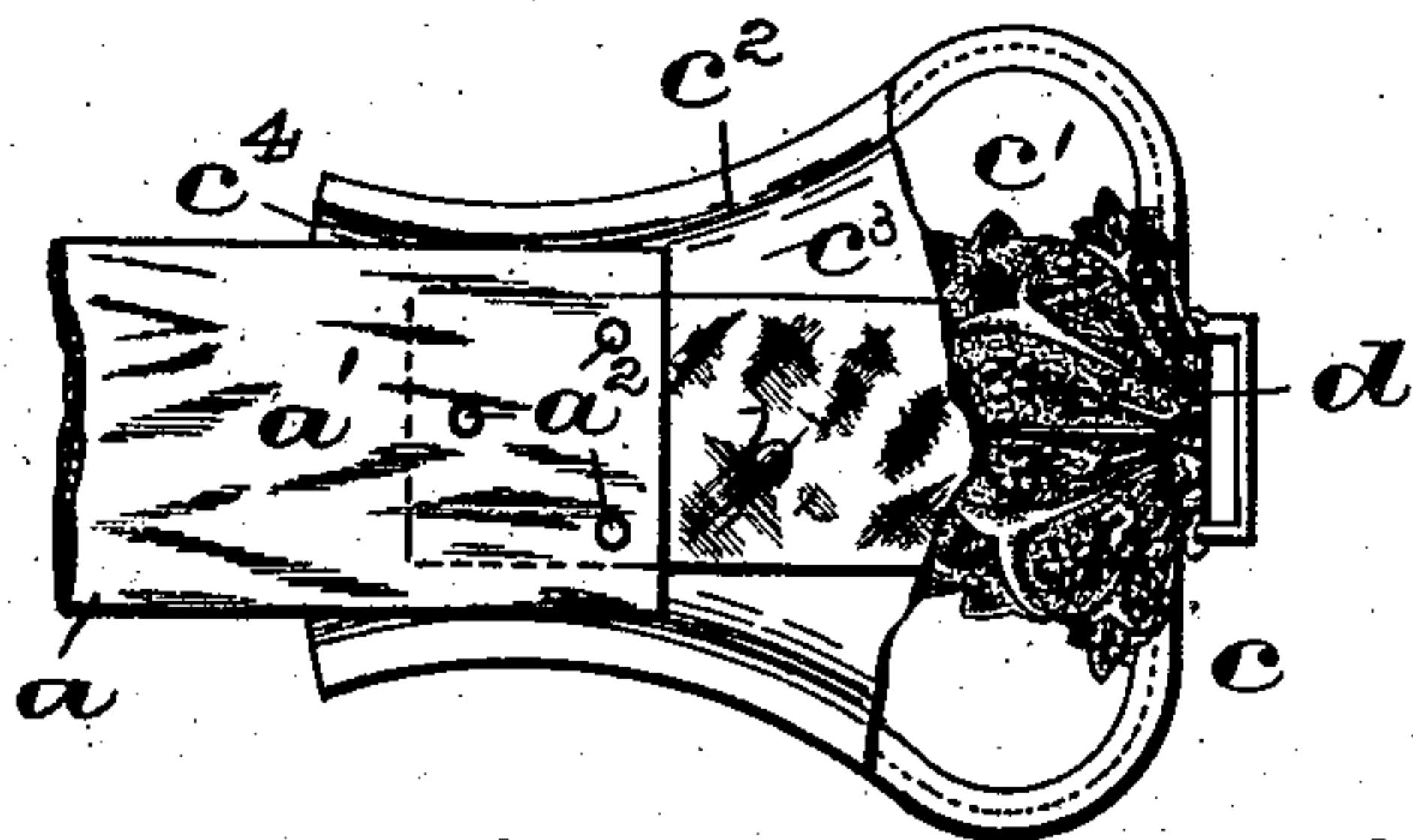


Fig. 3

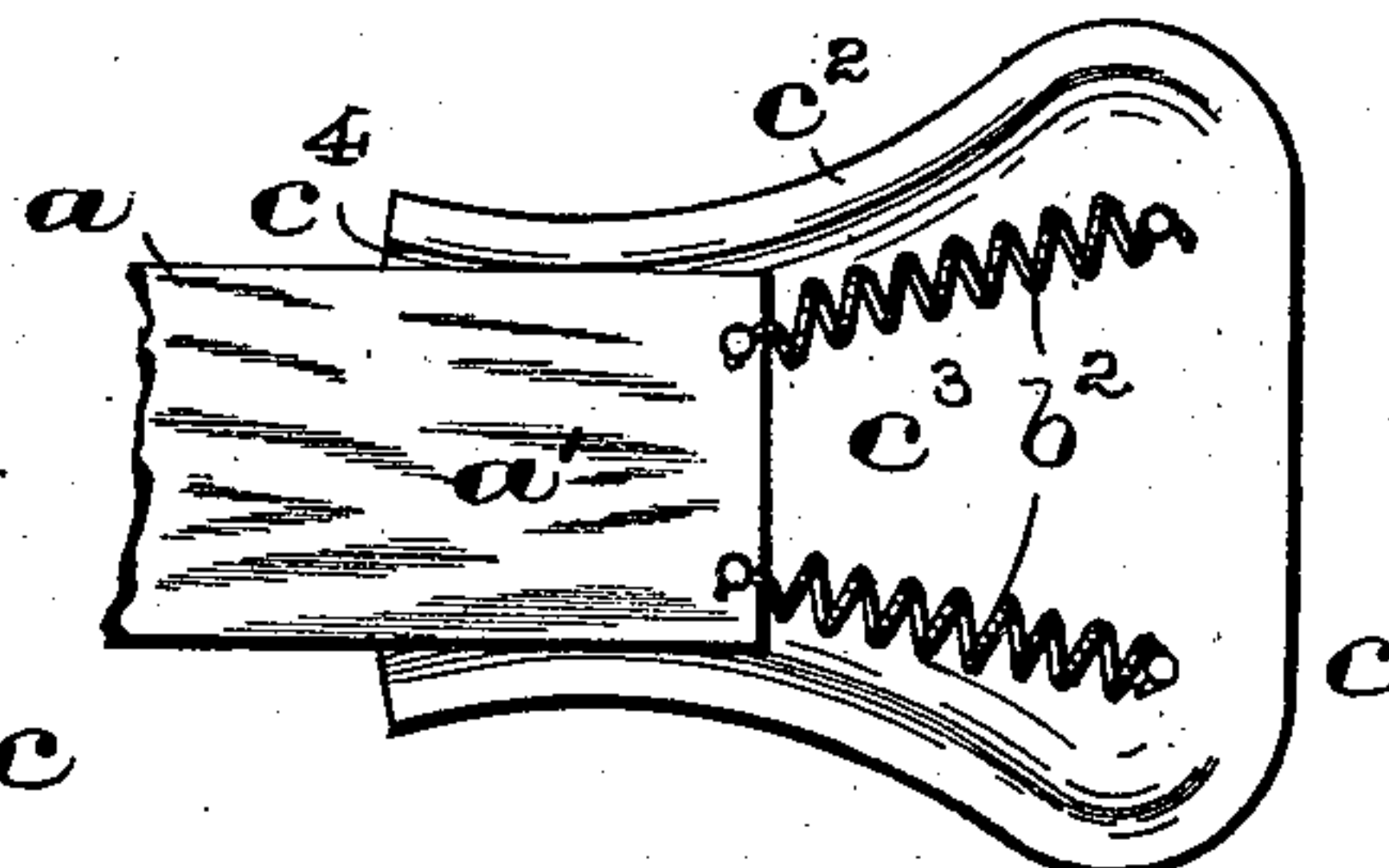


Fig. 5

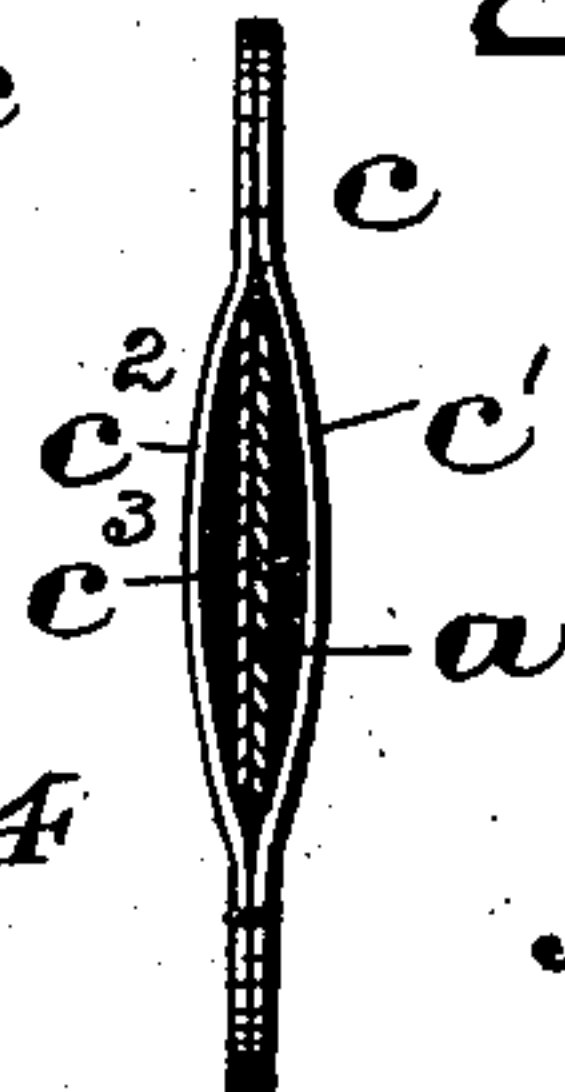


Fig. 4

WITNESSES:

Wm. H. Campfield, Jr.
B. Mortimer Trusdell.

INVENTOR:

Joseph Ross,

BY Fred C. Fraentzel, ATT'Y.

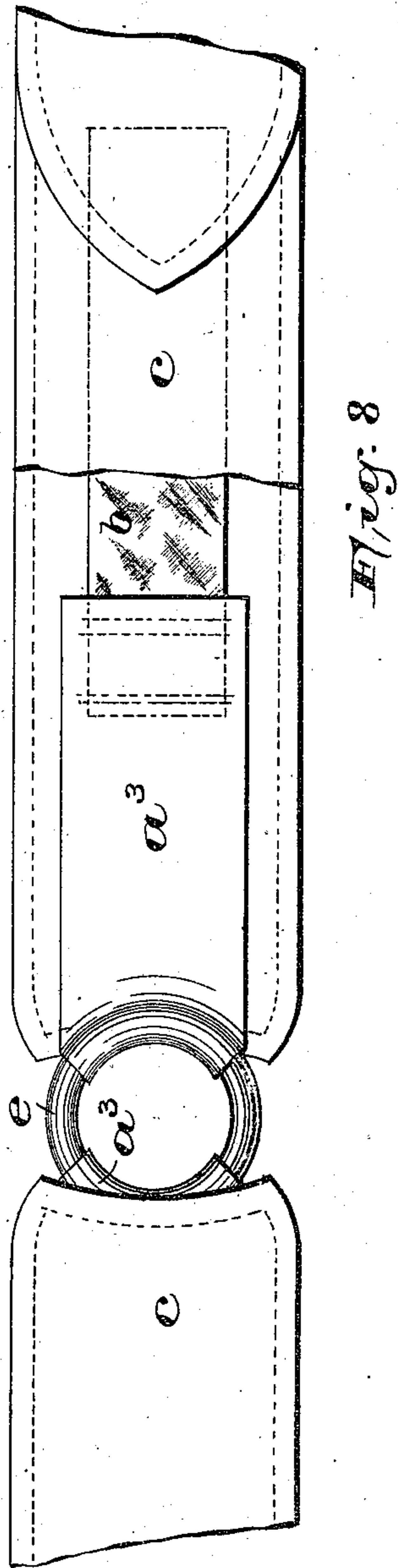
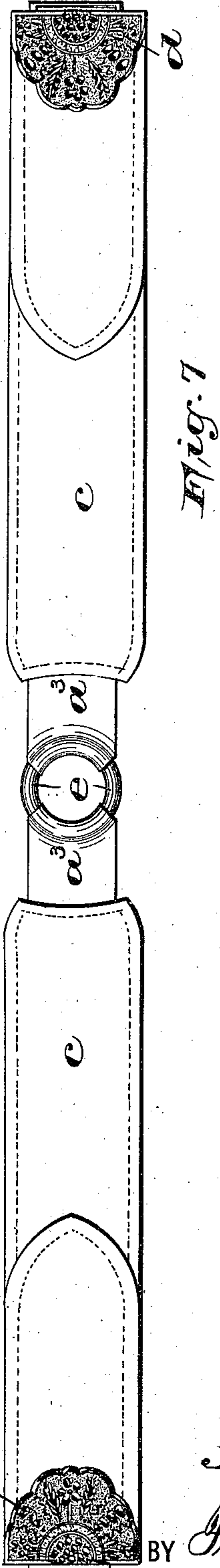
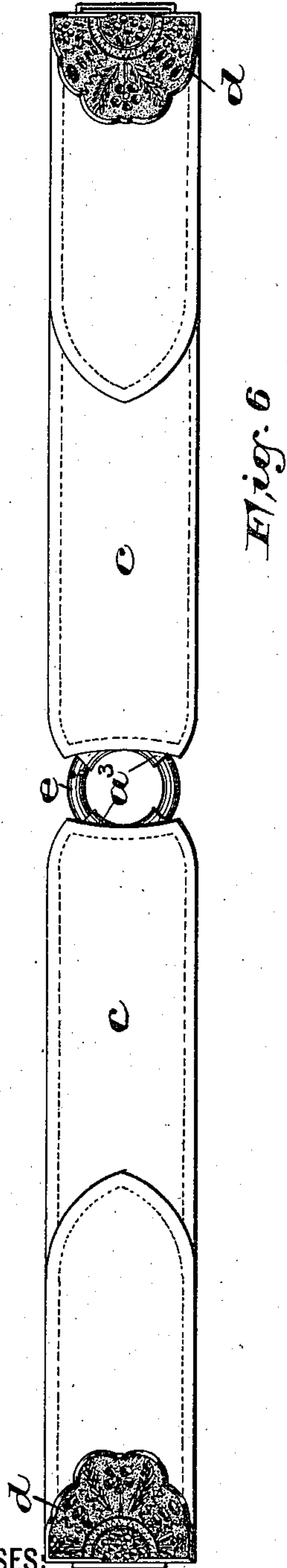
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UNITED STATES PATENT OFFICE.

JOSEPH ROSS, OF NEWARK, NEW JERSEY.

BELT.

SPECIFICATION forming part of Letters Patent No. 506,375, dated October 10, 1893.

Application filed November 12, 1892. Serial No. 451,725. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH ROSS, a subject of the Queen of Great Britain, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Belts, &c.; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to improvements in belts, garters, &c., and especially to that class of belts adapted for ladies' wear, and the invention therefore consists of a belt or other similar article of wear, comprising therein, the construction hereinafter described and particularly pointed out in the clauses of the claims.

In the accompanying sheet of drawings, in which similar letters of reference are employed to indicate corresponding parts, Figure 1 is a front view of my improved form of belt, and Fig. 2 is a horizontal section of the same, clearly illustrating the arrangement of the adjusting or sliding pieces and an elastic connection for connecting said pieces to the main belt portion. Fig. 3 is a side view of one end of the belt portion and the elastic connection for adjustably connecting the sliding piece to the end of the belt portion. Fig. 4 is a vertical cross section taken on line *x* in Fig. 1. Fig. 5 is a view similar to Fig. 3, showing a slightly modified form of elastic connection. On Sheet 2 of the drawings, Fig. 6 is a face view of a modified form of self-adjusting belt, embodying the features of my invention. Fig. 7 is a like view of this form of belt, illustrating the parts thereof in their self-adjusted or stretched position; and Fig. 8 is an enlarged detail view of part of, this belt, to more clearly illustrate the manner of connecting the parts of the belt by means of an elastic connecting piece.

The main object of my invention is to do away with the use of the buckle commonly employed for adjusting a belt about the waist, to produce a belt of a neat design, which is self adjusting and has the appearance of an ordinary belt, and one, which may be manu-

factured cheaply and will be durable when in use.

In said drawings herewith accompanying, *a* represents the main belt portion or non-elastic band, which may be made of any suitable material, such as leather, metal, &c., and may be provided with any design. To the ends *a'* of said main belt portion are secured by means of pins or rivets *a''*, or in any other well known manner, the elastic connections *b* of suitable elastic webbing, as illustrated in Figs. 2 and 3. The opposite and free ends of said webbing *b*, are attached by means of the pins *b'* to the sliding or adjusting pieces *c*. Said pieces *c*, as will be seen from Figs. 2 and 3, can be made of leather or of metal and may be of any configuration or outline. They are preferably made of two pieces *c'* and *c''*, (see Fig. 4) which when they are secured together, as shown, form a pocket or socket *c'''* provided with the mouth *c''''* in which the elastic band *b* and the ends *a'* of said non-elastic band on the main belt portion *a* are arranged in sliding arrangement thereto. Of course it will be evident that any suitable form of elastic connection may be used, and instead of the elastic webbing, ordinary springs *b''* may be employed, as clearly illustrated in Fig. 5. Said sliding pieces *c* are provided with a suitable clasp device *d* of any design.

In lieu of the construction of belt or garter, illustrated in Figs. 1, 2, 3, *et sequitur*, the belt may be constructed as illustrated in Figs. 6, 7 and 8. In this form of construction, the sliding pieces *c*, instead of being short, as shown in Fig. 1, are considerably longer. Said pieces are made pocket-shaped and have secured within the side pieces thereof an elastic connection *b* to which are attached the portions *a''*. The portions *a''* project slightly from the end of said sliding pieces *c* and may be connected with a suitable ring *e* or other ornamental device, substantially as shown in said Figs. 6, 7 and 8 or instead of such ornamental design *e* the same may be dispensed with and but one piece *a''* can be used, to the free ends of which the elastic connections *b* are attached, as will be clearly understood.

The devices herein described are applicable to various uses, such as belts, sleeve supporters or garters, its chief use, however, being that of a lady's belt.

The construction is very simple, it may be cheaply manufactured, and prevents any liability to tear a lady's dress. Of course it will be evident that various means may be used for attaching the elastic connections to the ends of the belt proper and to the sliding pieces, and said sliding pieces may be variously made, either in one or two pieces, when made of leather, or the parts can be struck up out of sheet metal, or said sliding pieces may be cast in metal. Hence, I do not intend to limit myself to any particular manner of attaching said elastic connections or to the particular construction of the adjusting or sliding pieces.

Having thus described my invention, what I claim is—

1. As an improved article of manufacture, the herein described belt comprising therein, a non-elastic belt portion, elastic connections secured to the free ends of said belt portion, and adjusting pieces formed like sockets in which the free ends of said elastic connections are secured, said adjusting pieces being made to embrace the ends of the main belt-portion and entirely covering and sliding over said elastic connections when stretched, and clasping devices secured to said adjusting pieces, substantially as and for the purposes set forth.

2. As an improved article of manufacture, the herein described belt comprising therein, a non-elastic belt portion, elastic connections secured to the free ends of said belt portion, and adjusting pieces *c*, consisting essentially of two pieces *c'* and *c''*, secured together, as set forth, and forming a pocket or socket *c'''* in which the free ends of said elastic connections are secured, said adjusting pieces being made to embrace the ends of the main belt

portion and entirely covering and sliding over said elastic connections when stretched, and clasping devices secured to said adjusting pieces, substantially as and for the purposes set forth.

3. The herein described belt comprising therein, a non-elastic belt portion, elastic connections at the ends of said main belt portion *a* and pins *a''* for securing said elastic connections thereto, and adjusting pieces *c*, consisting essentially of two pieces *c'* and *c''* secured together as set forth, and forming a pocket or socket *c'''*, pins *b'* for securing the opposite and free ends of said elastic connections within said adjusting pieces, said adjusting pieces thereby being made to embrace the ends of said main belt portion and entirely covering and sliding over said elastic connections when stretched, and clasping devices secured to said adjusting pieces, substantially as and for the purposes set forth.

4. As an improved article of manufacture, a belt comprising therein a non-elastic band, elastic connections secured to the free ends of said band and adjusting pieces formed like sockets in which the free ends of said elastic connections are secured, said adjusting pieces being made to embrace the ends of said non-elastic connections and entirely covering and sliding over said elastic connections when stretched, and means for securing the ends of said adjusting pieces together, substantially as and for the purposes set forth.

In testimony that I claim the invention set forth above I have hereunto set my hand this 28th day of October, 1892.

JOSEPH ROSS.

Witnesses:

ALFRED E. PILISON,
FREDK. C. FRAENTZEL.