

(No Model.)

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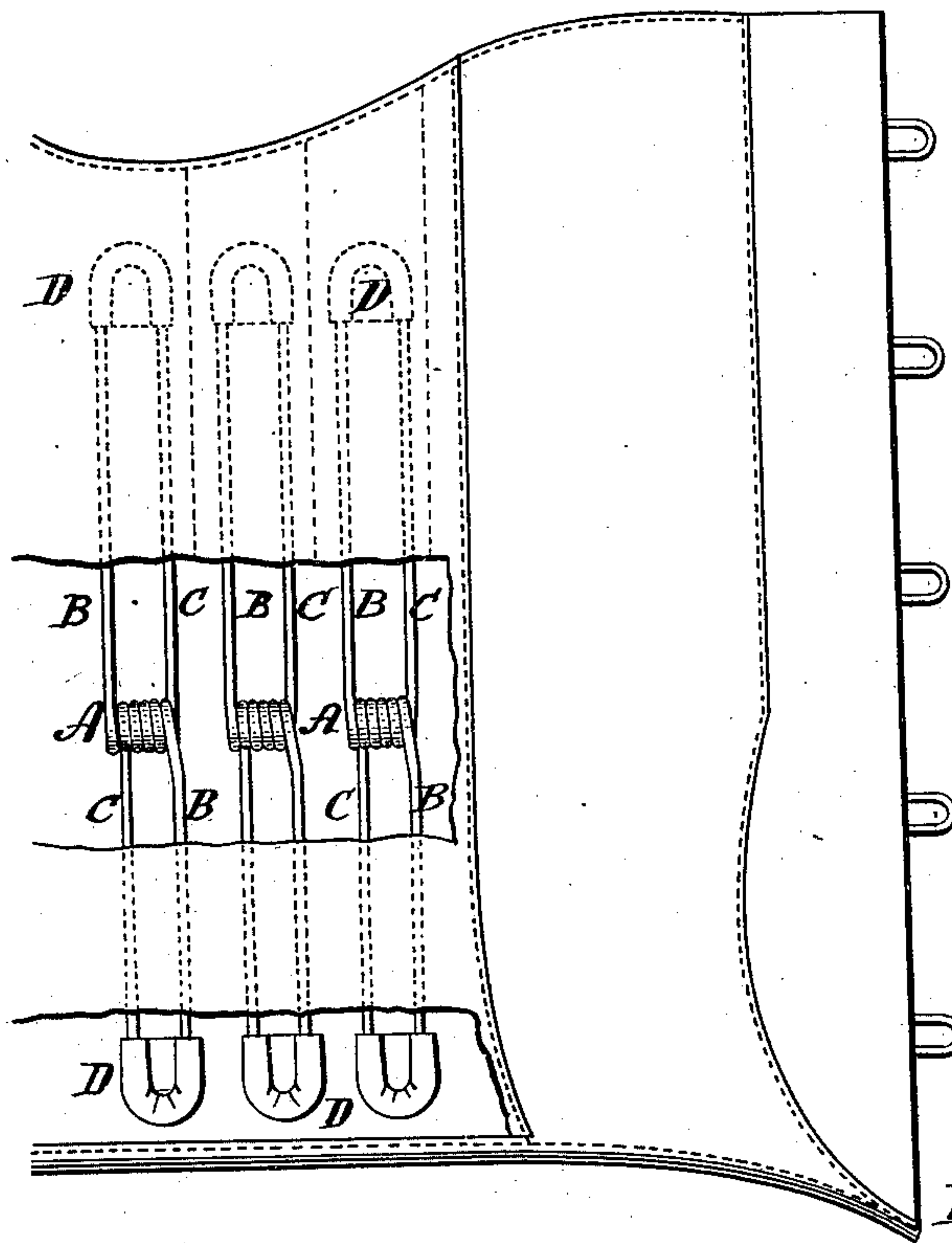
E. J. JONES.

CORSET STAY.

No. 376,035.

Patented Jan. 3, 1888.

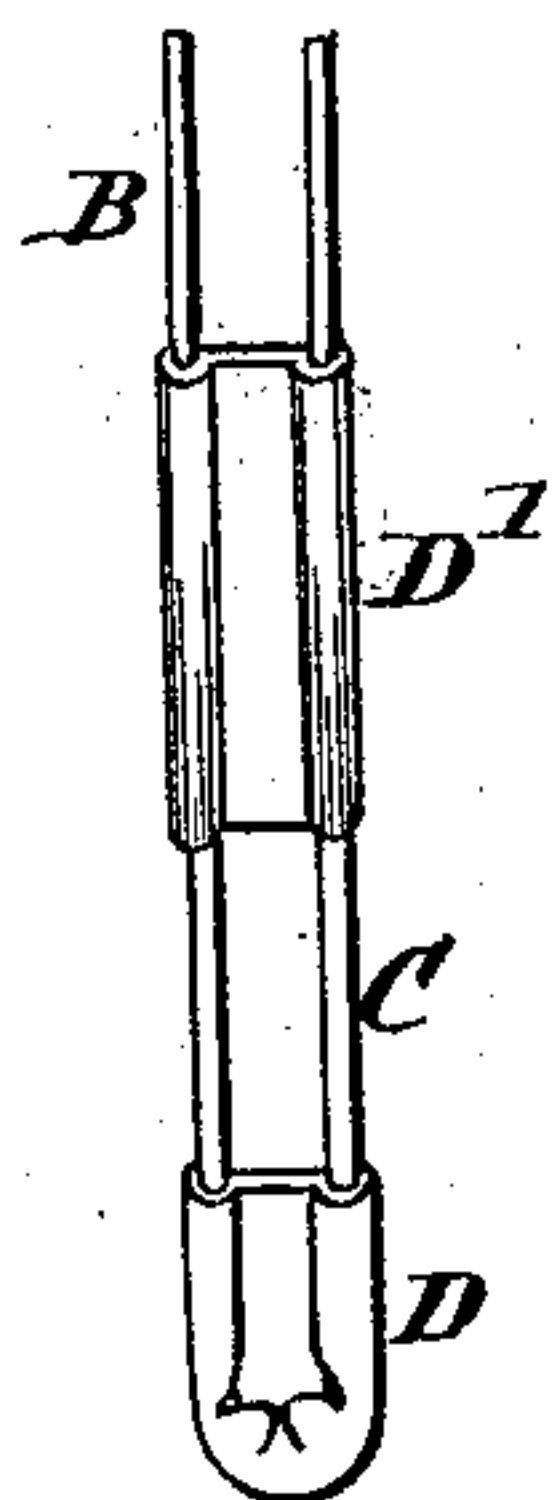
*Fig. 1.*



*Fig. 2.*



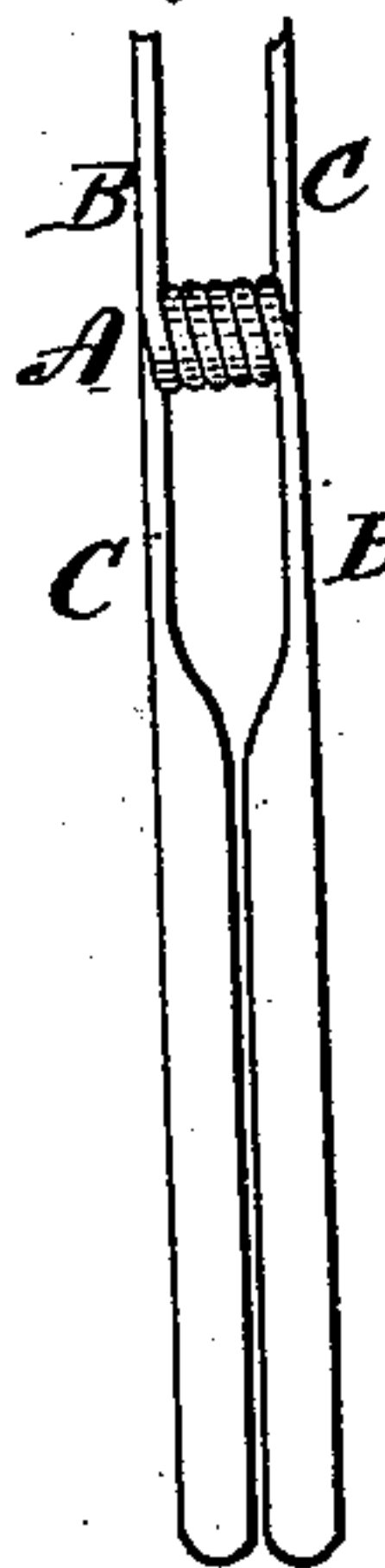
*Fig. 3.*



*Fig. 4.*



*Fig. 5.*



Witnesses,

Geo. W. Rea.

Robert Cornett.

Inventor,

Edward J. Jones.

By James L. Norris.

Att'y.

(No Model.)

2 Sheets—Sheet 2.

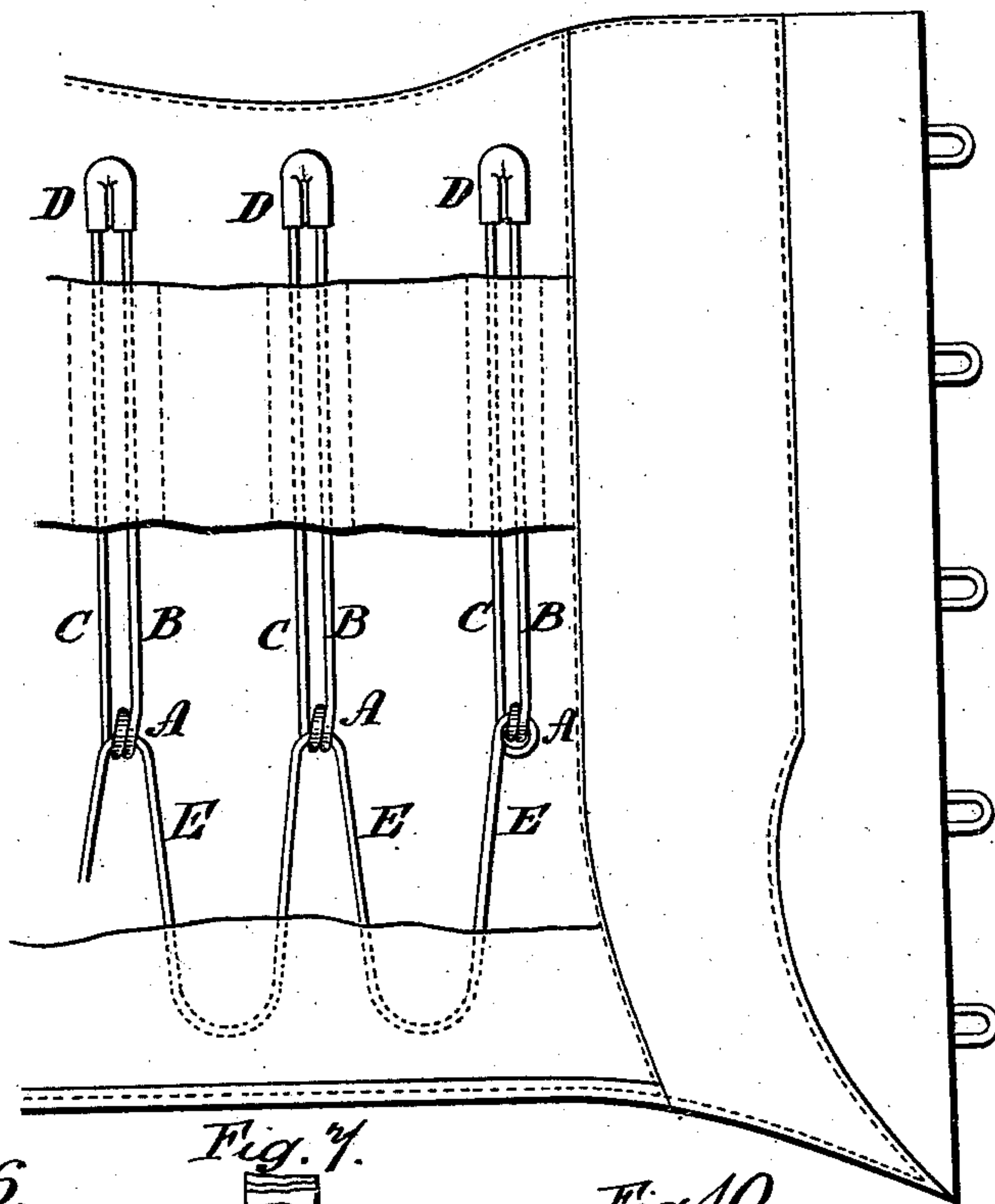
E. J. JONES.

CORSET STAY.

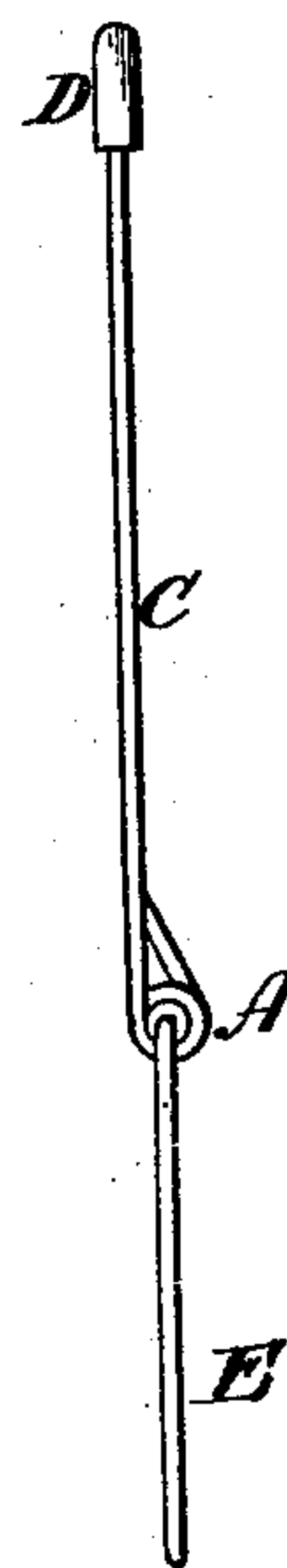
No. 376,035.

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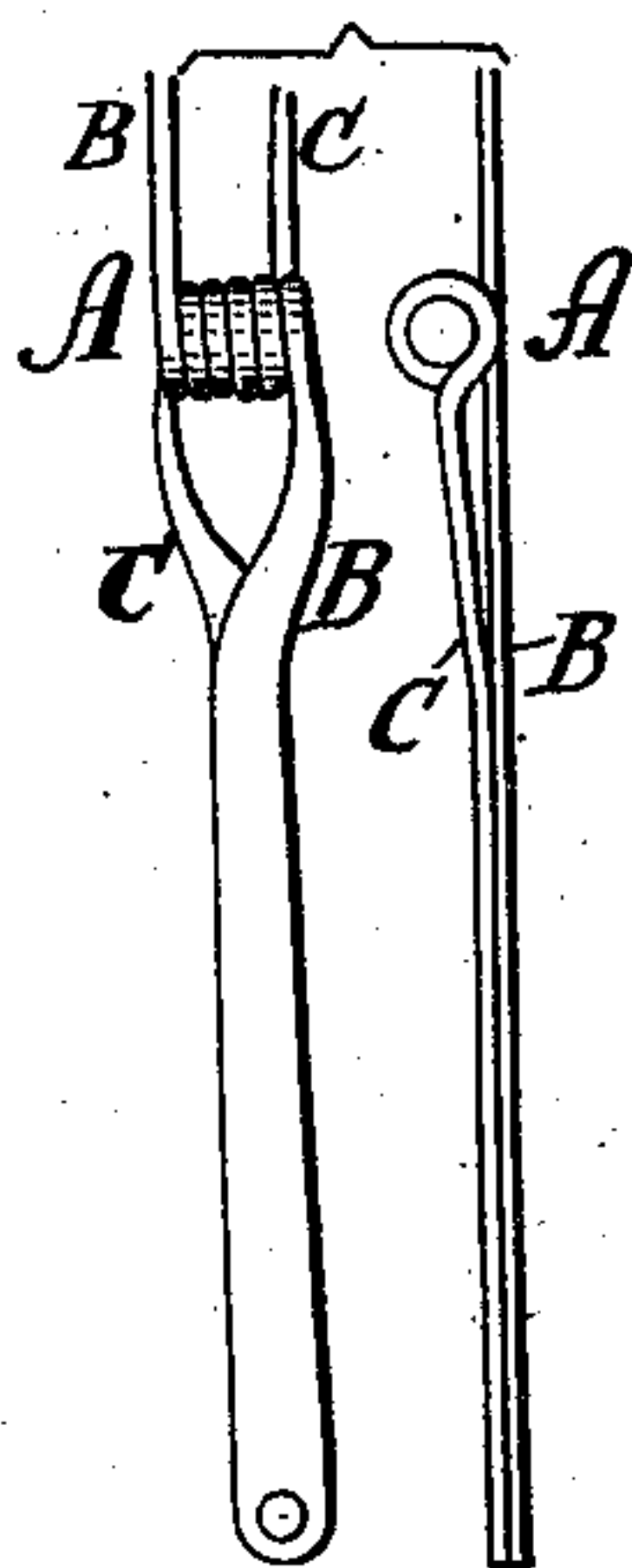
*Fig. 8.*



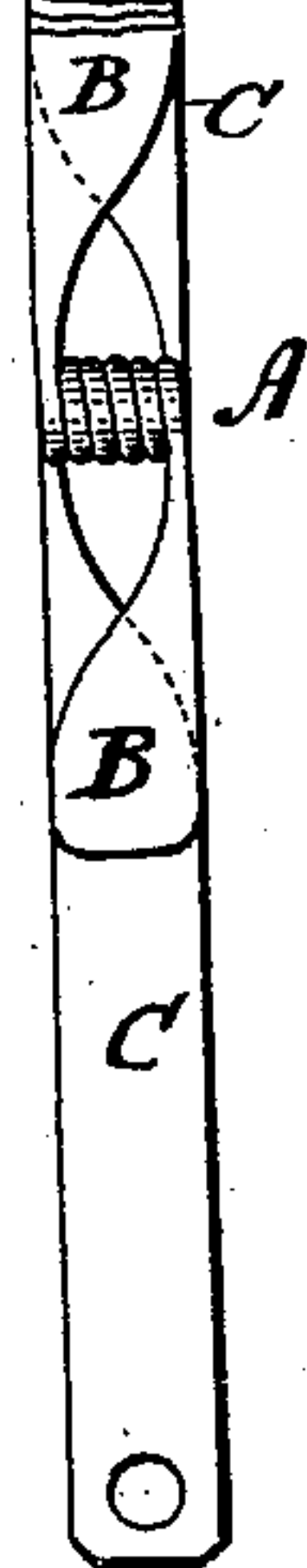
*Fig. 9.*



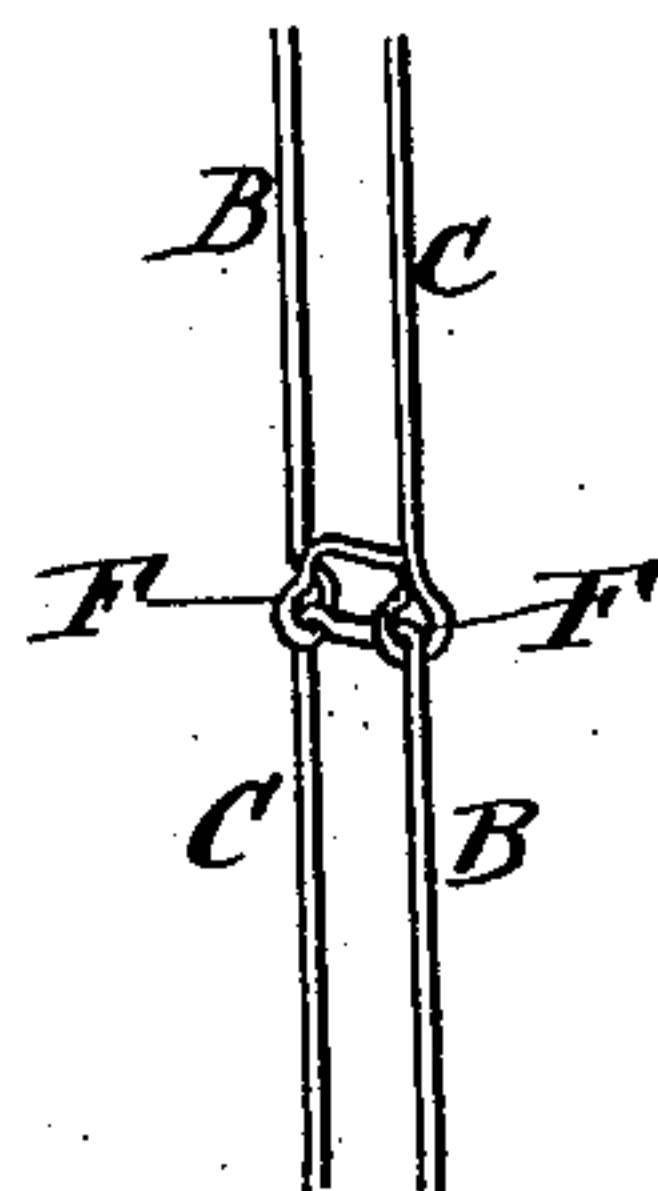
*Fig. 6.*



*Fig. 7.*



*Fig. 10.*



*Witnesses.*

*Geo. W. Rea*

*Albert Everett*

*Inventor.*

*Edward J. Jones.*

*By James L. Norris.*  
*Atty*



# UNITED STATES PATENT OFFICE.

EDWARD JAMES JONES, OF RICHMOND, COUNTY OF SURREY, ENGLAND.

## CORSET-STAY.

SPECIFICATION forming part of Letters Patent No. 376,035, dated January 3, 1888.

Application filed October 10, 1887. Serial No. 251,951. (No model.) Patented in England March 19, 1886, No. 3,889, and May 17, 1886, No. 6,578.

*To all whom it may concern:*

Be it known that I, EDWARD JAMES JONES, a subject of the Queen of Great Britain, residing at Portland Villas, Richmond, in the county of Surrey, England, have invented new and useful side strips or frames with horizontal hinge-like action for stays and corsets, (for which I have obtained patents in Great Britain, No. 3,889, dated March 19, 1886, and No. 6,578, dated May 17, 1886,) of which the following is a specification.

This invention relates to stays for corsets, and has for its object to provide a corset-stay hinged at or about its center, whereby the corset is rendered more flexible and comfortable to the wearer and liability of the breakage of the stay obviated; and to this end my invention consists in a corset-stay constructed and arranged substantially in the manner hereinafter described, and then specifically pointed out in the claim, due reference being had to the accompanying drawings, forming a part of this specification, wherein—

Figure 1 is a view showing a portion of one-half of a corset provided with stays made in accordance with my invention; Fig. 2, a side view of one of the stays detached from the corset; Figs. 3, 4, 5, 6, and 7, detail views of modified forms of my improved stay; Fig. 8, a view of a portion of one-half of a corset provided with a modified form of stay; Fig. 9, a side view of the stay shown in Fig. 8, and Fig. 10 a further modification of my improved stay.

In carrying out my invention I take two strips of wire and twist them together side by side at their centers to form a horizontal spiral, A, the two pieces of wire being thus loosely interlocked, forming a species of hinge. The terminals of the wire are then bent in opposite directions at right angles to the horizontal spiral till the ends B C lie parallel to each other. The ends of the terminals B C are next secured in metallic caps or pockets D, which are constructed and applied in the manner well known in articles of this nature; or the ends of the terminals may be soldered or otherwise fastened together in any well-known manner.

In some cases it may be deemed advisable to employ means for preventing the wires B C from separating or spreading, and in this event I employ a clasp, D', Fig. 3, consisting of a

piece of sheet metal having its edges bent over and around the wires B C, thus preserving the wires in parallelism and preventing them from spreading or approaching each other. This clasp may be made in one piece with the metallic cap or pocket D, if desired, as is clearly shown in Fig. 4, and in this case the stays would have greater stiffness; or, where great stiffness in the stays is required, the ends of the stays may be made flat, as shown in Fig. 5, and by bending said flat ends one over the other, as shown in Figs. 6 and 7, a still stiffer stay is provided.

When the wires B C are made flat, they may, if desired, be perforated in order to permit of the stay being sewed or eyeleted to the corset. Either of the stays above described is adapted to be slipped into pockets formed in the corset in the usual and well-known manner, as shown in Fig. 1; or they may be sewed or otherwise secured to the corset.

In Figs. 8 and 9 I have illustrated another method of forming the stays. In this method I take a suitable length of wire and bend it at its center to form one or more spiral loops, A, and then bend the ends B C of the wires parallel to each other and suitably secure together the ends, as before described. Another piece of wire, E, is then passed through the loops A and bent between the loops A to form U-shaped loops that are designed to reach substantially to the bottom of the corset. This same method of forming the hinge at the center of the stay may manifestly be employed in the different forms of stays I have above described—that is to say, instead of twisting the wires together to form the horizontal spirals only one of the wires may be so twisted, as shown in Figs. 8 and 9, and the other wire simply passed through the loops or spiral and the ends thereof then bent parallel to one another and secured, as before described.

In addition to the above-described methods of forming the hinge in the stays, I employ still another method. In this last-mentioned method a piece of wire is first bent into U shape, and the lower portion is then bent over and back upon itself to form two eyes or loops, F F. A wire is then passed through the eyes or loops F F and bent downwardly upon each side of said eyes or loops till the ends of the

wire are parallel and are secured together in the manner before described.

In all of the different forms of stays above described there is a hinge formed at or about the center of each, and when the stays are applied to a corset they will readily yield to the different strains they are subjected to in use without liability of fracture and will form a comfortable and durable corset.

10 Having thus described my invention, what I claim is—

A stay for corsets, consisting of two U-shaped wires, one of said U-shaped wires having a spiral twist at its closed extremity and the other

U-shaped wire loosely engaging said spiral twist at the said extremity to form a loose hinge, substantially as shown and described. 15

In witness whereof I have hereto signed my name in the presence of two subscribing witnesses.

EDWARD JAMES JONES.

Witnesses:

ROLAND DAWSON BLOOMFIELD,  
*Notary's Clerk,*

TOBIAS GAINSFORD RIDGWAY,  
*Notary Public,*

*Both of 19 Change Alley, London, E. C.*