

No. 756,005.

PATENTED MAR. 29, 1904.

E. R. DRAKE.
SUSPENSORY BANDAGE.
APPLICATION FILED JULY 7, 1903.

NO MODEL.

Fig. 1.

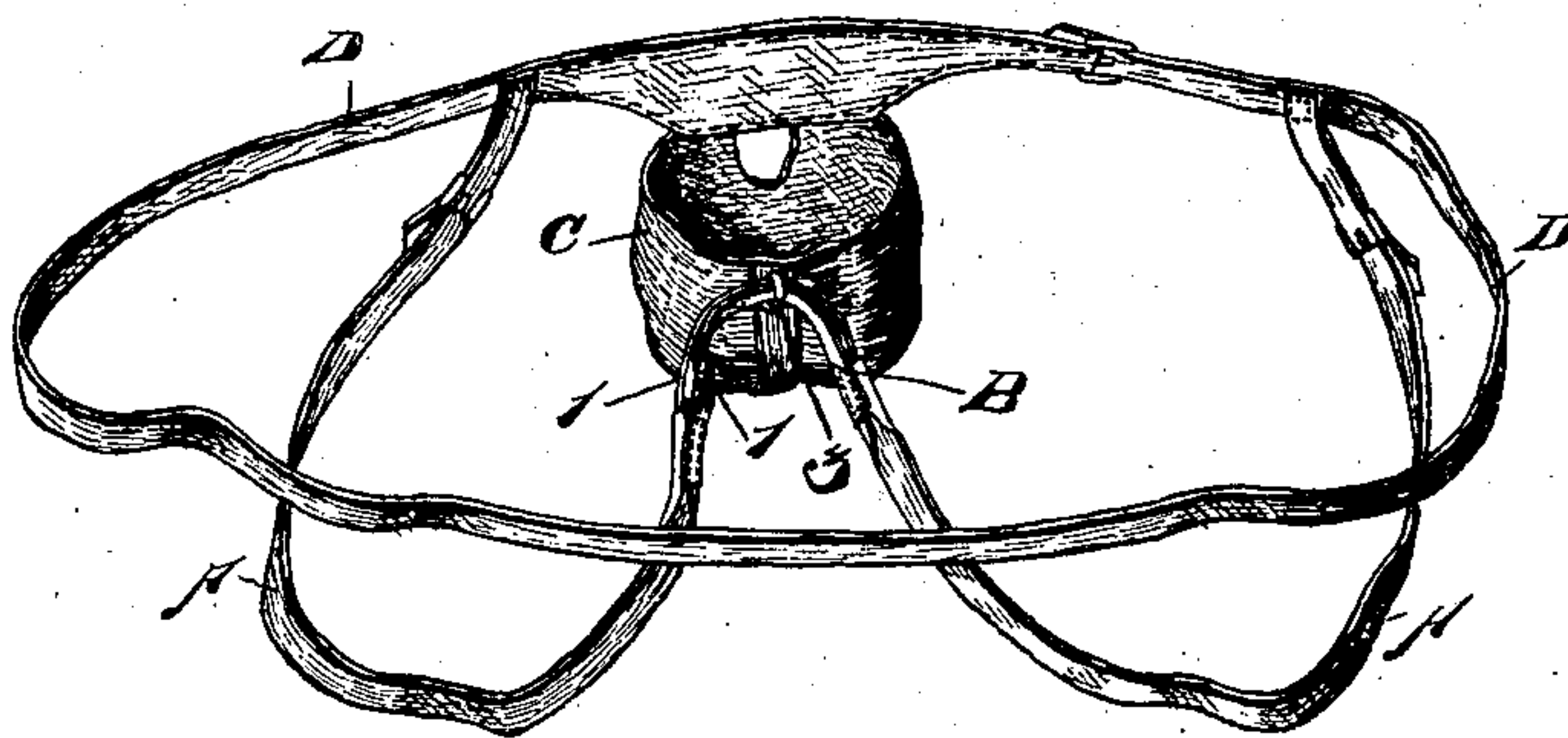


Fig. 2.

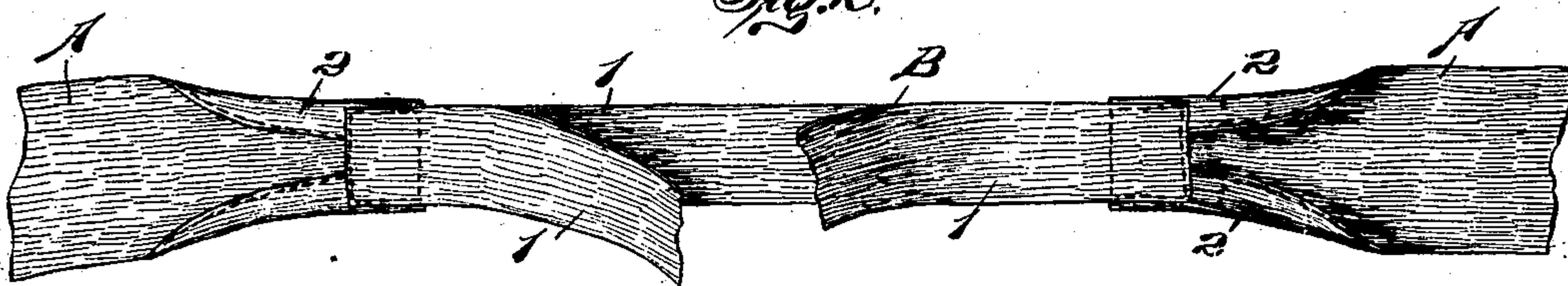


Fig. 3.

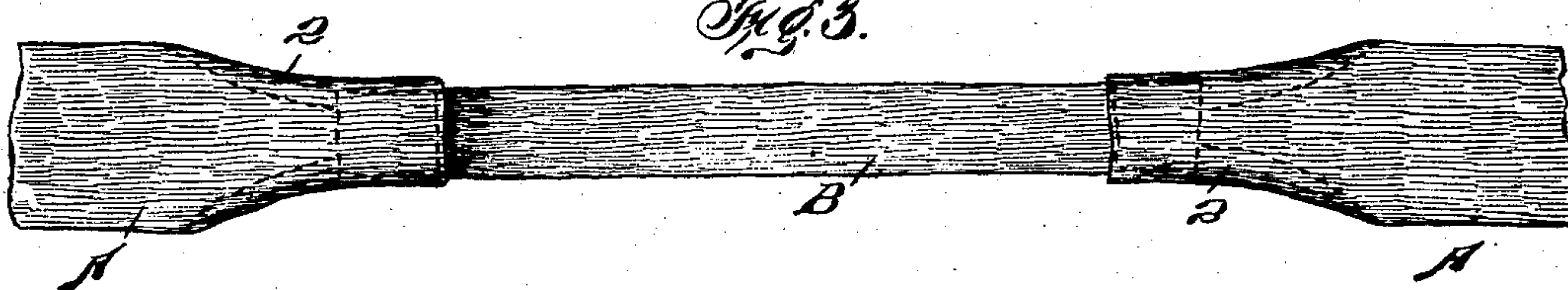
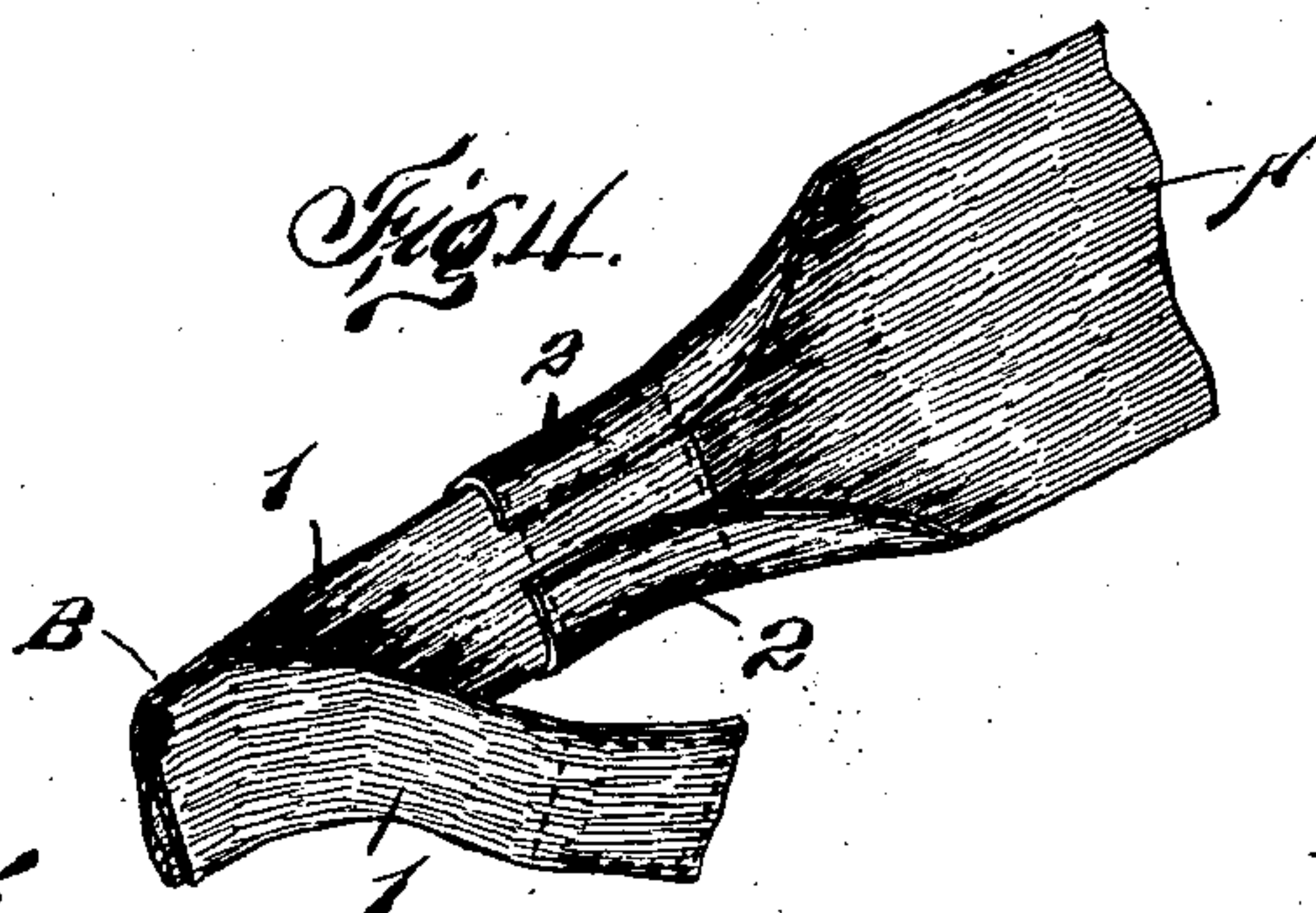


Fig. 4.



WITNESSES:

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SUSPENSORY BANDAGE.

SPECIFICATION forming part of Letters Patent No. 756,005, dated March 29, 1904.

Application filed July 7, 1903. Serial No. 164,504. (No model.)

To all whom it may concern:

Be it known that I, EDWIN R. DRAKE, a citizen of the United States, residing at De Land, in the county of Volusia and State of Florida, have invented a new and useful Improvement in Suspensory Bandages, of which the following is a specification.

My present invention is an improvement in that class of suspensory bandages in which an elastic leg-band is employed, the same being connected with the scrotal bag and also with the body-band.

The details of construction, arrangement, and operation of parts are as hereinafter described.

In the accompanying drawings, Figure 1 is a perspective view of a suspensory bandage embodying my invention. Fig. 2 is a face view of the central portion of the leg-band, a part of the elastic piece being broken away. Fig. 3 is a face view of the reverse side of the elastic side of the elastic piece and the adjacent ends of the inelastic pieces. Fig. 4 is a detail perspective view illustrating the connection between the elastic and inelastic pieces.

The leg band or strap is composed of two relatively broad inelastic end pieces A and an interposed narrow and elastic middle piece B, which is formed of two elastic tapes 1 1 of like length, width, and strength. The said tapes 1 1 are separated throughout their length save at the ends, which are stitched together and to the narrowed ends of the broader inelastic pieces A—that is to say, the sides 2 of the ends of the inelastic pieces are turned inward over one of the elastic tapes 1, as shown in Fig. 4, and then the end of the other elastic piece 1 is laid upon and sewed to the inturned side edges 2 of the inelastic pieces B, as shown in Fig. 2, whereby a strong and durable connection is formed. The parallel elastic pieces 1 1 are passed through and work—i. e., slide—in a ring 3, secured to the edge of the scrotal bag C, as shown in Fig. 1. These inelastic pieces A are attached to the body-band D by buckles or other means that adapt them to be detached for the purpose hereinafter stated.

Experience demonstrates that two thin bands of elastic 1 1, connected to one-inch-wide webbing or inelastic pieces are more elastic and much more durable than a single elastic of equal thickness and much stronger than a narrower webbing would be. When the inner band or tape becomes worn and frayed to any considerable degree by friction with the ring 3, the band may be turned so as to bring it on the outer side and place the least worn tape in contact with the ring. The detachable connection of the pieces A with the body-band D enables such turning or reversal of the leg-band to be effected. By arranging the pieces 1 1 in the center of the leg-band the latter is rendered elastic at that point where the strain is greatest and the change of strain almost constant. The width of the broad pieces A prevents the band turning as a whole and also aids in preventing the elastic B from turning in the ring 3.

Having thus described my invention, what I claim is—

1. The improved suspensory bandage comprising a body-band, a scrotal bag provided with a ring arranged on the inner side, and the leg-band composed of two broad inelastic end pieces detachably secured to said body-band and the narrower central elastic portion formed of two independent and separate elastic pieces, the same passing through the aforesaid ring and adapted for reversal to change the wear side, as shown and described.

2. In a suspensory bandage, the improved leg-band composed of the central elastic portion formed of two independent elastic tapes, and two broad inelastic end pieces, the latter being folded laterally inward and thus tapered at their inner ends and overlapping one of the tapes, the other tape being lapped and secured upon such folded edges, as shown and described.

EDWIN R. DRAKE.

Witnesses:

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