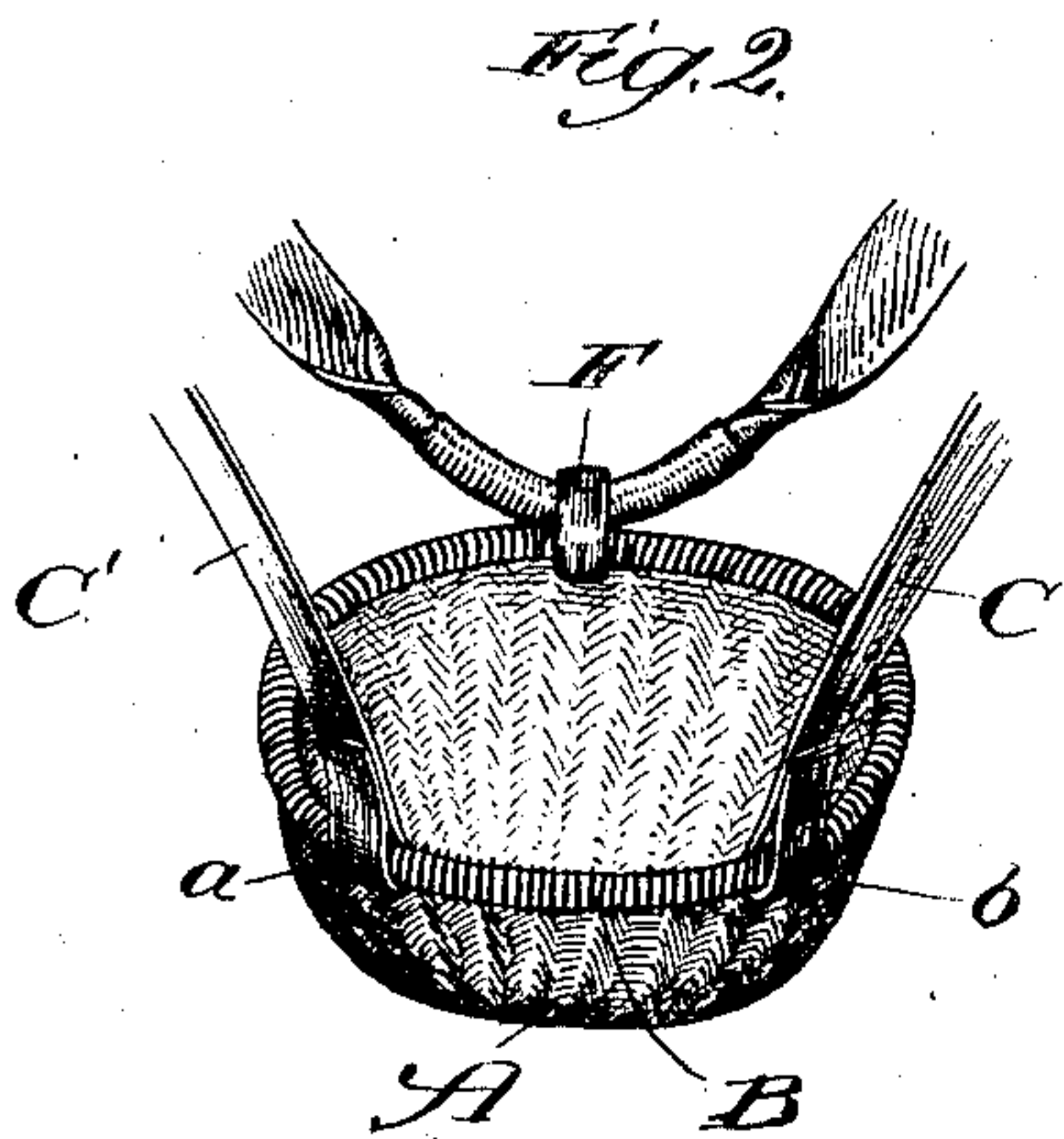
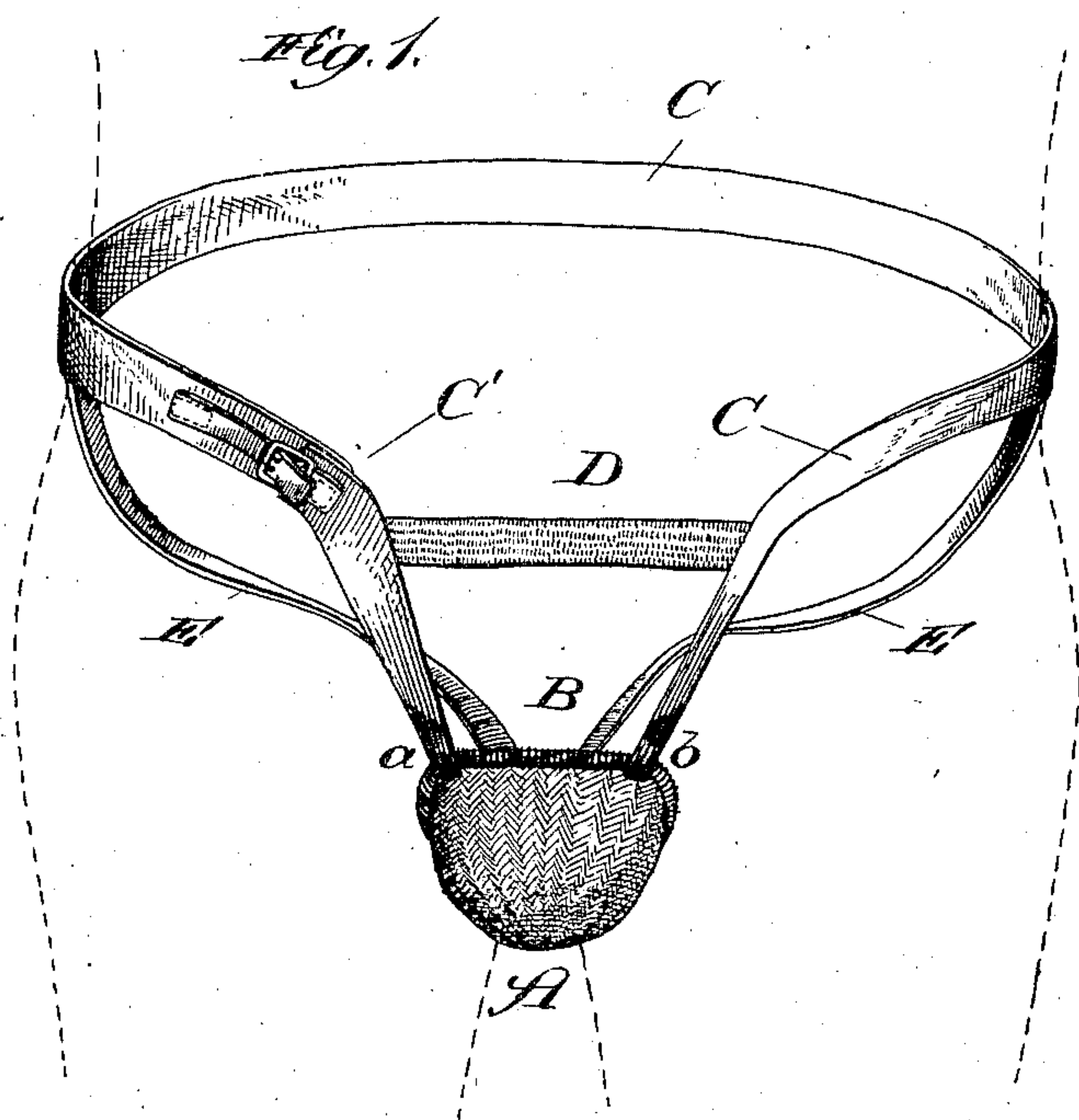


(No Model.)

A. DENT.
SUSPENSORY BANDAGE.

No. 436,518.

Patented Sept. 16, 1890.



Witnesses:
Edw. Chafford,
Clifford & White.

Inventor:
Alfred Dent,
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Attys.

UNITED STATES PATENT OFFICE.

ALFRED DENT, OF LEMARS, IOWA.

SUSPENSORY BANDAGE.

SPECIFICATION forming part of Letters Patent No. 436,518, dated September 16, 1890.

Application filed February 8, 1890. Serial No. 339,836. (No model.)

To all whom it may concern:

Be it known that I, ALFRED DENT, a citizen of the United States, residing at Lemars, in the county of Plymouth, Iowa, have invented a new and useful Improvement in Suspensories, of which the following is a specification.

The object of my invention is to construct a suspensory adapted to press against the neck of the scrotum to prevent the flow of blood into the veins thereof.

In the drawings, Figure 1 is a perspective view of my improvement applied, and Fig. 2 a perspective view of the bag and means for supporting the same.

A is the bag; B, an elastic ring; C C', bands encircling the waist and connected with the bag A; D, a band connecting the bands C C', and E a supporting-band attached at its ends to the band C and connected with the bag A. The bag A is preferably knitted or woven of any suitable size, and is attached in any suitable manner to a rubber or elastic ring B. This ring is made of somewhat heavy material and of proper size to encircle the neck of the scrotum. To support this bag in place, I provide the straps or bands C, C', and E. The straps C C' are fastened, as shown, to the front of the ring B and, passing up over the hips around the waist, are buckled or otherwise secured together. To prevent the straps from being pulled over the hips, I prefer to provide an elastic strap D, as shown. The strap E is preferably made of some elastic material and is connected to the bag by means of a loop F, as shown in Fig. 2, the strap being preferably covered with leather to allow it to slide freely back and forth in the loop. The strap or band E is passed through this loop and its ends are then attached to the band C.

In applying the device the left leg is passed between the bands C and E, both portions of the band E being at the back of the person wearing the device. The strap C is then brought around the waist and buckled to the

strap C', which passes upward along the right groin. The parts are then in the position shown in Fig. 1, with the strap C passing up the left groin around the waist and fastened to the strap C' over the right groin, the band D crossing the abdomen just above the scrotum, and the strap E passing from the bag backward between the limbs to the strap C. Now when the straps C C' are buckled tightly it will be evident that the bag will be subjected to an upward and sidewise pull by means of such straps. This will be resisted by the elastic strap E, which will tend to pull the bag backward between the limbs. From these contrary strains that part of the ring B between the straps C C' (marked *a b* in the drawings) will be straightened out and pressed forcibly against the neck of the scrotum, thus stopping the flow of blood into the affected veins wholly or in part. By this means they are reduced to the normal size and retained in that condition. The bag A lifts the veins up toward the abdomen, and the ring B cuts across the neck of the scrotum, stopping the flow of blood, as above stated. Thus the supporting-bag and rubber ring act together. This method results in the cure of varicocele without rendering an operation necessary.

I claim—

In a suspensory, the combination of a bag A, for supporting the scrotum, an elastic ring B, secured to the circular edge of the bag, straps C C', attached to the front of the bag, and an elastic strap E, connected to the bag through the loop F on its rear edge and passing backward and upward between the thighs and attached to the straps C C', whereby the elastic ring B is drawn forcibly backward and pressed against the front of the neck of the scrotum, cutting off the flow of blood into the veins, substantially as described.

ALFRED DENT.

Witnesses:

GEORGE S. PAYSON,
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