

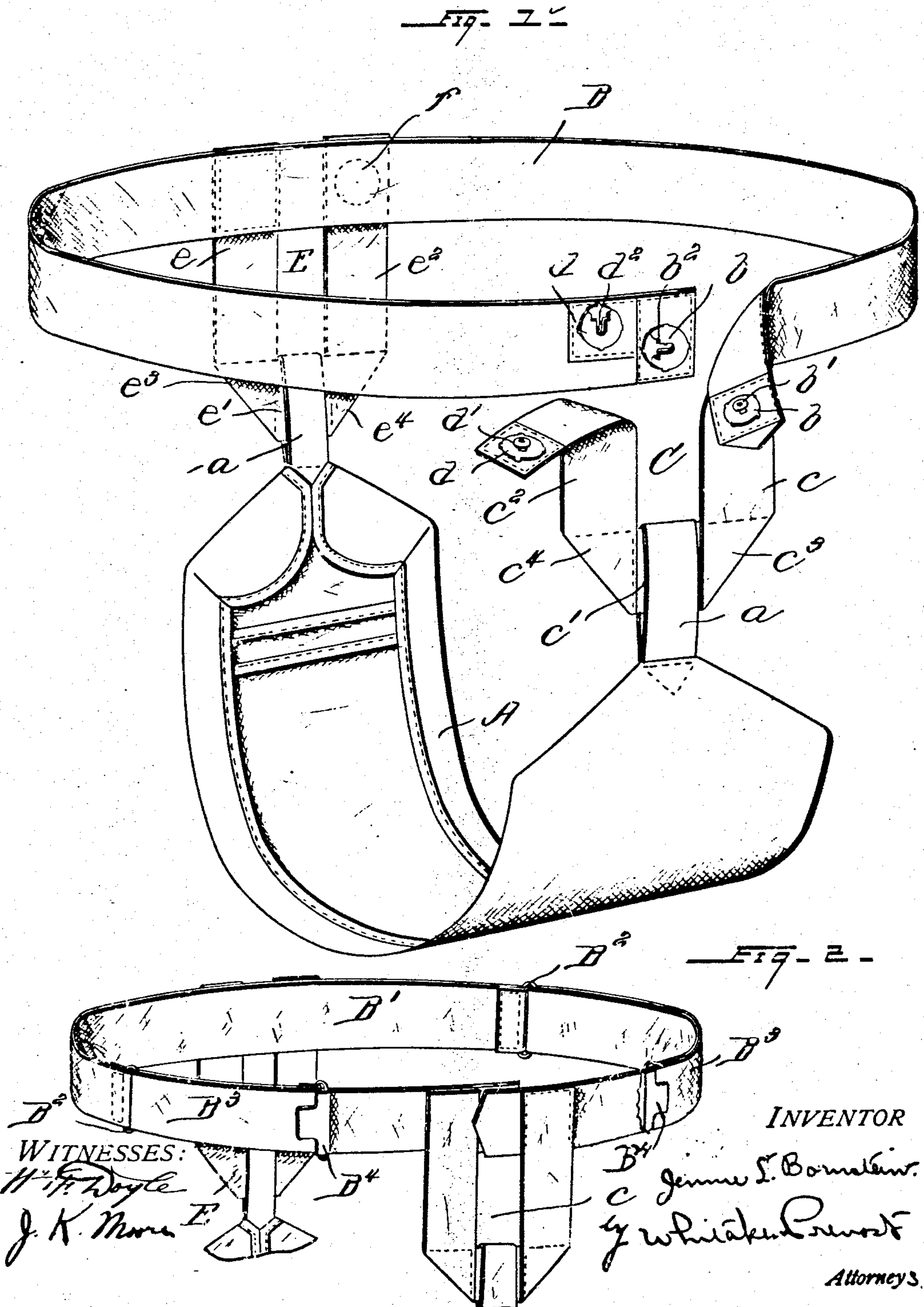
No. 828,809.

PATENTED AUG. 14, 1906.

J. L. BORNSTEIN.

BELT ATTACHMENT FOR SANITARY SUPPORTS.

APPLICATION FILED OCT. 28, 1905.





# UNITED STATES PATENT OFFICE.

JENNIE L. BORNSTEIN, OF DAYTON, OHIO.

## BELT ATTACHMENT FOR SANITARY SUPPORTS.

No. 828,809.

Specification of Letters Patent.

Patented Aug. 14, 1906.

Application filed October 28, 1905. Serial No. 284,807.

*To all whom it may concern:*

Be it known that I, JENNIE L. BORNSTEIN, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Belt Attachments for Sanitary Supports; 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.

The object of my invention is to provide a supporting-belt for the improved sanitary support covered by Letters Patent of the United States No. 574,378, granted to me January 5, 1897; and my invention consists in the novel features hereinafter described, reference being had to the accompanying drawings, which illustrate one form in which I contemplate embodying it, and said invention is fully disclosed in the following description and claims.

Referring to the said drawings, Figure 1 represents a perspective view of my improved belt or support, showing it in connection with one of the sanitary supports covered by my former patent. Fig. 2 is a similar view drawn to a smaller scale, showing a slight modification of the belt construction, the sanitary support being broken away.

In the drawings, A represents my improved sanitary support, covered by my former patent and provided at each end with an attaching-loop *a*. The construction of the support is fully disclosed in the patent referred to, and as its detailed construction forms no part of the present invention it will not be further described herein.

B represents the belt proper of my improved belt or support which consists of a band of tape or other material, the ends of which are provided with a suitable catch to enable it to be quickly secured. In the present instance I have shown the ends provided with the two-part locking-catch *b b* of well-known construction; but other means for securing the ends together may be employed. I prefer, however, to employ a catch in which the tension of the belt serves to draw the parts more firmly together, as in the present case, in which one part *b* is provided with a stud *b'*, which is drawn into a horizontally-disposed notch *b<sup>2</sup>*, provided in the other part. The meeting ends of the belt are preferably located at the front for convenience in fasten-

ing and unfastening the belt, and at the front of the belt I provide a downwardly-extending yoke C for attachment to one of the loops *a* of the support A. This yoke consists of a piece of tape having the downwardly-extending portion *c*, the upper end of which is permanently secured to the belt B, near one end of the same. The tape forming the yoke C is folded diagonally at the lower end of the depending portion *c*, as shown at *c<sup>3</sup>*, and stitched or otherwise secured, and then extends horizontally, as at *c'*. The tape is then again folded diagonally, as at *c<sup>4</sup>*, and stitched or otherwise secured, and it then extends upwardly, as at *c<sup>2</sup>*, the upper end of the portion *c<sup>2</sup>* (which I term the "detachable" portion of the yoke) being provided with one part *d* of a catch *d d*, similar to the catch *b b*, the other part *d* being secured to the end of the belt opposite to the end to which the yoke-piece *c* is permanently attached. In this instance the slotted plate *d* of the fastening is attached to the belt B, with the slot *d<sup>2</sup>* in a vertical position to receive the stud *d'* on the other part of the catch, so that the downward pull on the yoke will tend to draw the stud *d'* more firmly into the slot *d<sup>2</sup>*. It will thus be seen that one end of the yoke C is permanently attached to one end of the belt and the other end of the yoke is detachably connected with the other end of the belt. The middle portion of the belt (which comes at the back of the wearer) is provided with a similar yoke E, made in the same form as the yoke C, and consists of the vertical portion *e*, permanently secured to the belt B, the horizontal portion *e'*, which engages a loop *a* of the support A, and the detachable vertical portion *e<sup>2</sup>*, the horizontal portion *e'* being formed by folding the tape diagonally, as shown at *e<sup>3</sup> e<sup>4</sup>*, and stitching or otherwise securing the folded portions. The upper end of the detachable portion is provided with one part of a two-part catch *f*, similar to the catches *b b* and *d d*, the other part of the catch being secured to the belt B.

It will be observed that the construction is such that when the belt is secured around the waist of the wearer either of the yokes C or E may be opened by detaching the detachable portion or member thereof for the purpose of attaching or detaching the sanitary support A without interfering with the fastening or catch of the belt. It is also apparent that the belt-fastening may be loosened and the belt removed from the body without detach-



ing it from the sanitary supporter and without disturbing the yokes which engage the sanitary support.

The belt B may be made up in different sizes to fit persons having different waist-measures, and such a belt is illustrated in Fig. 1. I contemplate, however, providing the belt with suitable means for adjustment, and to do this properly the belt should be provided with an adjusting device at each side, so that the positions of the front and rear yokes will not be disturbed.

In Fig. 2 I have shown my improved belt or supporting device with the belt proper provided with an adjusting device at each side. In this figure, B' represents the belt proper and is made in three parts. The back part is provided at each end with a metal loop B<sup>2</sup>, through which is passed a loop of one of the front portions B<sup>3</sup> B<sup>3</sup>, each of which is provided with an adjustable clamping-plate or slide B<sup>4</sup> of well-known construction, so that the front portions may be taken up or extended equally until a perfect fit of the belt is secured, thereby keeping the yokes (indicated at C' and E') in the center of the front and rear of the belt, respectively.

What I claim, and desire to secure by Letters Patent, is—

1. A supporting-belt for a sanitary support comprising among its members a belt proper provided at the front with a detachable fastening device, a depending yoke at the back of the belt proper having one vertical member permanently attached thereto, and the other member detachably connected to said belt and a horizontal member connecting the lower ends of said vertical members, and a similar depending yoke provided at the front of the belt adjacent to said fastening and having one of its vertical members connected permanently to the belt proper on one side of said fastening and the other

vertical member detachably connected to said belt on the other side of said fastening substantially as described.

2. A supporting-belt for a sanitary support comprising among its members a belt proper provided at the front with a detachable fastening device, a depending yoke at the back portion of the belt proper consisting of an integral piece and comprising two vertical portions and a horizontal portion folded diagonally upon said vertical portions and attached thereto, one of said vertical portions being permanently attached to the belt proper, and the other vertical portion being detachably connected therewith, said belt proper being also provided at its front with a similar yoke, one of the vertical portions of the yoke being permanently connected to the belt proper on one side of the fastening of the belt, and the other vertical portion being connected detachably to the belt proper on the other side of said fastening, substantially as described.

3. A supporting-belt for a sanitary support comprising among its members a belt proper provided at the front with a detachable fastening device, and a depending yoke and having a similar depending yoke at the rear of the belt, each of said yokes having one member permanently attached to the belt and the other member detachably connected thereto, said belt proper being provided at each side with an adjusting device for varying the length of the belt, without disturbing the relative positions of the said yokes, substantially as described.

In testimony whereof I affix my signature in the presence of two witnesses.

JENNIE L. BORNSTEIN.

Witnesses:

CARL F. SHULER,  
CARRIE E. SCHMIDT.