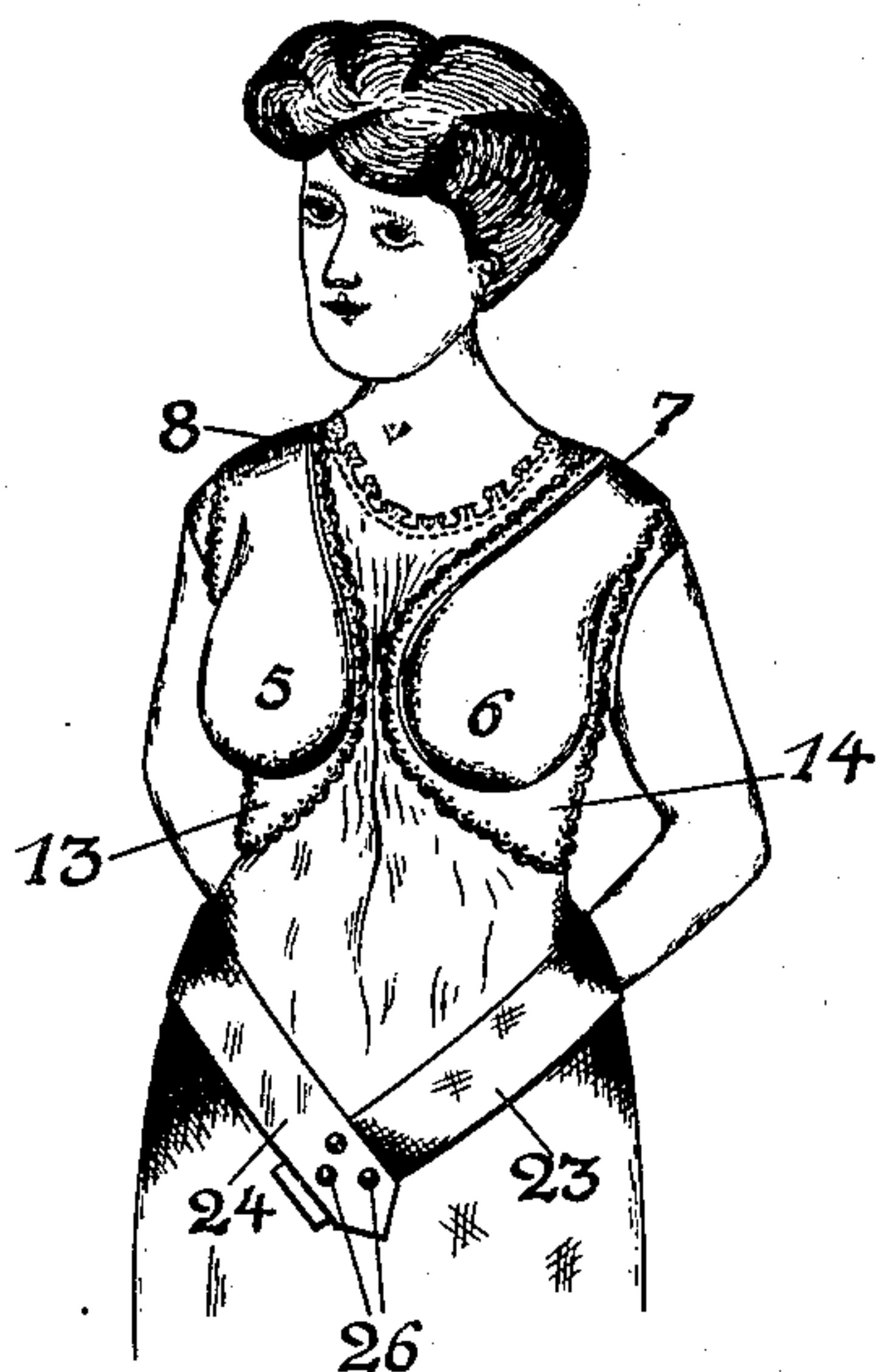


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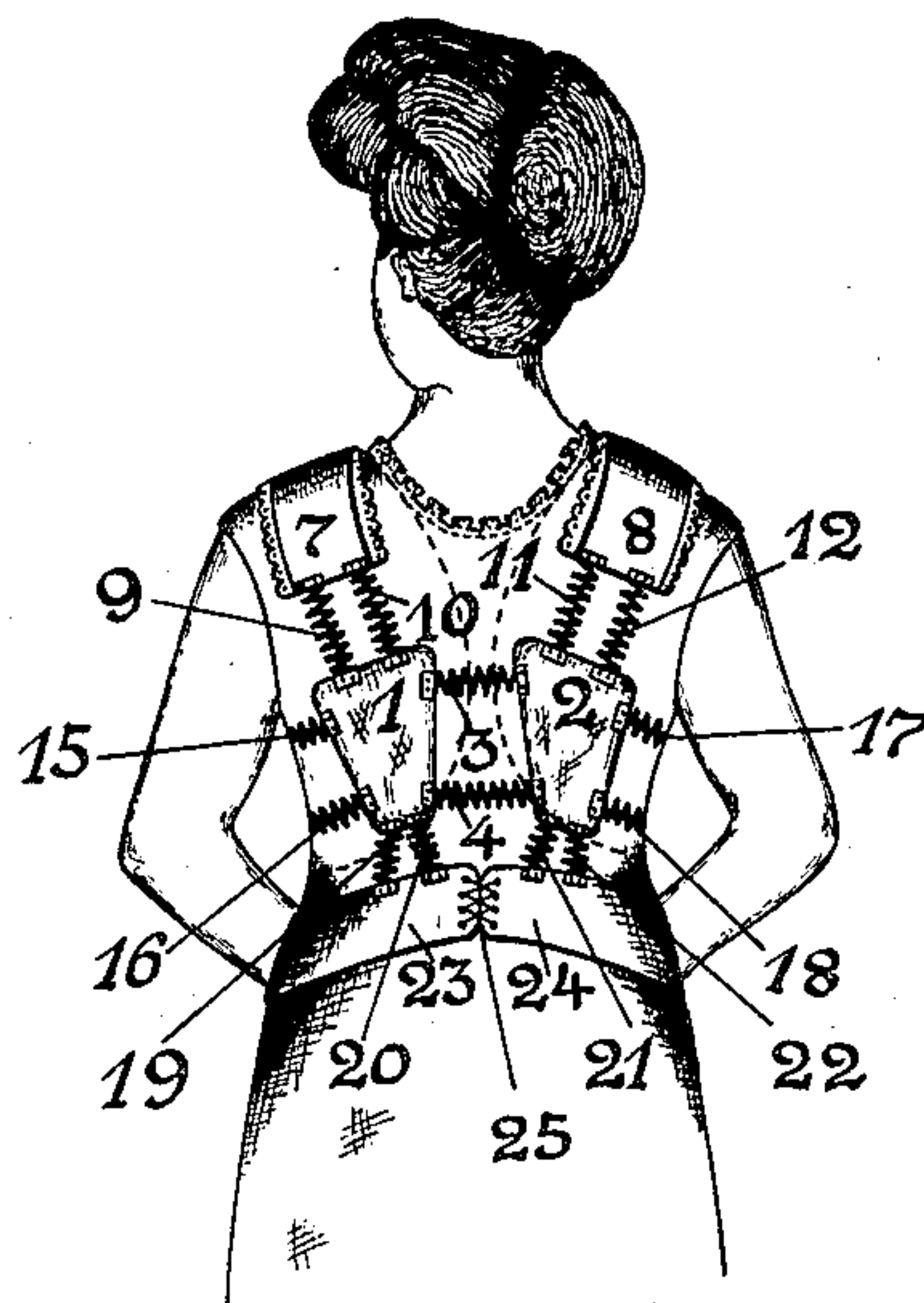
PATENTED FEB. 12, 1907.

J. BREE.  
BUST SUPPORTER.  
APPLICATION FILED OCT. 12, 1905.

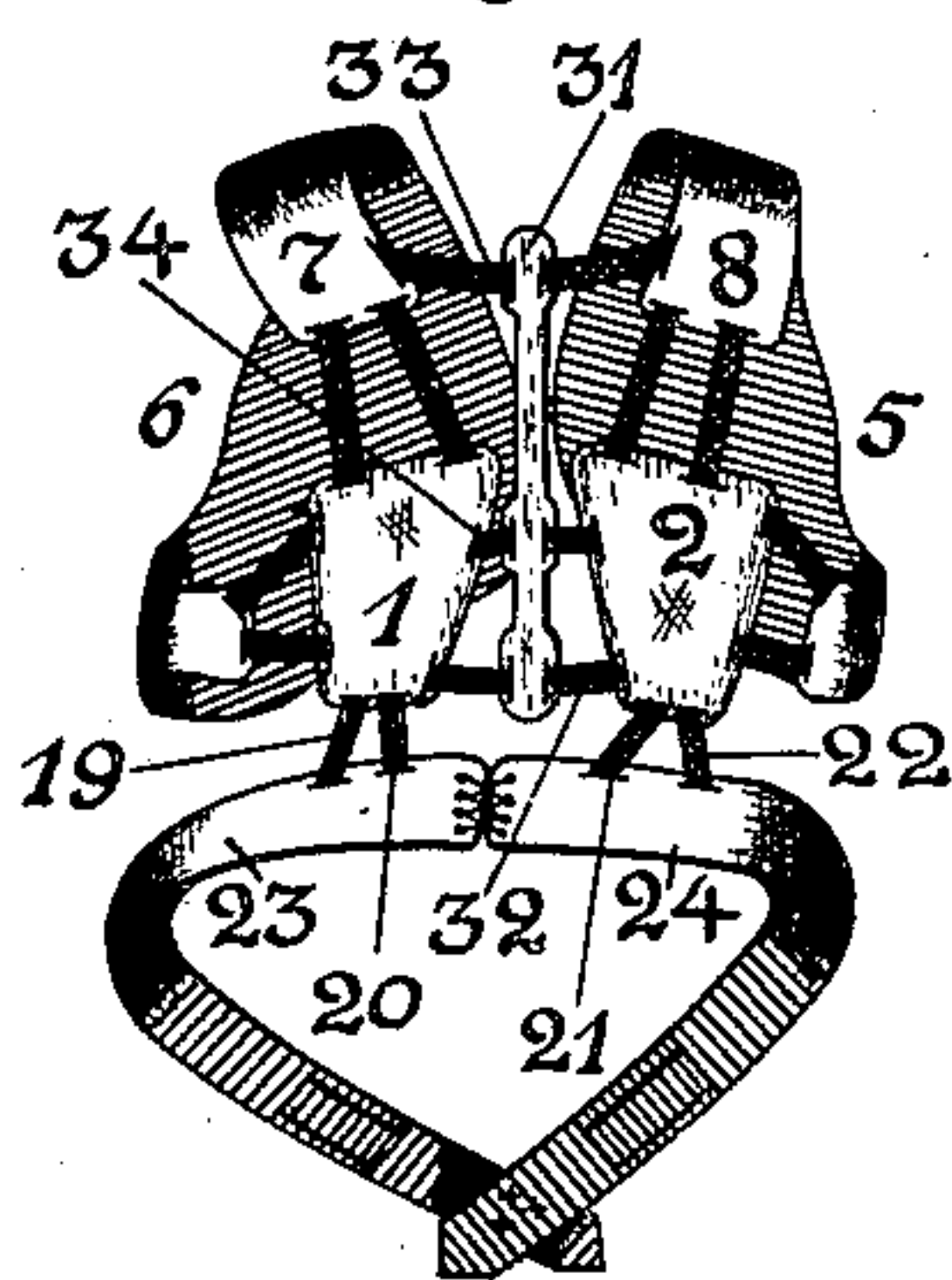
*Fig. 1.*



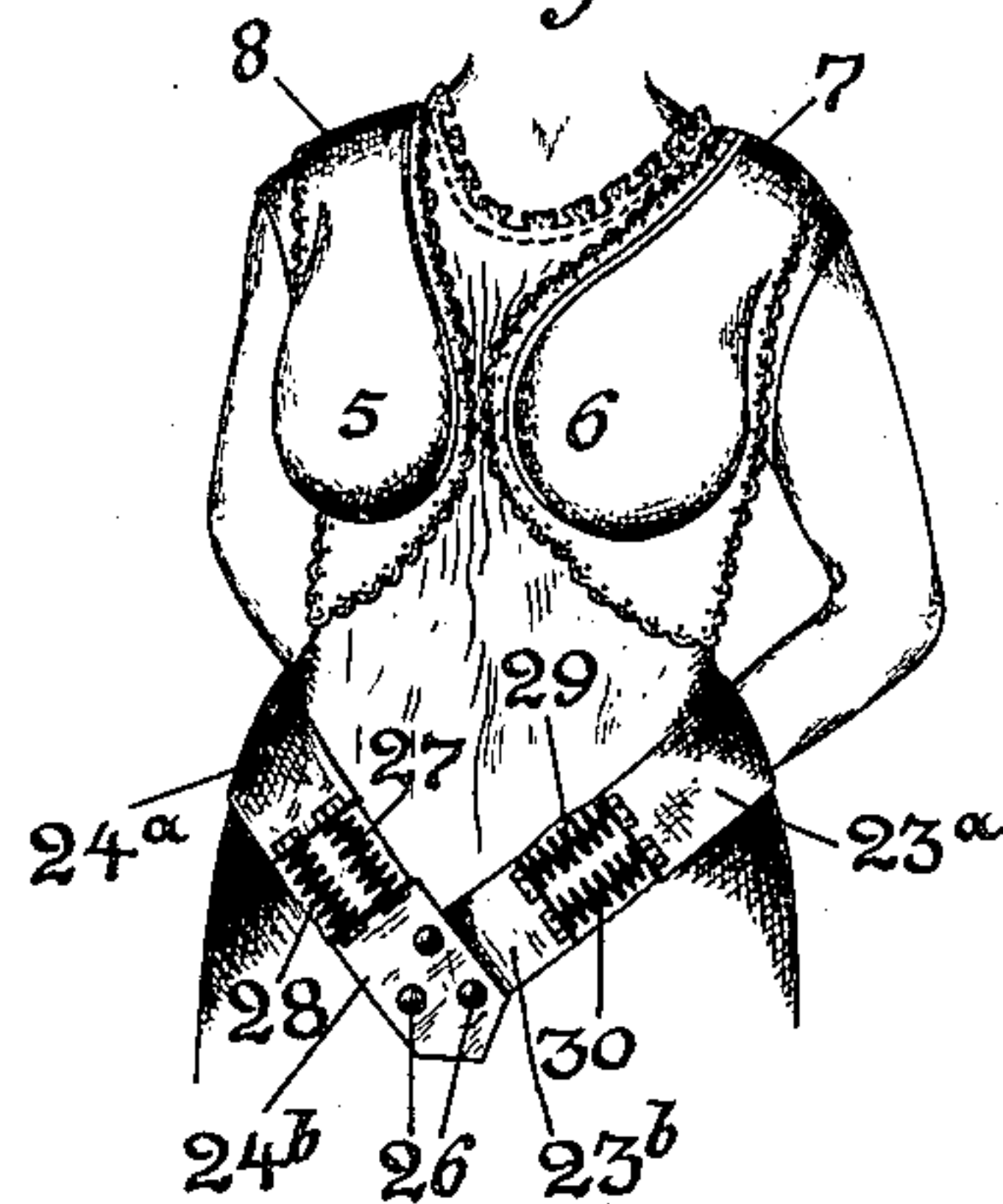
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



WITNESSES :

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BY

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# UNITED STATES PATENT OFFICE.

JOHANNES BREE, OF CHARLOTTENBURG, GERMANY.

## BUST-SUPPORTER.

No. 844,242.

Specification of Letters Patent.

Patented Feb. 12, 1907.

Application filed October 12, 1905. Serial No. 282,404.

*To all whom it may concern:*

Be it known that I, JOHANNES BREE, a subject of the King of Prussia, and a resident of Charlottenburg, near Berlin, in the Kingdom of Prussia, have invented a new and useful Improvement in Bust-Supporters, of which the following is a full, clear, and exact description.

This invention relates to bust-supporters, the object being to provide a bust-support which differs from the usual corset in that it can be worn without any injury to health.

It consists, essentially, of two back-plates or frame-pieces. These back-plates are connected together in any suitable manner, and to them the other essential parts of the bust-support are attached, so that when wearing the same neither the breasts nor the stomach nor the liver are tightened in by lacing.

Several embodiments of bust-supports constructed according to the present invention are shown in the accompanying drawings.

Figure 1 shows the front view of a female form provided with one form of my improved bust-support. Fig. 2 is a corresponding back view. Fig. 3 shows a rear perspective view of a modified form. Fig. 4 shows the front view of a female form with a further form of bust-support applied

The bust-supporter (shown in Figs. 1 and 2) has two back parts 1 and 2, situated below the shoulder-blades of the wearer, said plates being made from wood, carton-pierre, celluloid, vulcanite, or other solid material. These backpieces are preferably trapezoidal in form and are preferably convex, so that they adapt themselves well to the body and do not inconvenience in any way the movements thereof.

The back parts 1 and 2 are connected together by spiral springs 3 and 4, fastened to said parts in any suitable manner, the ends of such springs being fastened to or removable from the parts 1 and 2. These spiral springs are made as flat as possible, so that they lie close to the body and do not inconvenience the wearer or bulge out the clothes, so as to be unsightly. The two cages 5 and 6 for the reception of the breasts form a further part of the bust-support; but said cages are not in themselves new. The side parts 13 14, connected to the cages 5 and 6, are connected with the back parts 1 and 2 by spiral springs 17 18 and 15 16. Finally on the back parts 1 2 spiral springs 19 20 and 21 22 are fastened,

which sustain the body-girdles 23 and 24. These girdles are joined together by a lacing device 25 at the back, which in the usual way consists of a lace drawn crosswise through eyelets and in front have pressure-button locks 26 of the ordinary construction, by means of which both the girdles 23 and 24 can be joined together in such a manner that they can be separated from each other again when desired.

The following might be remarked with reference to the properties and the action of the bust-support: As may be seen from Fig. 1, this support does not exercise any injurious pressure on any of the important organs of the body. From Fig. 2 it may further be seen that independently of this there is present a new feature in this bust-support, for by raising up, bending and stretching the arms, and by other movements of the same the essential parts of the bust-support act as an elastic system, the relative stable middle points of which are the back parts 1 and 2. These are, as already explained, in no way inconvenient, as they are situated on parts of the body where on the movement of the extremities they are relatively but little affected. These parts of the body have been specially chosen, so that by the arrangement and form of the backpieces no injury can arise from pressure or friction on the shoulder-blades or from particular movements of the body or its extremities, since the spring connection of the essential parts of the bust-support allows the latter to yield, extend, and be afterward drawn together again by such springs. The body-girdles 23 and 24, which are also in themselves not novel, exert a massage action on the body, owing to their being fastened to the springs 19 20 and 21 22, thus favorably assisting the work of the intestines. For increasing this action springs 27 28 or 29 30 (shown in Fig. 4) might be arranged, which elastically draw together the individual parts 24<sup>a</sup> and 24<sup>b</sup> or 23<sup>a</sup> and 23<sup>b</sup>, from which the girdles are formed.

The individual parts of the bust-supporter could be submitted to many alterations. For example, instead of the spiral springs other suitable springs or extensible laces or elastic bands might be substituted, as shown in Fig. 3. The spiral springs, as well as the backpieces 1 and 2, may, if desired, be covered over with linen or other suitable material.



It is desirable to make the backpieces 1 and 2 from metal, and their form can undergo various modifications—rectangular, square, or other convenient form. The back-  
 5 piece 1 may be made from zinc and the back-  
 piece 2 of platinum, or they may be made  
 of wood and then covered over with these  
 metals. These wholly metallic or partially  
 10 metallic backpieces are so carried on the  
 back that they come into direct contact with  
 it and lie close to it. A galvanic action  
 thereby results which acts on the spinal  
 marrow and the nerves going therefrom,  
 which must be regarded as very healthy.

15 Fig. 3 shows a modified form of the inven-  
 tion in which a third backpiece is arranged  
 opposite the spine, which is either fastened  
 to the spiral springs connecting the back-  
 pieces 1 and 2 or to the elastic bands substi-  
 20 tuted for said springs, or connected with the  
 same in the same manner as the backpieces  
 1 and 2. In Fig. 3 this backpiece is de-  
 noted by 31. It is of such a length that it  
 reaches from the band 32, fastened to it and  
 25 to the backpieces 1 and 2, to one of the elas-  
 tic pieces 33, connecting the shoulder-pieces  
 7 and 8, and is also connected with the elas-  
 tic band 34 in a similar way to the band 32.  
 Otherwise this bust-support corresponds in  
 30 all its essential parts to that illustrated in  
 Figs. 1 and 2.

Having now particularly described and  
 ascertained the nature of my said invention  
 and in what manner the same is to be per-  
 35 formed, I declare that what I claim is—

1. In a bust-support, cages covering the  
 breasts, and two back-plates consisting of  
 thin and stiff material which back-plates are  
 in elastic connection to each other and also  
 40 with the cages covering the breasts, and  
 means for supporting the support on the  
 body of the wearer.

2. In a bust-support, cages covering the  
 breasts, a waist-belt, and two back-plates  
 45 consisting of thin and stiff material which  
 back-plates are in elastic connection to each  
 other and also with the cages covering the  
 breasts and in elastic connection with the  
 waist-belt, and means for supporting the  
 50 support on the body of the wearer.

3. In a bust-support, a girdle for support-  
 ing the breasts, two back-plates consisting  
 of thin and stiff material which back-plates  
 are in elastic connection to each other and  
 55 also with the girdle of the breasts, substan-  
 tially as set forth.

4. In a bust-support, a girdle for support-

ing the breasts, a waist-belt, and two back-  
 plates consisting of thin and stiff material  
 which back-plates are in elastic connection 60  
 to each other and also with the girdle for the  
 breasts and in elastic connection with the  
 waist-belt, substantially as set forth.

5. In a bust-support, cages for the breasts,  
 a waist-belt, two back-plates consisting of 65  
 thin and stiff material, two elastic straps for  
 connecting the back-plates to each other,  
 four elastic straps for connecting the back-  
 plates with the outer side edges of the cages,  
 four elastic straps for connecting the back- 70  
 plates with two upper ends of the cages, and  
 four elastic straps for connecting the back-  
 plates with a waist-belt, substantially as set  
 forth.

6. In a bust-support, a girdle for support- 75  
 ing the breasts, a waist-belt, two back-plates  
 consisting of thin and stiff material, two  
 elastic straps to connect these back-plates to  
 each other, four elastic straps to connect the  
 back-plates with the ends of the girdle of the 80  
 breasts, two straps at the upper long edge  
 of the girdle, four elastic straps to connect  
 these straps with the back-plates, and four  
 elastic straps to connect the back-plates with  
 the waist-belt, substantially as set forth. 85

7. In a bust-support, cages for the breasts,  
 a waist-belt, two back-plates consisting of  
 thin and stiff material, two elastic straps to  
 connect the same to each other, four elastic  
 straps to connect the back-plates with the 90  
 outer side edges of the cages, four elastic  
 straps to connect the back-plates with two  
 upper ends of the cages, one elastic strap to  
 connect the two upper ends of the cages with  
 each other, one stiff bridge to connect the 95  
 elastic connection-strap of the upper ends of  
 the cages with the elastic connection-straps  
 of the back-plates, and four elastic straps to  
 connect the back-plates with the waist-belt,  
 substantially as set forth. 100

8. A bust-supporter, comprising back-  
 plates adapted to fit beneath the shoulder-  
 blades of the wearer, a bust-support in con-  
 nection therewith, a member intermediate  
 of the back-plates to bear against the spine, 105  
 and elastic connections between the back-  
 plates and said member.

In witness whereof I have hereunto signed  
 my name, this 9th day of September, 1905,  
 in the presence of two subscribing witnesses. 110  
 JOHANNES BREE.

Witnesses:

HENRY HASPER,  
 WOLDEMAR HAUPT.