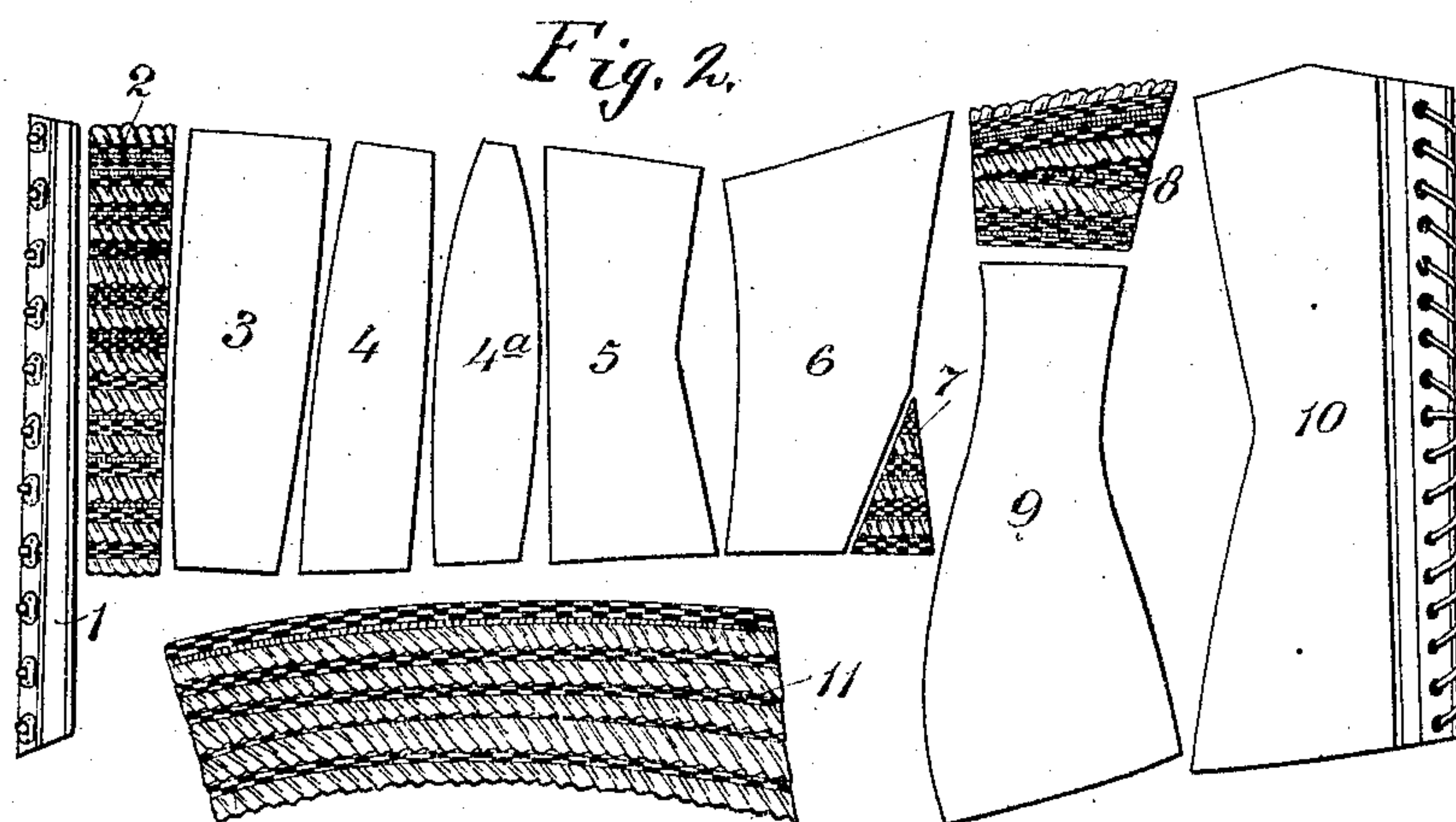


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 ABDOMINAL BANDAGE.  
 APPLICATION FILED JULY 22, 1908.

934,625.

Patented Sept. 21, 1909.



Witnesses  
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# UNITED STATES PATENT OFFICE.

ANGELE PETREL, OF BUENOS AYRES, ARGENTINA.

ABDOMINAL BANDAGE.

934,625.

Specification of Letters Patent.

Patented Sept. 21, 1909.

Application filed July 22, 1908. Serial No. 444,863.

To all whom it may concern:

Be it known that I, ANGELE PETREL, née VILLEMUR, a citizen of France, residing at No. 745 Calle Tucuman, Buenos Ayres, Argentina, South America, have invented new and useful Improvements in Abdominal Bandages, of which the following is a specification.

The present invention relates to a novel system of orthopedic abdominal belt which I have devised, by which a most elegant form is given to the body without compressing nor interfering in any other unhealthy manner with the regular functions of the organs of the same.

The essential features of this abdominal belt consist of the particular shape and elasticity of the parts composing the same and of the absence of stays or steel rods with exception of those forming the joining ends of the two parts of the belt, these latter stays or pieces may be replaced, if desired, by buttons or hooks.

Owing to the combination and particular form of insertion of several elastic pieces, this belt may be applied to the body in a very tight manner, without compressing or hurting the abdomen, veins, femoral and external iliac arteries, nor any other organ, as is usually the case with the belts of common make.

In order to facilitate the understanding of this description, illustrative drawings have been annexed thereto, wherein:

Figure 1 represents a female figure wearing the orthopedic belt which I have invented. Fig. 2 shows separate the parts which on being connected, form one half of the belt, the other half is made up by a series of similar pieces, but of inverted cut.

The piece 1 forms the fore part of the belt and is provided with buttons or hooks; to this piece is joined the piece 2 at the upper part, and at the lower part, the piece 11 these latter two pieces being formed by a series of parallel elastic ribbons or bands.

To the piece 2, the piece 3 has been connected, and to this latter, the piece 4 which may be of a more curved shape, as shown in 4<sup>a</sup>; this piece may be longer in order to insert the same simply between the pieces 3 and 5, or else with its edges more rounded, as shown at 4<sup>a</sup>, in order to allow the abdomen the lateral expansion necessary for its regular function. This piece constitutes the

substantial feature of the cut of this belt, jointly with the elastic bands or ribbons placed horizontally at the lower front part, and indicated in the drawings with the numbers 2, 7, 8 and 11.

The piece 5 is connected to the piece 6 which at one of its lower corners is provided with a triangular elastic piece the principal purpose of which is to avoid the compression of the femoral and external iliac arteries.

The piece 9, provided at its upper part with an elastic piece 8 is connected at one side to the pieces 6, 7 and 11 and at the other side, to the piece 10, which constitutes the back part of the belt. This piece is provided with eyelets in order to connect the same by means of laces with the similar part forming the other half of the belt.

It will be understood that the orthopedic belt forming the object of the present application for Letters Patent, may be made of any convenient material, and its height may also be greater than the height shown in the drawings.

Having now particularly described and ascertained the nature of my present invention and in what manner the same is to be performed, I declare that what I claim, is:

1. The herein described orthopedic abdominal belt consisting of two similar sections adapted to be detachably connected and each comprising front and rear stays, an elastic member extending longitudinally of the front stay, a non-elastic hip member connected with the rear stay, a second elastic member extending from the front stay to the said hip member, and a plurality of non-elastic members arranged above said second elastic member between, and connected to, the first said elastic member and the hip member.

2. The herein described orthopedic abdominal belt consisting of two similar sections adapted to be detachably connected and each comprising front and rear stays, an elastic member extending longitudinally of the front stay from the upper end thereof, a hip member attached to the forward edge of the member connected with the rear stay and extending upward from the lower edge thereof, an elastic member extending from the upper end of the hip member to the upper edge of the belt, a transversely extending elastic member attached at its forward end



to the front stay and at its rear end to the hip member, and forming the lower portion of the belt section forward of the hip member, and a plurality of non-elastic members  
5 arranged above the last said elastic member and connected thereto and also to the first said elastic member and the hip section.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ANGELE PETREL.

Witnesses:

ANTONIO L. BELO,  
ENRIQUE SCHULT.