

S. GUTMAN.  
Corset.

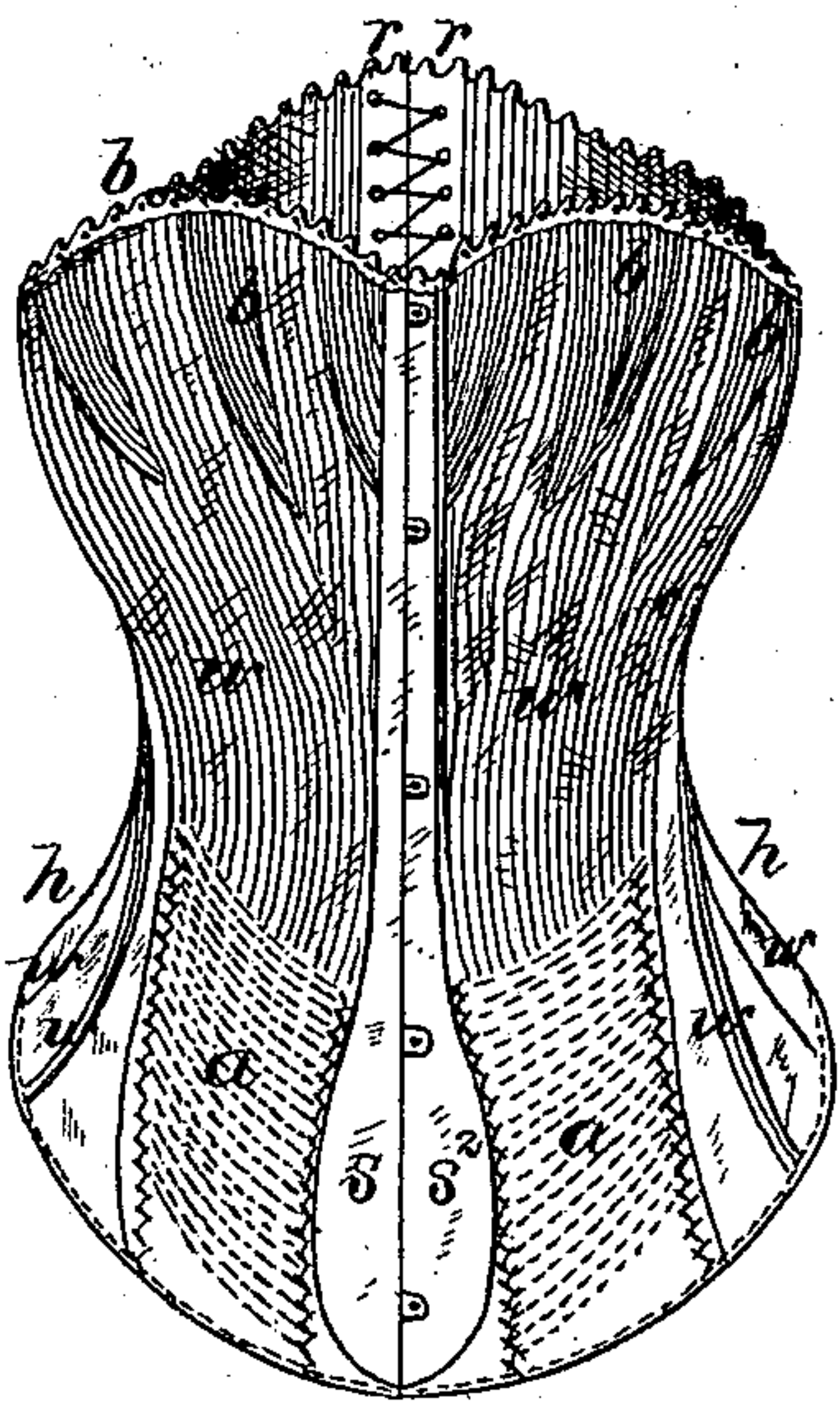
No. 210,025.

Patented Nov. 19, 1878.

Fig. 1.



Fig. 2.



WITNESSES  
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Fig. 3.

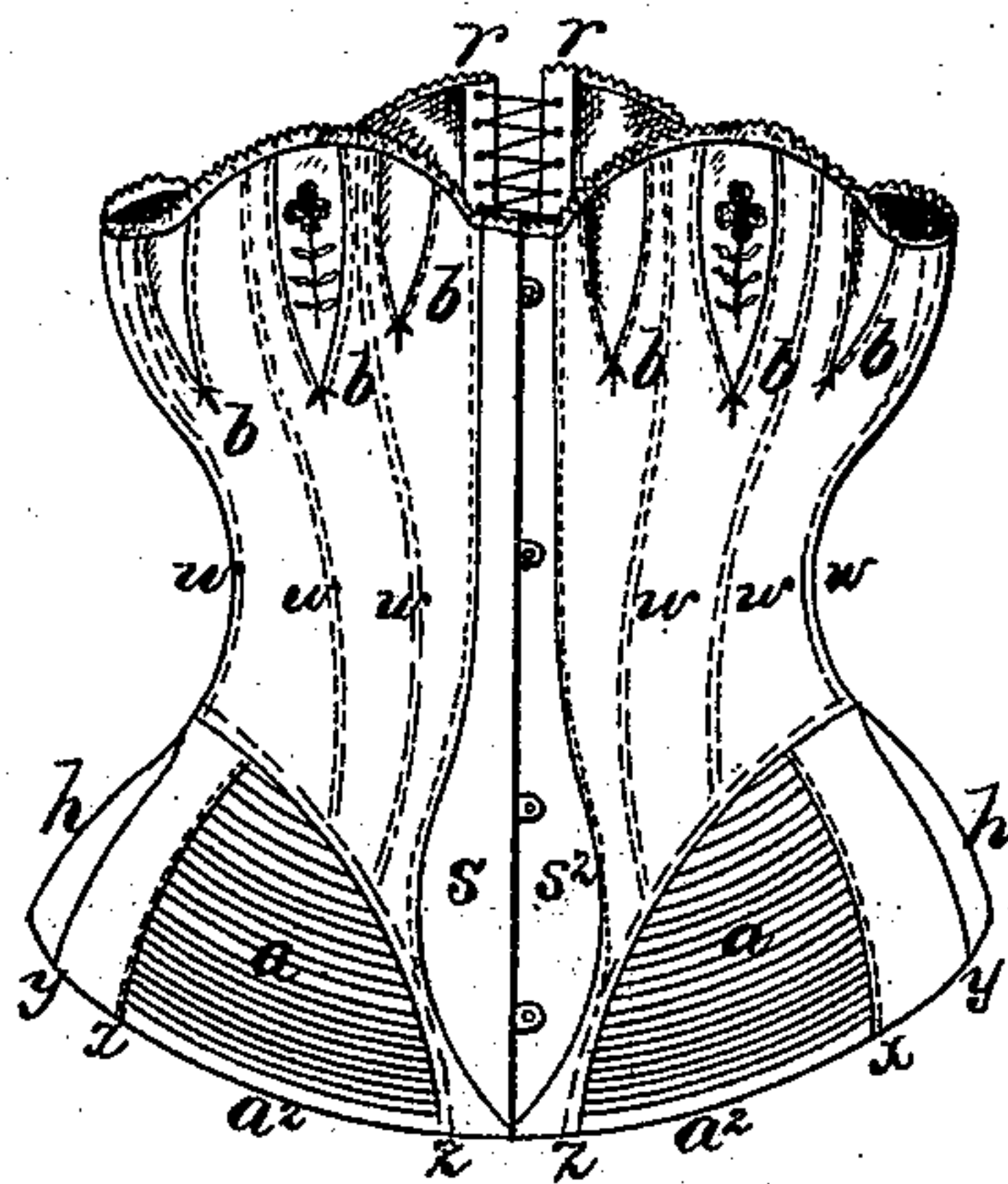


Fig. 4.

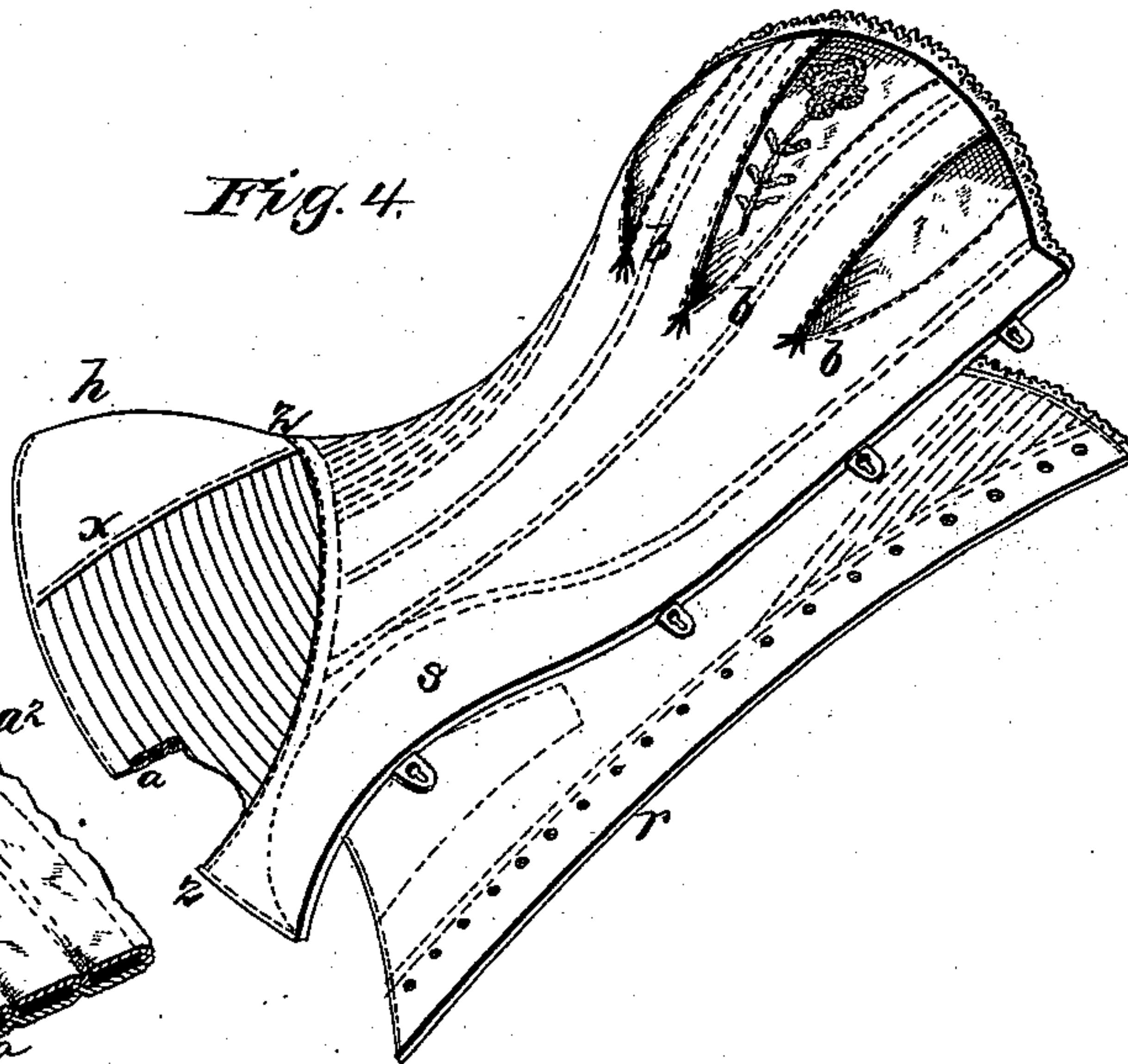
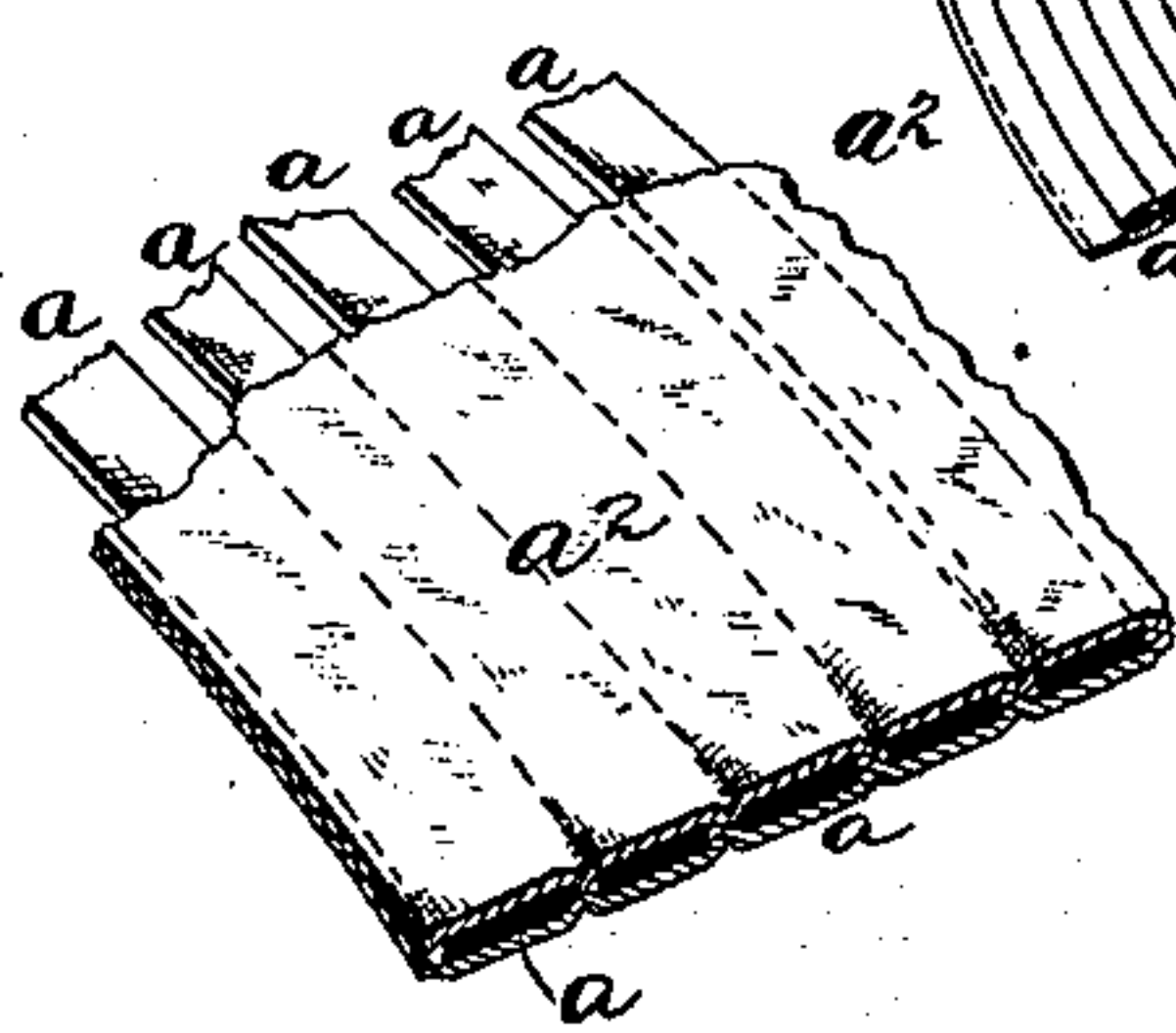


Fig. 5.



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# UNITED STATES PATENT OFFICE.

SELIGMAN GUTMAN, OF NEW YORK, N. Y., ASSIGNOR TO LEWIS SCHIELE & CO., OF SAME PLACE.

## IMPROVEMENT IN CORSETS.

Specification forming part of Letters Patent No. **210,025**, dated November 19, 1878; application filed October 21, 1878.

*To all whom it may concern:*

Be it known that I, SELIGMAN GUTMAN, of the city of New York, in the county of New York and State of New York, have invented a new and useful Improvement in Corsets; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to what are known as "abdominal corsets" for ladies, the same being designed to afford an extended support to the front and sides of the abdomen, as well as to perform the more ordinary functions of ladies' corsets.

Various shapes and appliances have heretofore been devised to render corsets of this description more comfortable and efficient and less injurious than those previously used.

The present invention has the same general objects, and more particularly its objects are to obviate irritation and injury of the tender portions of the person by the ends of the whalebones, to prevent any yielding of the fabric latitudinally, and to simulate the support temporarily afforded by pressing with the flat hands against the sides and front of the abdomen. At the same time the improved corset is adapted to be given any desired shape with superior nicety, and is readily manufactured, either as a woven corset or as a sewed corset, as hereinafter more fully set forth.

Figure 1 of the accompanying drawings is a side view of a two-part woven corset upon the person of a lady, and Fig. 2 is a perspective front view of the same corset, which illustrates the peculiar construction in which this invention consists. Fig. 3 is a front view of a two-part sewed corset, illustrating the same improvement. Fig. 4 is a perspective view of one-half of the corset shown in Fig. 3, partly in section; and Fig. 5 is a sectional perspective view of a fragment of the same on a larger scale.

Like letters of reference indicate corresponding parts in the several figures.

The respective halves of the improved corset are manufactured with bosom-gores *b*, hip-

forms *h*, front steels *s s*<sup>2</sup>, carrying the clasps, re-enforced and eyeleted rearedges *r* for lacing, and a complement of longitudinal whalebones or substitutes for whalebones, *w*, in suitably-arranged pockets. Heretofore said longitudinal whalebones have extended downward, in front as well as at the sides and behind, to the lower edge of the corset, or near said edge, where their inwardly-bent ends tended to irritate the sensitive surface of the lower parts of the abdomen, while they afforded a not very firm or smooth support, owing to the yielding of the pocketed fabric in the transverse or latitudinal direction.

In the present corset the front longitudinal whalebones *w* terminate at or about the lower line of the waist, and below this line series of flat whalebones or substitutes for whalebones, *a*, are inserted in latitudinal or horizontal pockets specially formed for this purpose, the same extending forward, with a slightly-downward inclination, to the steels on both sides, from near the front hip-lines, but sufficiently clear of the latter to avoid contact with the hips.

A very comfortable and efficient support is thus afforded to the front and sides of the abdomen, the said support resembling very much that of the flat hands of the person pressed against the same parts in a natural manner. At the same time any irritation of the lower part of the abdomen is precluded, and the whalebones, extending in the direction of the strain, prevent stretching and retain their flat compact arrangement, while they readily take and impart to the front any desired shape.

The woven corset shown in Figs. 1 and 2 is provided in the loom with a double front below the lower waist-line, and the latitudinal or horizontal pockets are formed by parallel rows of stitching. The whalebones, cut of proper length, are inserted in these pockets at their front ends. The latter are then closed and the steels are inserted between the front edges of the fabric.

The sewed corset shown in Figs. 3, 4, and 5 has a curved waist-seam, *z*, extending upward and rearward from the lower end of the steel in each half to the main side seams *y*, and a front hip-seam, *x*, extending downward at the required angle from near the rear end of



said waist-seam to the lower edge of the corset, and between said waist-seam  $z$  and said front hip-seam  $x$  is a double abdominal gore,  $a^2$ , in which the pockets for the latitudinal or horizontal whalebones  $a$  are formed.

The abdominal gores may be inserted at any preferred stage of the manufacture, the whalebones being previously inserted.

Apart from the said latitudinal or horizontal whalebones or substitutes for whalebones and their pockets, the improved corset may be of any preferred style and construction.

I am aware that latitudinal or horizontal whalebones have been arranged by another over the hips in a corset. As thus arranged they form no part of the present invention, and are obviously not adapted to accomplish the same beneficial results.

The number and extent of my latitudinal or horizontal whalebones or substitutes for whalebones admit of considerable variation in both

sewed and woven corsets without material change of effect. The curved waist-seam of the sewed corset, for example, is not essential. But in all cases my said latitudinal or horizontal whalebones or substitutes for whalebones are confined to the front of the corset as supports for the abdomen.

The following is what I claim as new and of my own invention, and desire to secure by Letters Patent, namely:

A corset having in the abdominal portion thereof latitudinal or horizontal stiffeners of whalebone or other suitable material, extending forward from about the front hip-line on each side, substantially as herein shown and described, for supporting the abdomen, in the manner set forth.

SELIGMAN GUTMAN.

Witnesses:

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