

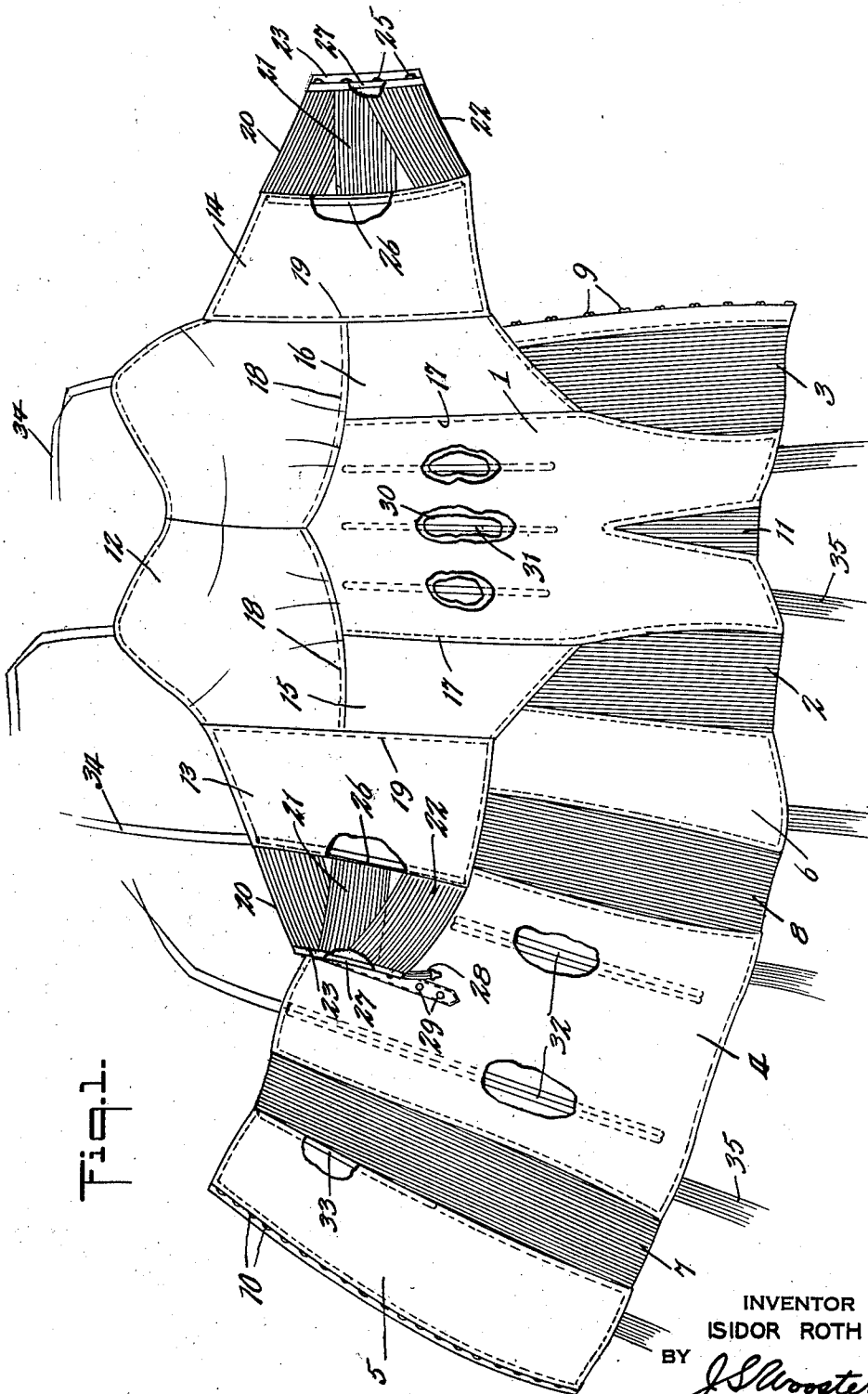
April 26, 1932.

I. ROTH

1,856,032

COMBINATION GARMENT

Filed Sept. 25, 1931 4 Sheets-Sheet 1



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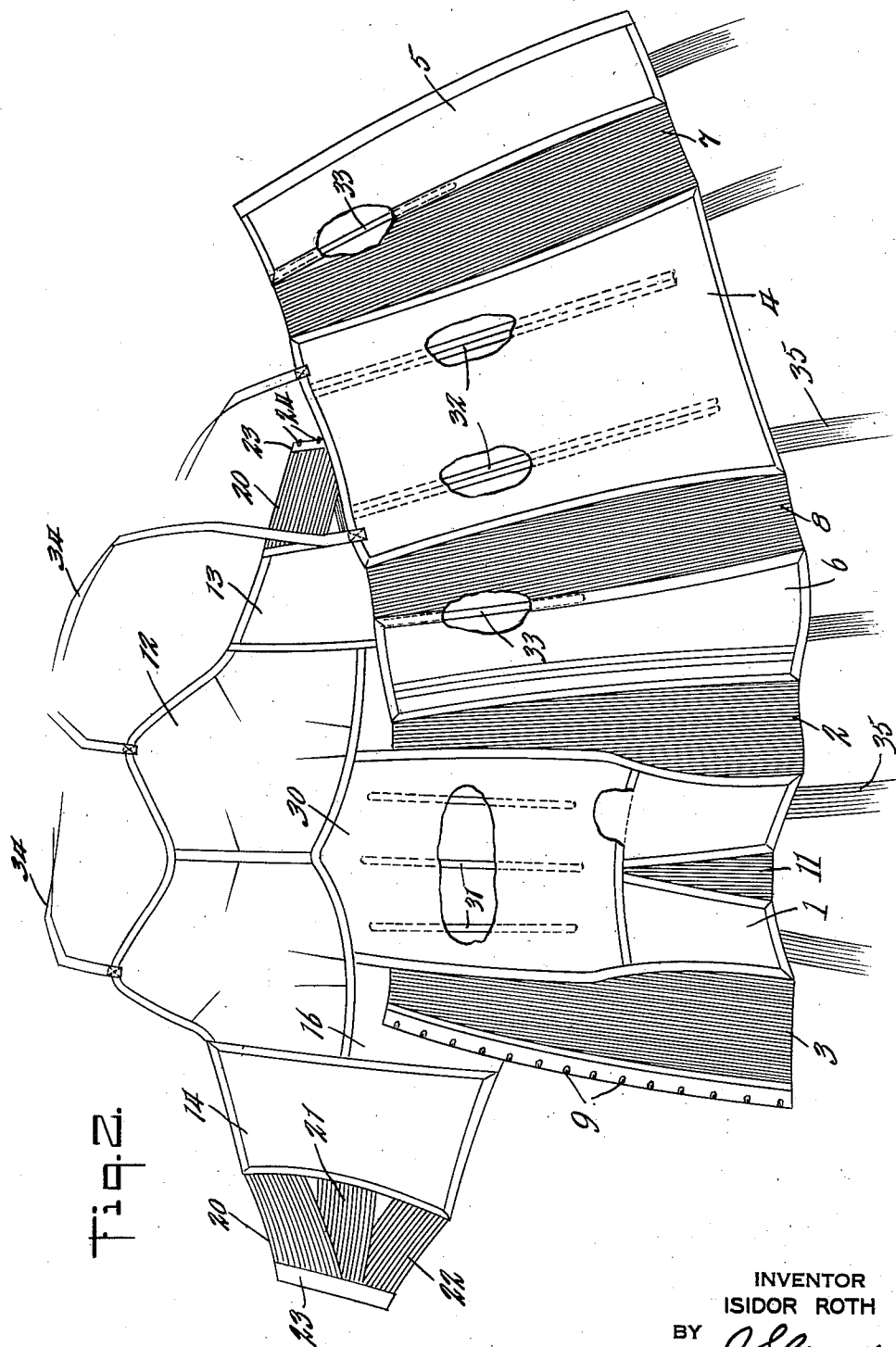
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Fig. 6.

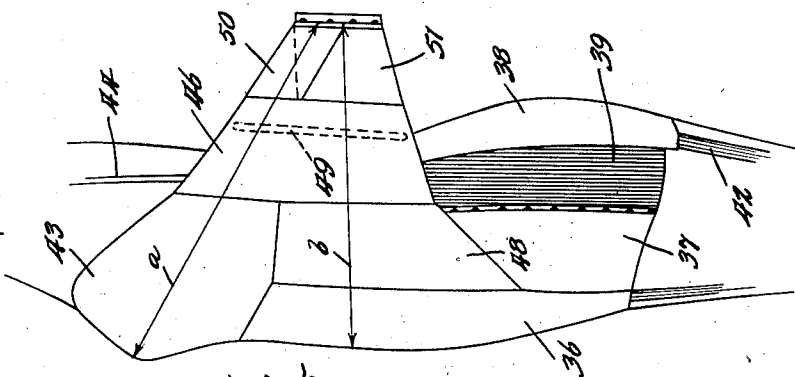


Fig. 4.

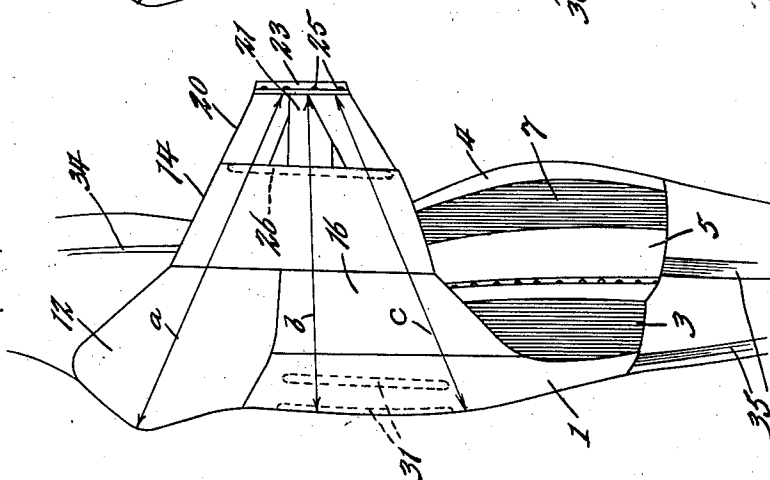
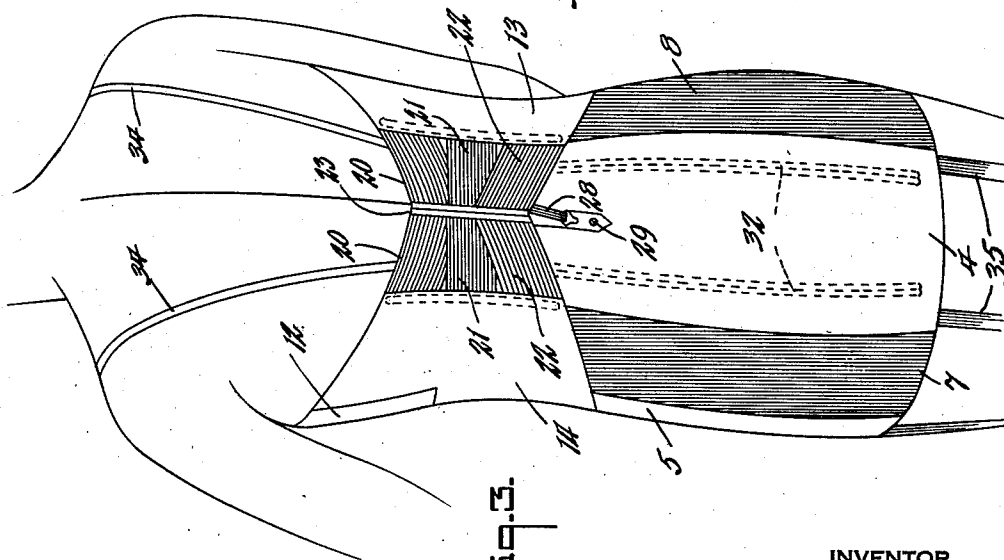


Fig. 3.



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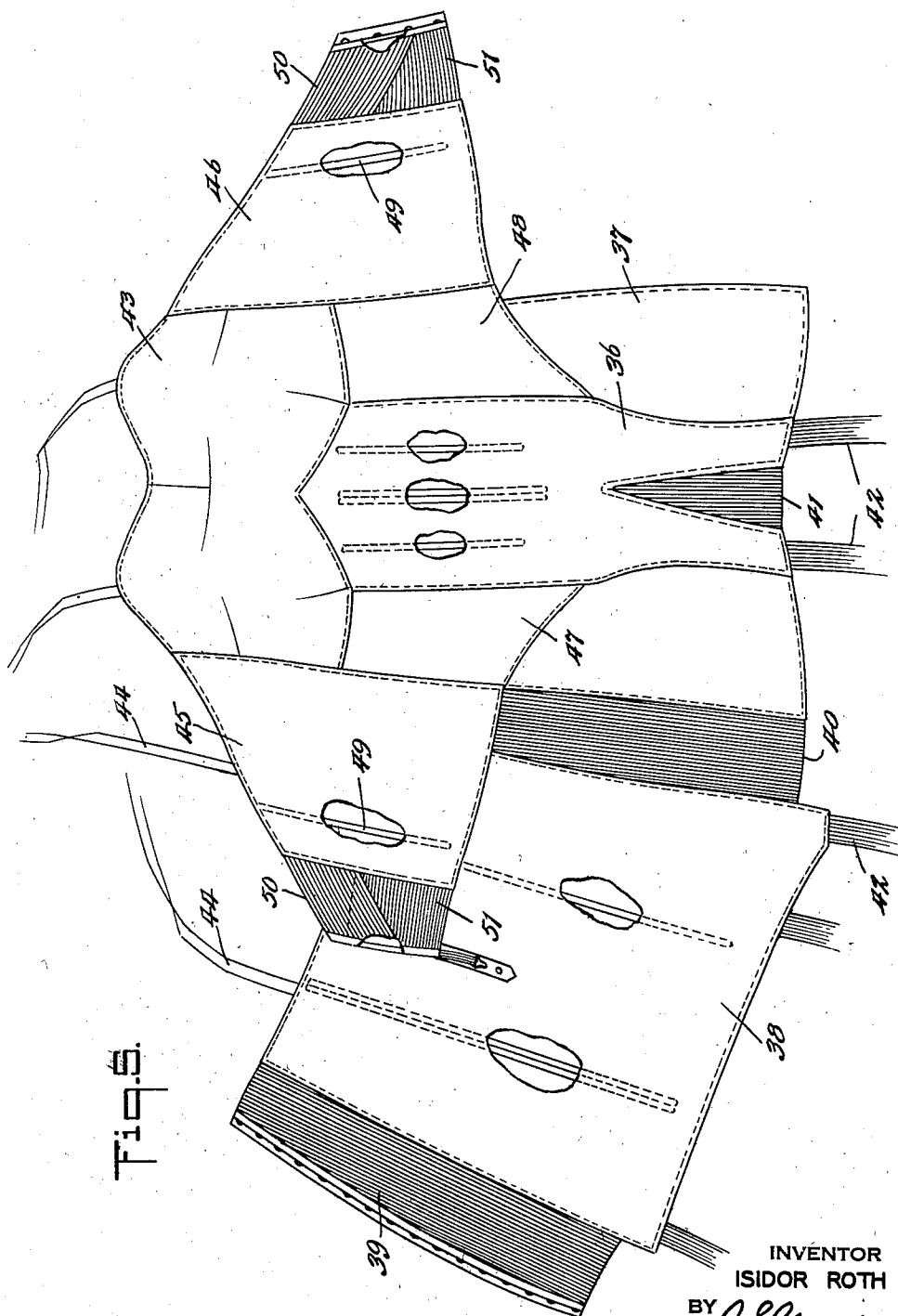
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**1,856,032**

COMBINATION GARMENT

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4 Sheets-Sheet 4



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# UNITED STATES PATENT OFFICE

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## COMBINATION GARMENT

Application filed September 25, 1931. Serial No. 565,092.

This invention relates to combination garments for women and has for its object to provide a combined girdle and brassière arranged to mold the entire figure with perfect comfort and freedom of movement to the wearer.

Another object of the invention is to provide a light-weight garment of this type with a unitary control for molding the bust, flattening the diaphragm and uplifting the abdomen, with sufficient flexibility in the control to allow for variations in the measurements of different individuals.

Other objects of the invention are to provide a garment of this type with a flexible control adapted to adjust itself to different waist lines and body movements, and to prevent strain on the shoulders when the wearer assumes a stooping or sitting position.

The garment consists essentially of a girdle having a front panel arranged to cover the diaphragm and abdomen, and a brassière which is attached to the upper edge of said panel. The control includes a pair of loose flaps which are attached to the ends of the brassière and to the sides of the front panel of the girdle. These flaps extend rearwardly beyond the sides of the girdle and are connected together at the back of the garment by means of elastic straps which are arranged to hold the flaps under tension in two or more directions.

In the preferred form of the invention the two sets of elastic control straps each include an upper strap which is arranged at an angle to exert a downward pull on the ends of the brassière, a central strap in position to exert a horizontal pull across the upper portion of the front panel of the girdle, and a lower strap arranged at an angle to exert an upward pull on the lower portion of the front panel. The last mentioned strap, however, may be omitted in some cases.

This arrangement of the elastic control straps and the loose flaps, which are detached from the girdle except at the sides of the front panel, gives the garment flexibility when the wearer is stooping over or bending sideways, the angular position of the elastic straps causing the flaps to go back in place when the wearer assumes an upright position.

This flexibility also makes the control adjustable to different waist lines as well as to variations in the bust, diaphragm and abdominal measurements of different individuals wearing the same size garment.

Another feature of the invention resides in the arrangement of the shoulder straps, each of which has one end attached to the front of the brassière and the other end attached to the back of the girdle, preventing strain over the shoulders when the wearer assumes a stooping or sitting position.

The invention will be described in connection with the accompanying drawings, in which:

Figs. 1 and 2 are front and rear views, respectively, showing the combination garment in open position;

Fig. 3 is a rear view of a torso with the garment applied thereto;

Fig. 4 is a side view showing the garment on the wearer before fastening the elastic straps, with arrows indicating the general direction of the tension across the bust, diaphragm and abdomen;

Fig. 5 is a front view showing the outer face of a modified combination garment having two elastic straps controlling the bust and diaphragm; and

Fig. 6 is a side view showing said garment on the wearer before fastening the elastic straps, with arrows indicating the general direction of the tension across the bust and diaphragm.

The combination garment shown in Figs. 1 to 4 comprises a girdle having an elongated front panel 1 secured to elastic sections 2 and 3, a back section 4, and side sections 5 and 6 which are secured to the back section by vertical elastic inserts 7 and 8.

The girdle opens at one side and is fastened about the body by means of a series of hooks 9 on one edge adapted to engage in corresponding eyes 10 on the other edge as shown in Figs. 1 and 4. An elastic gore 11 is inserted in the lower edge of the front panel 1 to give the proper adjustment.

The brassière 12 is secured to the upper edge of the front panel 1 and has its ends extending out beyond the sides of said panel.

At opposite sides of the front panel 1 are two loose flaps 13 and 14 which may be cut to shape and secured directly to the front panel and the brassière, or, for convenience, may have separate inner segments 15 and 16, respectively to facilitate attachment to the front panel and brassière.

The flap segments 15 and 16 are attached to the sides of the front panel 1 by vertical stitches 17, and to the loose horizontal edges of the brassière 12 by horizontal stitches 18. The connections 17 between the flap segments 15 and 16 and the front panel 1 extend from the bottom of the brassière to a point well below the waist line. When the flaps are thus constructed of two pieces of material the outer edges of segments 15 and 16 are preferably coterminous with the outer edges of the brassière 12, forming substantially straight vertical edges which are attached to the main flaps 13 and 14 by vertical stitches 19. The flaps 13 and 14 extend out beyond the sides of the garment and are arranged to be connected together at the back.

The connection at the back is effected by means of two sets of elastic straps 20, 21 and 22 which are attached to the outer extremities of the respective flaps 13 and 14. The outer ends of these straps are secured to tabs 23 one of which is provided with a series of hooks 24 and the other of which is provided with a series of cooperating eyes 25. The straps 20 and 22 of each set converge from their points of attachment at the upper and lower edges of the flaps 13 and 14 toward the respective tabs 23, while the straps 21 are substantially straight or horizontal. Consequently, when tension is exerted on the tabs 23, by connecting them together at the back of the garment, the straps 20 exert a downward pull which effects the control of the bust, while straps 21 exert a horizontal pull which controls the diaphragm, and straps 22 exert an upward pull which confines and uplifts the abdomen.

The general direction of the tension exerted by the elastic straps 20, 21 and 22 is indicated by the arrows *a*, *b* and *c* in Fig. 4, the three straps of each set cooperating to mold the figure throughout. In addition to molding the bust, flattening the diaphragm and confining and uplifting the abdomen, the elastic straps permit the garment to adjust itself to variations in the measurement of the individual who may have a large bust and not such a large abdomen, or a large diaphragm and not a large abdomen and bust, or a large abdomen and not a large diaphragm and bust. I prefer to stiffen the outer edges of the flaps 13 and 14 with covered bone or steel busks 26 which prevent the material from wrinkling and hold the elastic straps in position so that they will effect their proper pull and control. The tabs 23 at the outer extremities of the elastic straps

may also be stiffened by similar inserts 27 if desired.

It will be seen from the above that the only attachment between the girdle and the flaps 13 and 14 is along the lines of stitches 17. The fact that the flaps are detached from the girdle at all other points gives the garment flexibility when the wearer is stooping over or bending side-ways, the angular position of the elastic straps causing the flaps to go back in place when the wearer assumes an upright position. Another important feature of this construction is that it is adjustable to different waist lines, the detached back portion of the garment being flexible enough to move up and down as much as two inches. The hook side of one of the elastic straps 22 may be provided with a governor fastener consisting of an elastic band 28 having a hook adapted to engage any one of a vertical series of eyelets 29 on the back section 4 of the girdle. This fastener prevents the elastic control straps and the flaps 13 and 14 from sliding up beyond a certain limit when the wearer stoops over, but it may be eliminated if the wearer desires.

It will be clear from Fig. 2 that the elongated front panel 1 extends above the remainder of the girdle, and that this panel is arranged to cover the diaphragm and abdomen as previously described. In order to effect the proper flattening of the diaphragm and abdomen I prefer to employ an inside panel 30 which lines the inner face of the panel 1 and contains a plurality of stiffening busks 31 as shown in Fig. 2. The back section 4 is preferably provided with spaced pairs of stiffening busks 32 extending substantially the full width of the girdle, while the side sections 5 and 6 are provided with single busks 33 extending from the top to a point below the waist line.

The connection of the shoulder straps 34 is best shown in Fig. 2, from which it will be seen that the forward end of each strap is attached to the upper edge of the brassière while the rear end is attached to the upper edge of the back section 4 of the girdle. This arrangement prevents strain over the shoulders when the wearer assumes a stooping or sitting position. The girdle has garters 35 attached to the lower edges of the front panel 1, back section 4 and side sections 5 and 6.

The garment shown in Figs. 5 and 6 is a variation of that shown in the foregoing views, in that it has only two elastic control straps instead of three. The girdle itself has an elongated front panel 36 attached to an inelastic front section 37, a back section 38, side elastic sections 39 and 40, an elastic gore 41 in the lower edge of the front panel, and garters 42 attached to the front panel and back section.

The brassière 43 is attached to the upper

edge of the front panel 36, and the shoulder straps 44 are secured to the brassière and the back section 38 in the manner previously described. The loose flaps 45 and 46, and flap segments 47 and 48, are also constructed and arranged in the manner previously described except that the vertical stiffening busks 49 are spaced slightly from the outer edges of the flaps 45 and 46 but serve the same purpose as the busks 26 in Figs. 1 to 4.

The broad elastic straps 50 have the same downward pull in controlling the bust as have straps 20 in the garment previously described, and the broad elastic straps 51 have the same horizontal pull controlling the diaphragm as the straps 21 in the previous garment. The general direction of the tension of these straps is indicated by the arrows *a* and *b* in Fig. 6.

It will be evident that various changes may be made in the details of construction herein shown and described without departing from the scope and spirit of the invention as defined in the appended claims.

The invention claimed is:

1. A combination garment comprising a girdle having a front panel arranged to cover the diaphragm and abdomen, a brassière attached to the upper edge of said panel, loose flaps attached to the ends of the brassière and the sides of said panel and extending rearwardly beyond the sides of the girdle, sets of elastic straps attached to the outer ends of said flaps in position to exert a downward pull on the ends of the brassière and a horizontal pull across the upper portion of said front panel, and means for connecting said sets of straps together at the back of the garment.

2. A combination garment comprising a girdle having a front panel arranged to cover the diaphragm and abdomen, a brassière attached to the upper edge of said panel, loose flaps attached to the ends of the brassière and the sides of said panel and extending rearwardly beyond the sides of the girdle, sets of elastic straps attached to the outer ends of said flaps and including an upper strap arranged at an angle to exert a downward pull on the ends of the brassière and another strap in position to exert a pull across the upper portion of said front panel, and means for connecting said sets of straps together at the back of the garment.

3. A combination garment comprising a girdle having a front panel arranged to cover the diaphragm and abdomen, a brassière attached to the upper edge of said panel, loose flaps attached to the ends of the brassière and the sides of said panel and extending rearwardly beyond the sides of the girdle, sets of elastic straps attached to the outer ends of said flaps and including an upper strap arranged at an angle to exert a downward pull on the ends of the brassière, a cen-

tral horizontal strap in position to exert a pull across the upper portion of said front panel and a lower strap arranged at an angle to exert an upward pull on the lower portion of said front panel, and means for connecting said sets of straps together at the back of the garment.

4. A combination garment comprising a girdle having a front panel arranged to cover the diaphragm and abdomen, a brassière attached to the upper edge of said panel, loose flaps attached to the ends of the brassière and the sides of said panel and extending rearwardly beyond the sides of the girdle at about the waist line, sets of elastic straps attached to the outer ends of said flaps in position to exert a downward pull on the ends of the brassière and a horizontal pull across the upper portion of said front panel, means for connecting said sets of straps together at the back of the garment while permitting them to move with respect to the girdle, and shoulder straps each having one end connected to the brassière and the other end connected to the back of the girdle.

5. A combination garment comprising a girdle having a front panel arranged to cover the diaphragm and abdomen, a brassière attached to the upper edge of said panel, loose flaps attached to the ends of the brassière and the sides of said panel and extending rearwardly beyond the sides of the girdle, sets of elastic straps attached to the outer ends of said flaps and including an upper strap arranged at an angle to exert a downward pull on the ends of the brassière and another strap in position to exert a pull across the upper portion of said front panel, means for stiffening the outer ends of said flaps adjacent the attached ends of said straps, and means for connecting said sets of straps together at the back of the garment.

6. A combination garment comprising a girdle having a front panel arranged to cover the diaphragm and abdomen, a brassière having a front portion attached to the upper edge of said panel and opposite ends extending loosely beyond the sides of said panel, loose flaps attached to the loose vertical and horizontal ends of the brassière and the sides of said panel and extending rearwardly beyond the sides of the girdle, sets of elastic straps attached to the outer ends of said flaps in position to exert a downward pull on the ends of the brassière and a horizontal pull across the upper portion of said front panel, and means for connecting said sets of straps together at the back of the garment.

7. A combination garment comprising a girdle having a front panel arranged to cover the diaphragm and abdomen, a brassière having a front portion attached to the upper edge of said panel and opposite ends extending loosely beyond the sides of said panel, loose flaps attached to the loose vertical and hori-

zontal ends of the brassière and the sides of said panel and extending rearwardly beyond the sides of the girdle, sets of elastic straps attached to the outer ends of said flaps and including an upper strap arranged at an angle to exert a downward pull on the ends of the brassière, a central horizontal strap in position to exert a pull across the upper portion of said front panel and a lower strap arranged at an angle to exert an upward pull on the lower portion of said front panel, means for connecting said sets of straps together at the back of the garment while permitting them to move with respect to the girdle, and shoulder straps each having one end connected to the front portion of the brassière and the other end connected to the back of the girdle.

Signed at Chicago, in the county of Cook  
and State of Illinois, this 22 day of September, A. D. 1931.

ISIDOR ROTH.

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