Aug. 4, 1931. J. COHEN 1,817,236

SELF ADJUSTING GARMENT

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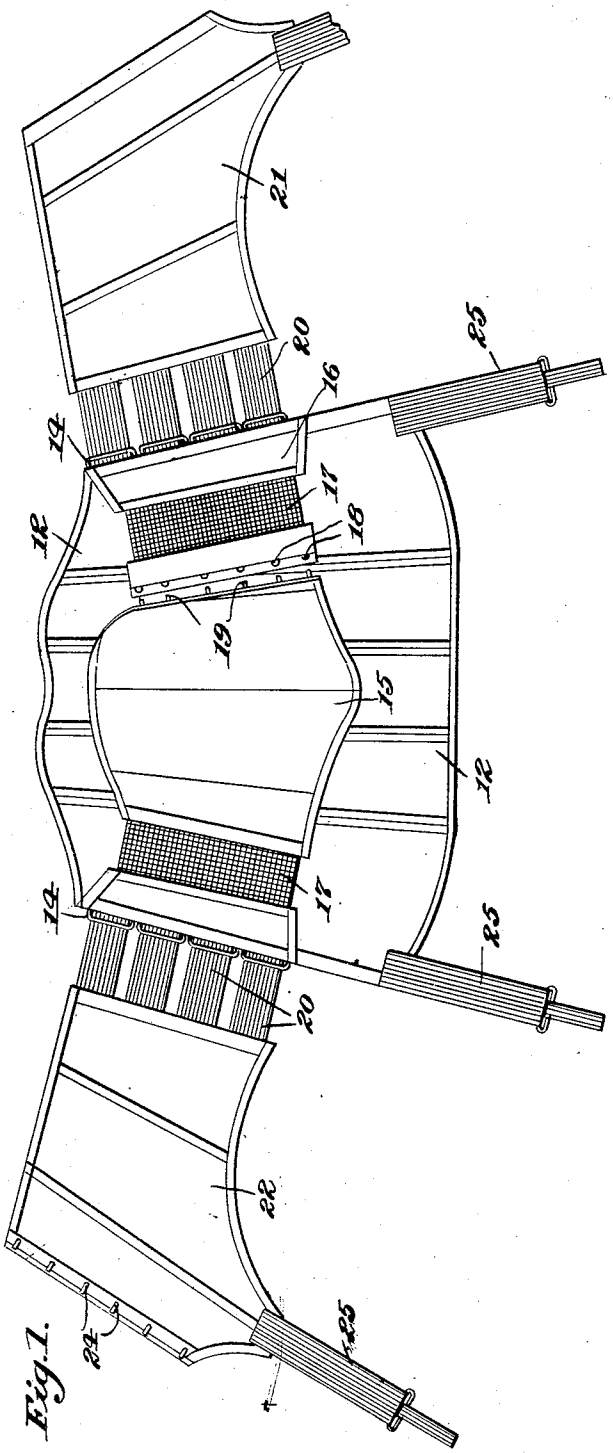


Fig. 1.

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Fig. 3.

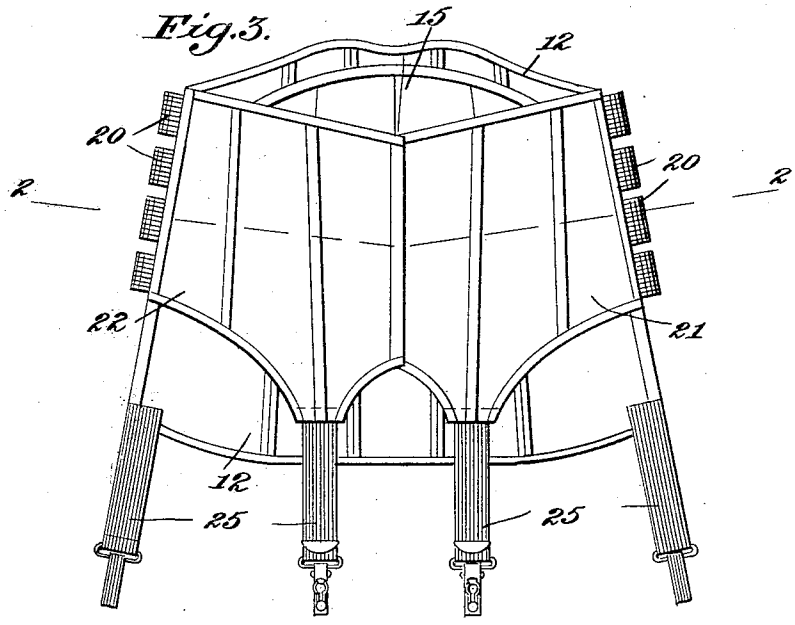
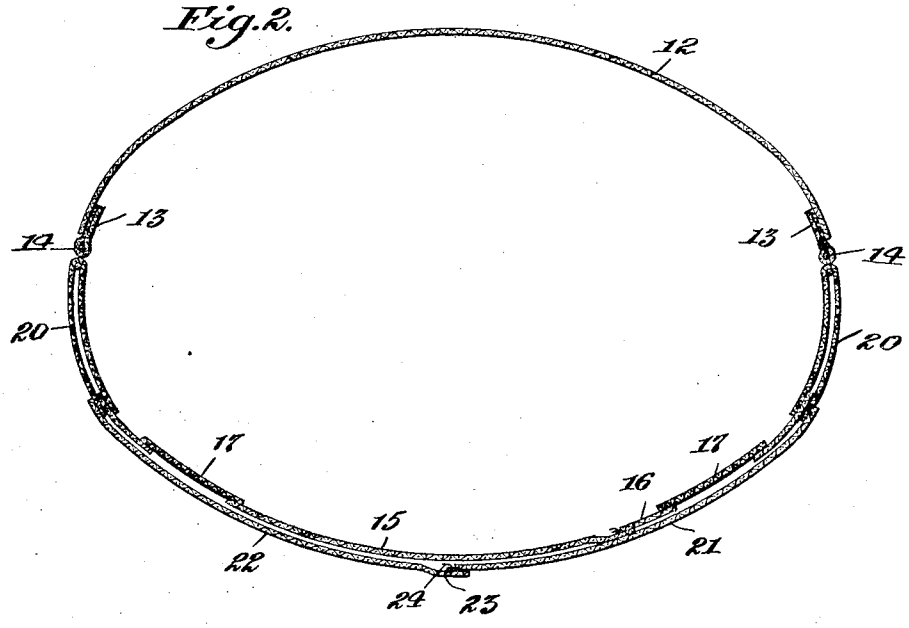


Fig. 2.



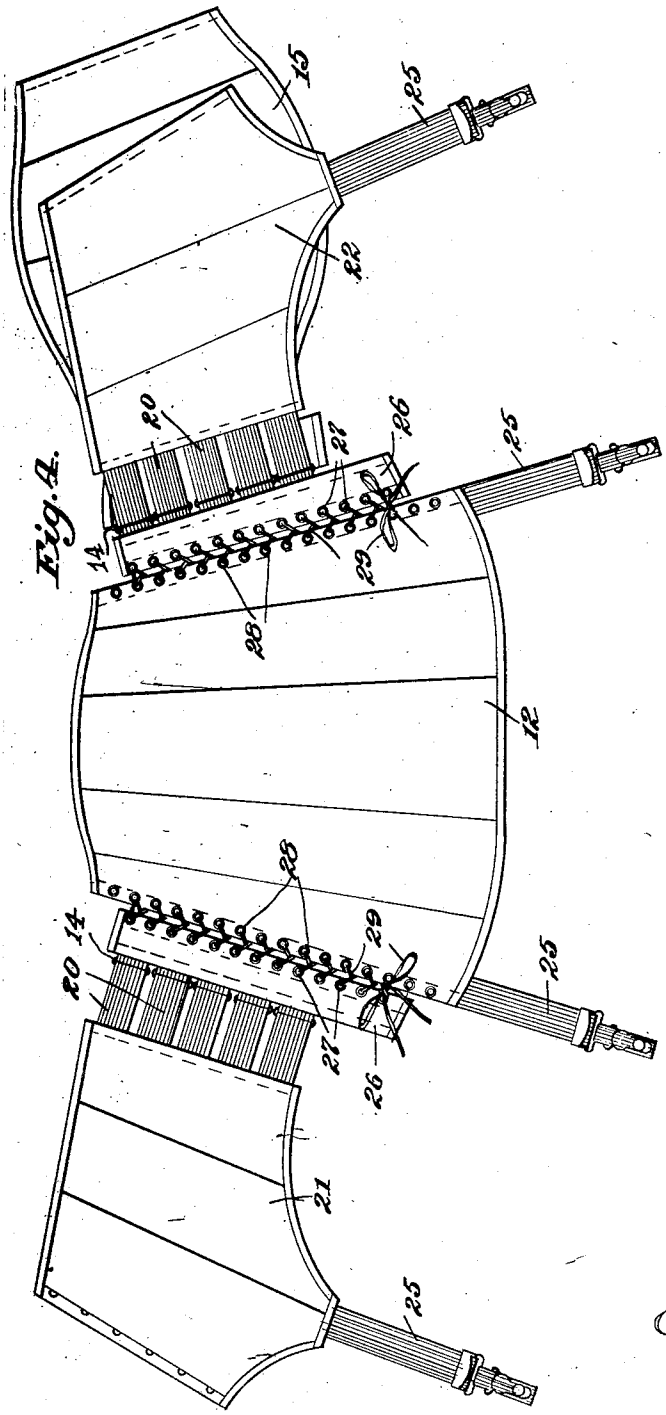
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Fig. 4.



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Patented Aug. 4, 1931

1,817,236

UNITED STATES PATENT OFFICE

JACOB COHEN, OF WORCESTER, MASSACHUSETTS, ASSIGNOR TO ROYAL WORCESTER CORSET COMPANY, A CORPORATION OF MASSACHUSETTS

SELF-ADJUSTING GARMENT

Application filed October 15, 1930. Serial No. 488,915.

This invention has for its object to provide a self-adjusting belt member more particularly intended for use on corsets, or it may also be used in connection with other compression or confining garments, such as hook-side garments, back-lace garments front-lace garments, step-ins, or any other garment of a confining nature for either women or men.

In carrying out the invention the back portion of a corset or other garment has attached to each of its sides a vertical series of metal loops through which non-elastic or other tapes attached to the opposite ends of what may be referred to as an inner belt, are adapted to slide, these tapes being also attached to two outer members which form the front of the garment and which, when the garment is in use, will be connected together in front by detachable fastenings, as hooks and eyes. The inner belt consists of two members which may be detachably connected together at the front or side of the garment by any suitable detachable fastenings, as hooks and eyes. Thus when the garment is applied to the wearer the inner belt members will first be fastened together and then the front members may be hooked or otherwise detachably secured together. When thus applied to the wearer the garment will be self-adjusting in that the tapes connected with the belt and front members of the garment are adapted to slide through the metal loops attached to the back portion of the garment, so that the garment will thus automatically adjust itself to the form or movements of the wearer.

The accompanying drawings illustrate the invention as applied to a simple form of corset, and in these drawings:

Fig. 1 is a general view of the garment with the inner belt and the front members disconnected.

Fig. 2 is a somewhat diagrammatic cross section on line 2—2, Fig. 3, to illustrate how the garment will be arranged when applied to a person.

Fig. 3 is a front view of the garment with the inner and outer belts closed.

Fig. 4 is a back view of a prefered form of the invention showing a construction which permits the connected inner belt and front members to be adjustably connected with the back of the corset.

Referring to the drawings, 12 denotes the back portion of a short corset. Attached to the opposite sides of the member 12, by looped fabric tabs 13, sewed or otherwise suitably secured to said member 12, are metal loops 14 arranged in a vertical series. The inner belt portion of the garment, in the construction shown, consists of two members 15 and 16 of unequal size and each of which may, if desired, comprise a section 17 of elastic fabric. The inner belt members 15 and 16 are intended to be detachably connected to each other by any suitable detachable fastenings consisting, in the present instance, of a series of eyes 18, at one edge of the member 16, and a series of hooks 19 at one edge of the member 15.

Loosely passing through each of the series of the metal loops 14 is a vertical series of broad parallel straps or tapes 20, said straps or tapes being connected at their opposite ends with the inner belt member parts 17, and the front member parts 21 and 22. The front member parts are provided with any suitable detachable fasteners shown, in the present instance, as a series of eyes 23, at one edge of the member 21, and a series of hooks 24 at one edge of the member 22. Thus when the garment is on a wearer the straps or tapes 20, located at the opposite sides of the garment, will be doubled or looped, as shown in Fig. 2, and can slide or reeve freely through the metal loops 14 to accommodate the form or movements of the wearer to render the garment self-adjusting. It will be noted that the straps or tapes 20, which are connected with the inner belt and the front members of the garment, are also connected with the opposite edges of the back of the garment through the metal loops 14 and the tabs 13. By virtue of the parallel arrangement of the straps or tapes 20, their connections to the back member 12, the inner belt member 15, and the front members 21 and 22 will be equally spaced.

In the form of the invention herein shown

the garment is provided with stocking supporters 25.

The inner belt consisting of the members 16 and 17, in the form of the invention herein shown, is constructed to afford an abdominal supporter, but the invention is not to be understood as being limited to this particular construction of the self-adjusting inner belt which may be of any desired form.

The inner belt members and the front members of the garment, which are connected together by the tapes 20, are preferably so mounted on the back member 12 as to be vertically adjustable thereon to accommodate different persons. This vertical adjustment is provided for, in the construction herein shown, by mounting the metal loops 14, through which the tapes 20 may reeve or slide, on holding strips 26, instead of mounting said loops directly on the back member 12 as hereinbefore described. These holding strips 26 are each provided with a row of eyelets 27 near one of its edges, and the adjacent edges of the back 12 are also each provided with a vertical row of eyelets 28 of greater length than the rows of eyelets on said strips 26 which latter are shorter than the adjacent edges of the back 12. These eyelets are connected by lacings 29. As there are more eyelets 28 on the back 12 than there are on the strips 26 it will be understood that the strips 26 may be connected with the back higher or lower, as may be desired, thus enabling the connected inner belt and front members of the garment to be adjusted vertically on the back of the garment.

From the foregoing it will be understood that the invention affords a self-adjusting garment in that the tapes connecting the inner belt members with the front members of the garment are adapted to reeve or slide loosely through the metal loops 14 so that the garment will thus automatically adjust itself to the form and movements of the wearer.

The invention may be applied to any form of a compression or confining garment, and the detachable belt and front members may be joined by any suitable detachable fastenings, as will be understood. It will thus be apparent that the invention is not limited to the specific constructions herein shown and described, as wide variations, within the province of mechanical skill, may be made without departing from the scope of the invention as defined by the claims hereunto appended.

Having thus described my invention I claim and desire to secure by Letters Patent:

1. A self-adjusting or confining garment comprising a back member, a broad inner belt member consisting of two parts provided with detachable fastenings, a front member also consisting of two parts provided with detachable fastenings, a vertical series of broad, parallel straps or tapes connected with the opposite edges of said back member and also connected with the opposite edges of the said inner belt and front members, the connections of said straps or tapes to said three members being equally spaced, and means permitting said straps or loops to slide or reeve to accommodate the form and movements of the wearer.

2. A self-adjusting or confining garment comprising a back member, a broad inner belt member consisting of two parts provided with detachable fastenings, a front member also consisting of two parts provided with detachable fastenings, a vertical series of broad, parallel straps or tapes connected with the opposite edges of said back member and also connected with the opposite edges of the said inner belt and front members, the connections of said straps or tapes to said three members being equally spaced, and a vertical series of metal loops at each edge of said back member through which said straps or loops pass and through which they may slide or reeve to accommodate the form and movements of the wearer to render the garment self-adjusting.

In testimony whereof I affix my signature.

JACOB COHEN.