April 22, 1952 L. TWYMAN 2,594,097

BODY HARNESS

Filed Nov. 15, 1949 2 SHEETS—SHEET 1

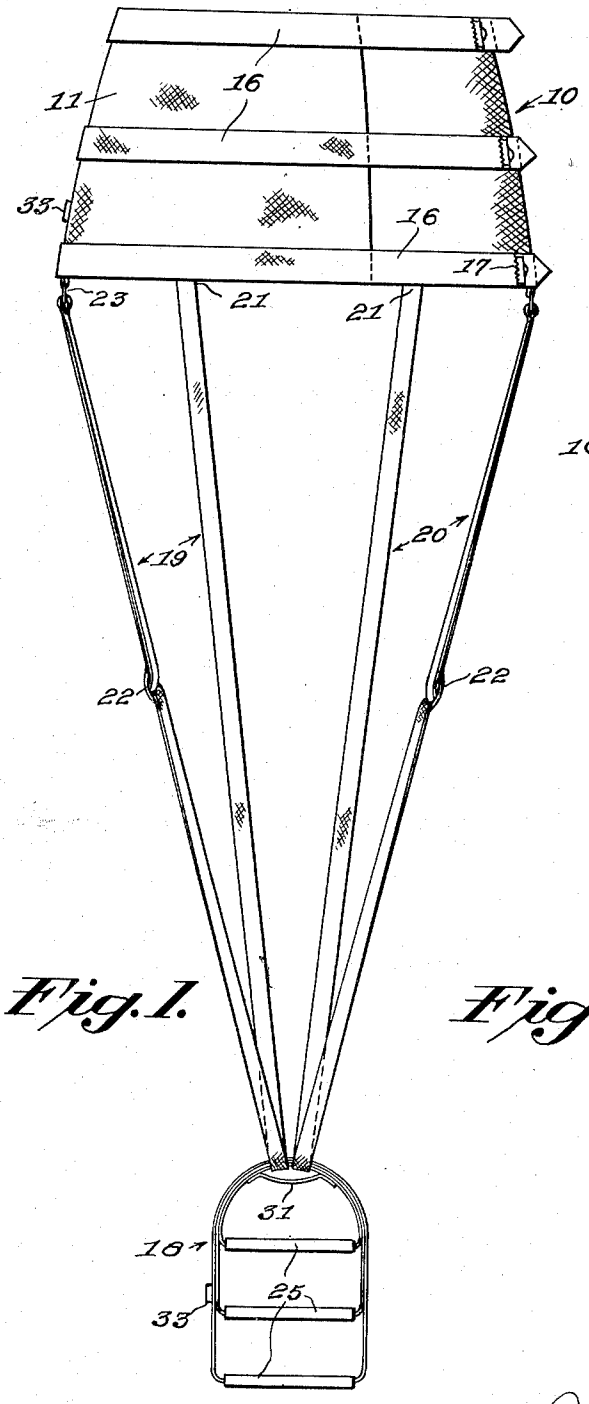


Fig. 1.

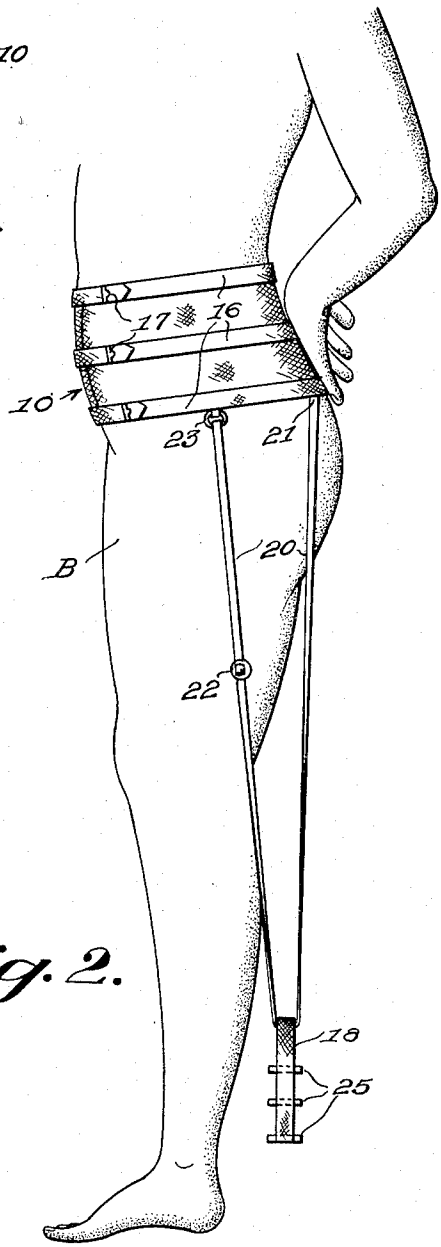


Fig. 2.

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Fig. 3.

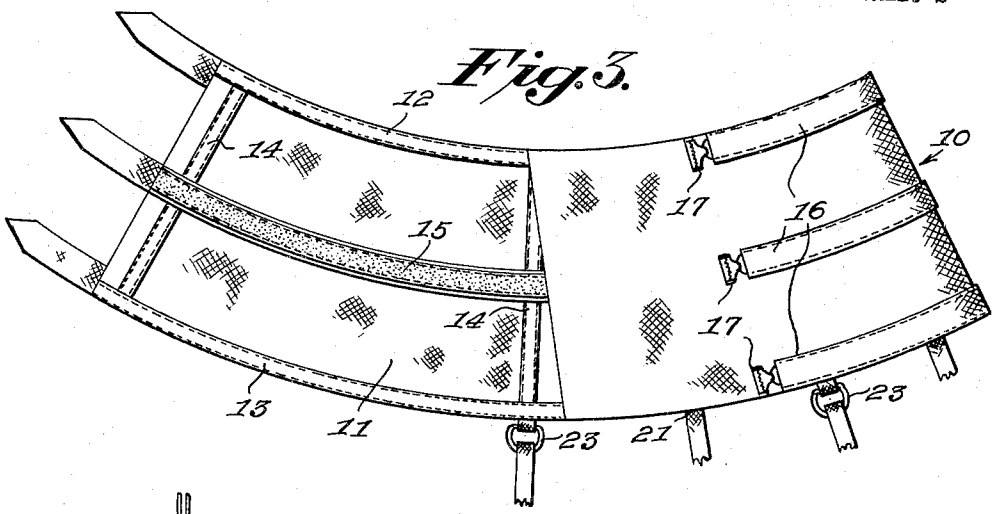


Fig. 4.

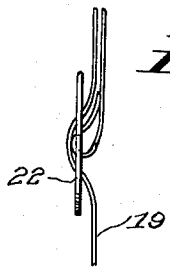
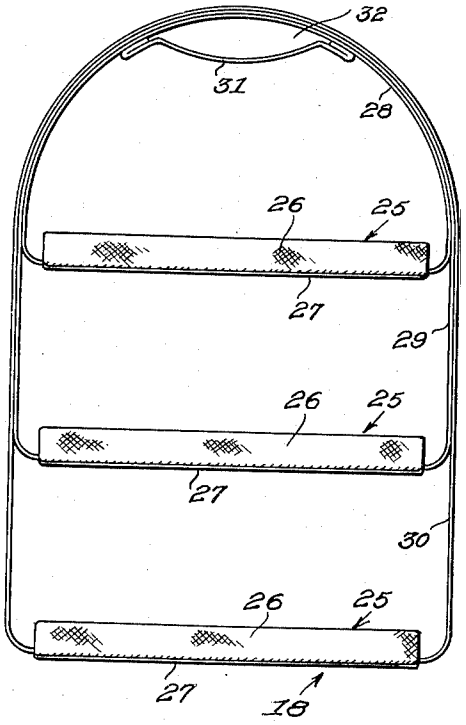


Fig. 5.



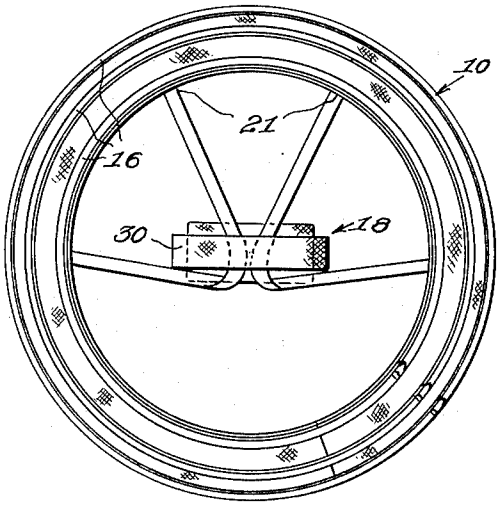


Fig. 6.

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BODY HARNESS

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6 Claims. (Cl. 128—1)

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This invention relates to a body harness adapted for use promoting and maintaining the desired compatibility in married life between husband and wife.

The primary object of the invention is to provide a body harness of a novel construction and which is adapted for use in the promotion of marital accord and thereby make the same more pleasurable and healthful for the participants.

The improved harness comprises a broad girdle for the waist and hips of the wife, which girdle is connected by small but strong straps to a stirrup for use by the foot or feet of the husband, and by which device each party holds and is easily held and supported by the other party. The stirrup is effective in large part because it is made so as to constitute a double-fulcrum, as will more fully appear.

The advantages of the invention will become apparent in the course of the following detailed description, taken in connection with the accompanying drawings, wherein—

Figure 1 is a front elevational view of the improved device.

Figure 2 is a side elevational view of the device on a smaller scale, and shown applied to the body.

Figure 3 is a view of the girdle in partially open and partially closed position.

Figure 4 is a detail elevational view showing an adjustable connection in the two straps depending from the girdle and supporting the stirrup.

Figure 5 is an enlarged front elevational view of the foot-engageable stirrup shown in Figure 1.

Figure 6 is a top plan view of the device as shown in Figure 1.

Referring now in detail to the drawing, the improved device, in accordance with a preferred structural embodiment thereof, comprises a girdle 10 adapted to surround and firmly engage the waist and hips of the wearer. The girdle is of substantial width for distribution of stresses over a corresponding area of the body of the wearer, so as not to cut or cramp but be comfortable, and such girdle is constructed of a sheet or strip of any desired strong woven fabric 11.

The fabric sheet 11 is interiorly reinforced by upper and lower comparatively narrow non-elastic woven bands or strips 12 and 13, and vertically disposed strips 14 intermediate strips 12 and 13. The sheet 11 is further provided with a longitudinally disposed friction strip 15 intermediate the strips 12 and 13 and which is to effect an adhesive or grasping action on the person of the wearer.

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The sheet 11 is provided on the outer face thereof with vertically spaced securing and adjusting non-elastic woven bands 16, which are preferably three in number as shown, and whose corresponding ends terminate substantially short of one end of the sheet 11, and are provided with easily and quickly releasable fasteners 17. The opposite ends of these bands extend beyond the corresponding end of the sheet 11 and are receivable in the fasteners 17, as indicated in Figures 1 and 2, with adjacent ends of sheet 11 in lapped relation.

A foot-engageable stirrup 18 is suspended from the girdle 10 by means of a pair of adjustable straps 19 and 20. Each strap 19 and 20 has one end 21 thereof fixed to the lower rear edge of the girdle, from which the strap extends downwardly to the stirrup 18. The strap has a sliding connection with the stirrup and extends upwardly therefrom through a slidable adjusting member 22, and further extends upwardly and thence through a ring 23 secured to the lower front edge of the girdle. The strap then extends downwardly and has its other end connected to the adjusting member 22, as is more clearly indicated in Figure 4.

The stirrup 18 includes a plurality of vertically spaced relatively rigid foot-engageable slats or supports or elevations 25, each of which includes an upper fabric cover 26 and a lower fabric cover 27 stitched to the cover 26.

The stirrup further includes nested fabric bands 28, 29 and 30, corresponding in number to that of the slats 25, and the ends of the bands are disposed between the fabric covers 26 and 27, and secured therebetween, as can be seen from Figure 5.

A fabric strip 31 has its opposite ends stitched to the inner face of the inner band 28, and provides therewith a loop 32 through which the intermediate portions of the straps 19 and 20 loosely extend.

It will be seen from the above description that the device generally comprises a wide body-engageable adjustable girdle, and a foot-engageable stirrup loosely engaged with the straps. The construction accordingly is adapted for use on persons of varying girth measurements as well as varying heights.

At this point, it is to be observed that the straps 19 and 20 are preferably connected to the girdle at points in alignment with the vertical reinforcing strips 14, and these strips, together with the strips 12, 13 and 15, and the adjusting bands 16, provide a girdle capable of withstanding substantial strains.

The improved device is shown in applied position in Figure 2, and from this figure, together with Figure 1, it will be seen that the fixed ends **21** of straps **19** and **20** are disposed at the rear of the body B or the girdle **10** and rather closely adjacent the rear center thereof, but are about 6 inches apart, while the movably connected portions of the straps at rings **23** are disposed substantially at opposite sides of the body or girdle. With this position of the straps **19** and **20** relative to the girdle **10**, the stirrup **18** will normally lie to the rear of the legs of the wearer, as indicated in Figure 2.

For convenience when the device is not in use the stirrup **18** may be detachably connected to girdle **10** by cooperating fasteners **33**, and thus temporarily carried or worn.

With the device attached to the female form, the marital companion at the appropriate time, exerts pressure in the stirrup, using one or more of the slats or stirrup elevations or supports as is most comfortable and convenient, and the body of the female wearer is drawn downward, and by the same pressure he is moved upward and firmly supported.

While I have disclosed my invention in accordance with a single specific structural embodiment thereof, such is to be considered as illustrative only, and not restrictive, the scope of the invention being defined in the following claims.

What I claim and desire to secured by U. S. Letters Patent is:

1. A device of the kind described comprising a relatively wide hips and abdomen-engageable girdle, straps supported by and depending from the girdle at opposite sides of the fore and aft center thereof, and a single foot-engageable stirrup jointly supported by the straps.

2. The structure according to claim 1, wherein said girdle is provided with adjusting and securing straps and a body-engageable friction band.

3. The structure according to claim 1, wherein said straps are adjustable and have a free sliding connection with the girdle and the stirrup.

4. The construction according to claim 1, wherein said stirrup comprises a plurality of spaced foot-engageable supports.

5. The structure according to claim 1, wherein said stirrup comprises a plurality of nested bands, and a foot-engageable support carried by each band.

6. A device of the kind described comprising a relatively wide hips and abdomen-engageable girdle, a single foot-engageable stirrup, and a pair of adjustable straps connected with the girdle and having sliding engagement with the stirrup.

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