March 25, 1947. M. G. EDELSTON 2,418,016

BRASSIERE

Filed June 18, 1945

Fig. 1

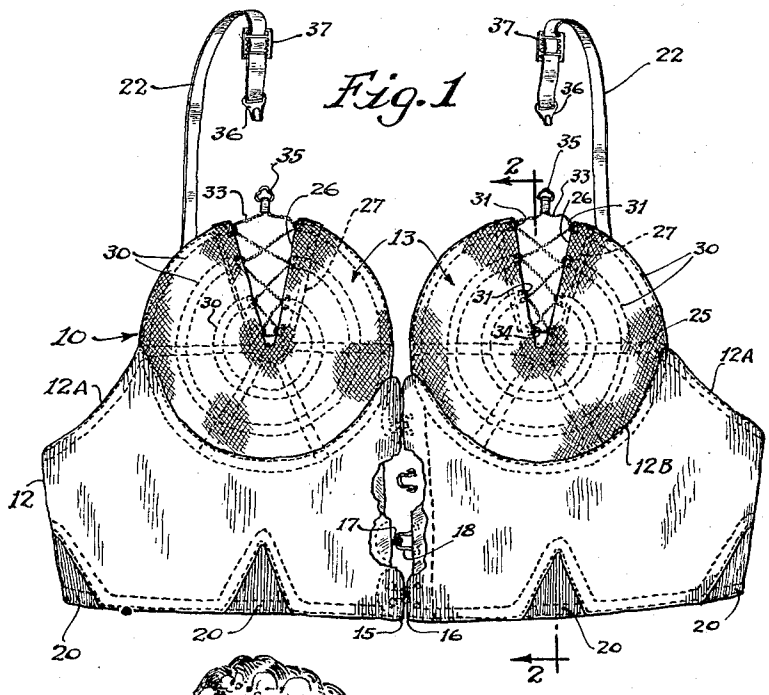


Fig. 2

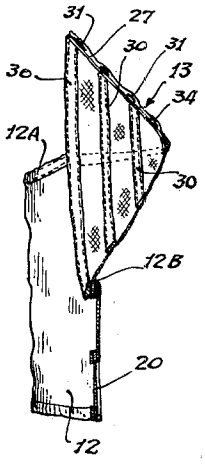


Fig. 3

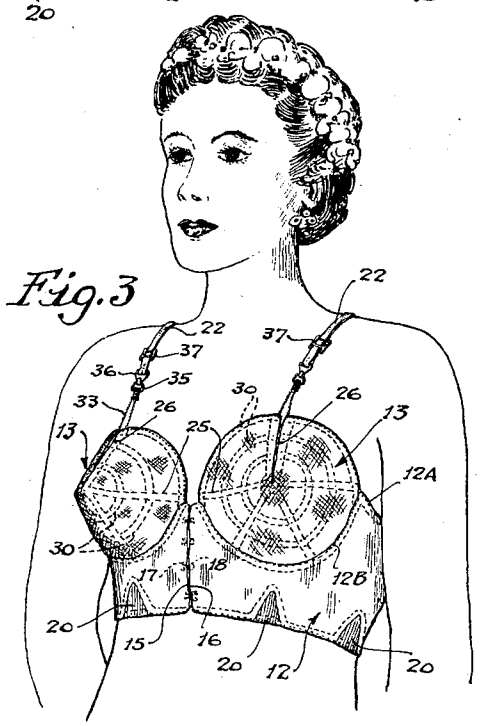
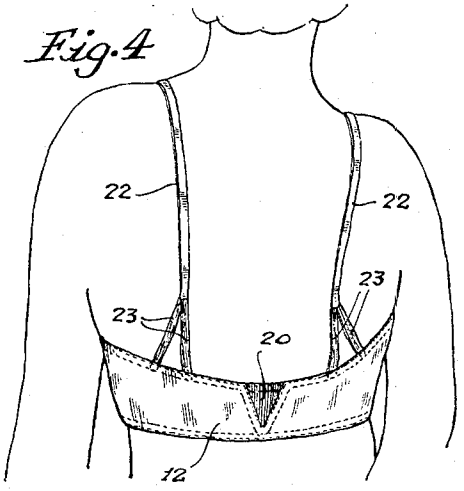


Fig. 4



INVENTOR.
Murray G. Edelston
BY
Wallace and Cannon
ATTORNEYS

Patented Mar. 25, 1947

2,418,016

UNITED STATES PATENT OFFICE

2,418,016

BRASSIÈRE

Murray G. Edelston, Chicago, Ill.

Application June 18, 1945, Serial No. 600,013

3 Claims. (Cl. 2—42)

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This invention relates to brassières and particularly to what are known as uplift brassières.

In brassières of the general character to which this invention relates, it is desirable to afford means for lifting and supporting the bust in its natural and most attractive position while at the same time insuring the maximum degree of freedom and comfort to the wearer. Prior attempts to achieve this desirable objective have found their expression in various combinations and arrangements which sometimes have succeeded at least in part in lifting and protruding the lower portion of the bust but have not attained the smooth, balanced and natural effect sought. It is, therefore, the primary object of the present invention to evenly and naturally support the entire breast; and an object ancillary to the foregoing is to afford such support through a number of uplift members spaced apart throughout the breast pockets and controlled by the shoulder straps of the garment. Another object is to provide novel means for adjustably and comfortably positioning the garment on the body of the wearer; and an object related to the foregoing is to provide elastic inserts spaced along the bottom of the supporting belt or band of the garment.

Still another object of the present invention is the provision of a brassière of the aforesaid character that is simple, inexpensive, durable, sanitary and comfortable to wear.

Other and further objects of the present invention will be apparent from the following description and claims and are illustrated in the accompanying drawings which, by way of illustration, show a preferred embodiment and the principle thereof and what I now consider to be the best mode in which I have contemplated applying that principle. Other embodiments of the invention embodying the same or equivalent principle may be used and structural changes may be made as desired by those skilled in the art without departing from the present invention and the purview of the appended claims.

In the drawings,

Fig. 1 is a front elevational view showing a brassière embodying the features of the invention, a portion of the structure being cut away to reveal the means of fastening the lower belt or band portion of the garment.

Fig. 2 is a sectional view on the plane of the line 2—2 of Fig. 1;

Fig. 3 is a perspective view of the brassière showing the same in operative position as it appears on the wearer; and

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Fig. 4 is a rear elevational view of the brassière shown in operative position on the wearer.

For purposes of disclosure the invention is herein illustrated as embodied in a brassière 10 having a fabric belt or band 12 adapted to embrace or encircle the body of the wearer just below the busts, and having generally conical bust receiving pockets 13 associated with the forward or front portions of the band 12 to receive the busts of the wearer when the brassière 10 is in its operative position. The band 12 of the brassière 10 is arranged to be releasably secured in place about the body of the wearer, and in the form herein shown, the line of separation is afforded in the front portion of the band and between the two bust receiving pockets 13. Thus, as will be evident in Figs. 1 and 3, the band 12 has vertical end edges 15 and 16 that are arranged to meet at the front of the wearer's body, and fastening means such as hooks 17 and eyes 18 are provided thereon in a conventional, concealed relationship for securing the ends 15 and 16 together.

The band 12 is so constructed and arranged that it may conform readily and easily to the form and movements of the wearer's body and this is attained by a plurality of V-shaped elastic inserts 20 that are provided in the upper and lower edges of the band 12. Thus, one such elastic insert 20 is provided along the lower edge of the band 12 directly beneath each of the bust receiving pockets 13, while other elastic inserts 20 are provided in the lower edge of the band and on each side of the band 12 so as to be located almost directly beneath the armpits when the band is in position on the body of the wearer. In the present embodiment of the invention, the upper edge of the band 12 is provided with but one elastic insert, which as shown in Fig. 4 of the drawings, is disposed so as to be located substantially in the middle of the back of the user when the band 12 is in position.

The brassière of the present invention is provided with shoulder straps 22 that may be attached to the back portions of the band 12 in any conventional manner. Such shoulder straps 22 are however arranged to include an elastic means whereby the uplift action of the bust receiving pockets is promoted, as will hereinafter be described in detail, and for this reason, I prefer to include such elastic means in the back portions of the shoulder straps 22. Thus as will be evident in Fig. 4 of the drawings, each of the shoulder straps 22 has a pair of elastic straps 23 connected

thereto, and these elastic straps 23 are extended downwardly in a diverging relationship and are secured at their lower ends to the upper edge of the band 12. The forward ends of the shoulder straps 22 are arranged to extend over the shoulders of the user and the forward ends of the shoulder straps are associated with the bust receiving pockets 13 in such a manner as to cooperate with the form and structure of the bust receiving pockets to produce a novel and improved bust supporting action.

As will be evident in Figs. 1, 2 and 3, the forward portions of the band 12 are extended upwardly at 12A, and are then cut downwardly at 12B to form arcuate upper edges that are associated with the lower arcuate edges of the bust receiving pockets 13. The bust receiving pockets 13 may be made from any suitable material that may be selected in accordance with usual standards in the art, and such pockets may be constructed as herein shown from a plurality of generally triangular segments of material that are secured together along generally radial seams 25. At their upper portions, the adjacent triangular segments of material are not secured together, thereby to afford V-shaped openings 26 in each of the bust receiving pockets 13. Such V-shaped opening extends from the upper edge of the pocket 13 to the central or forward end portion of the pocket, and along each side of the V-shaped opening 26, a suitable finishing and reenforcing seam is provided by tapes 27 sewn along the opposite edges of the slit 26. In attaining the desired bust supporting action in accordance with the present invention, each of the bust receiving pockets has a plurality of generally concentric supporting tapes 30 provided therein, and in the present case one of these supporting tapes 30 is disposed about the outer edge of the bust receiving pocket 13 and two additional tapes 30 are disposed in spaced and generally concentric relationship between the first mentioned tape and the forwardmost portion of the bust receiving pocket. The tapes 30 are arranged to terminate at the edges of the V-shaped openings 26, and are secured as by stitching to the tapes 27 and adjacent to each end of each tape 30, an eyelet 31 is secured to the reenforcing tapes 27 in what may be termed a force transmitting relation so that a lacing cord 33 may be extended through such eyelets 31 of each pocket 13.

It will be observed in Figs. 1 and 2 of the drawings that between the forward or lower portion of the V-shaped openings 26 and the ends of the first or smaller one of the tapes 30, an additional eyelet 34 is secured on each side of the V-shaped opening 26, and in respect to each bust receiving pocket 13, the lacing cord 33 is threaded back and forth across the slit 26 and through the eyelets 34 and 31 so that when the upper ends of the lacing cord 33 are pulled or tensioned upwardly, the lacing cord 33 will draw the opposite ends of the tapes 30 together and into the relationship shown in Fig. 3 of the drawings so as to thereby close the slit 26. Thus the tapes 30 constitute bust supporting or uplift members, and each of these members has an individual lifting and forming action. In attaining this result, the upper ends of the lacing cord 33 are connected together by a ring fitting 35 that is adapted to be engaged by a hook 36 that is secured to the forward end of the related shoulder strap 22. Each shoulder strap is fitted with a conventional adjusting member 37 so that the length of the shoulder strap may be adjusted to afford the desired upward pulling action or tensioning action upon the lacing cord 33.

Thus when the brassière of the present invention is put in place upon the body of the wearer, the lacing cords 33 may readily be tightened by drawing the related ring fittings 35 in an upward direction, and this will cause the bust supporting pockets 13 to be drawn from the position or relationship shown in Fig. 1 to the relationship shown in Fig. 3 of the drawings, and the hooks 36 of the shoulder straps 22 are then secured to the ring fittings 35 so as to maintain the bust supporting pockets 13 in the relationship shown in Fig. 3. In this operative position, the supporting forces are applied in an equalized and uniform manner to opposite ends of each of the uplift members 30, and hence the desired form is attained in the bust of the wearer, and yet the attainment of such form does not cause discomfort. The manner in which the uplift members 30 and the lacing cords 33 apply the supporting forces to the bust of the user is such that the parts of the brassière wil conform with the movements of the wearer, and hence the brassière of the present invention attains an even and balanced supporting action as well as a natural form in the busts of the wearer.

Thus, while I have illustrated and described the preferred embodiment of my invention, it is to be understood that this is capable of variation and modification and I therefore do not wish to be limited to the precise details set forth, but desire to avail myself of such changes and alterations as fall within the purview of the following claims:

I claim:

1. A brassière comprising a body embracing portion having a pair of bust receiving pockets at the front thereof, each of said pockets having a slit formed in its upper portion and having fabric strips secured near and extending along the edges of said slit, a plurality of eyelets secured to each of said fabric strips, a lace slidably threaded through said eyelets of each pocket in a manner to affect closure of said slit when the ends of said lace are tensioned, and brassière supporting means acting on said laces for drawing the edges of each of said slits toward each other and effective to raise a bust in the related pocket into an uplifted position as the edges of the slit are brought toward each other.

2. A brassière comprising a body embracing portion having a pair of bust receiving pockets at the front thereof, each of said pockets having a slit formed in its upper portion and having fabric strips secured near and extending along the edges of said slit, a plurality of eyelets secured to each said fabric strip, a pair of laces one of which is slidably threaded through the eyelets of each pocket in a manner to affect closure when the ends of said lace are tensioned, means including a pair of shoulder straps connected at one end to the back of the brassière body and adapted at their other ends for engagement with said laces for placing said laces in tension, a plurality of uplift members disposed in spaced relation one to the other on each of said pockets and having the respective ends thereof disposed at opposite sides of said slit and effective to raise a bust in the related pocket into an uplifted position as the edges of the slit are brought toward each other by tensioning of the related lace.

3. A brassière comprising a body embracing portion having means for releasably fastening the front end edges thereof together, a pair of bust

receiving pockets at the front thereof, each of said pockets having a slit formed in its upper portion, a plurality of uplift members disposed in spaced relation one to the other on each of said pockets and having the respective ends thereof disposed at opposite sides of said slit, and means for drawing the edges of said slit and the ends of said uplift members toward each other and effective through said uplift members to raise a bust in the related pocket into an uplifted position as the edges of the slit are brought toward each other.

MURRAY G. EDELSTON.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
1,753,996	Millman	Apr. 8, 1930
2,021,906	Whitaker	Nov. 26, 1935
2,092,390	Federico	Sept. 7, 1937
2,343,476	Rosenthal	Mar. 7, 1944

FOREIGN PATENTS

Number	Country	Date
704,756	French	Feb. 24, 1931