Aug. 5, 1952 E. KRAMER 2,605,468

ADJUSTABLE BRASSIERE FRAME

Filed Oct. 14, 1950

Fig. 1.

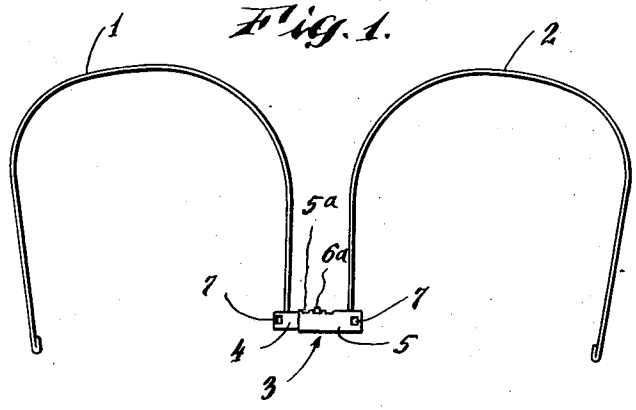


Fig. 4.

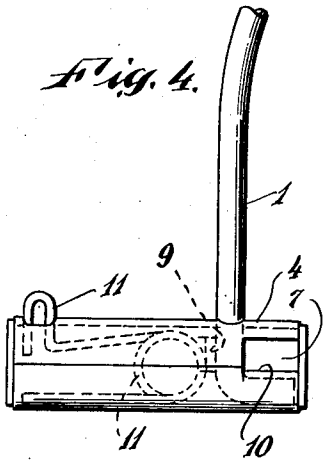


Fig. 3.

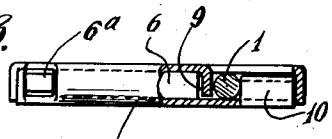


Fig. 3a.

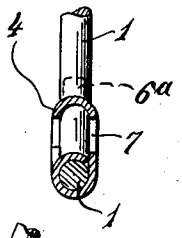


Fig. 2.

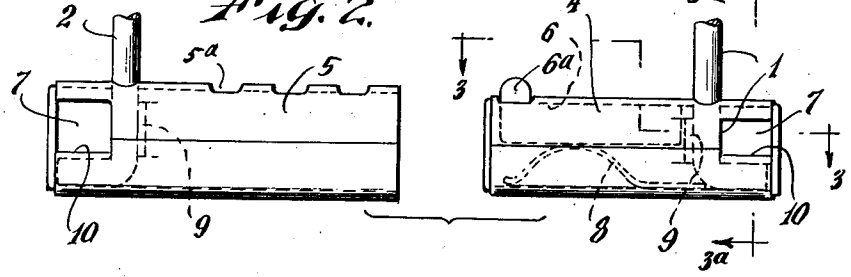


Fig. 5a.

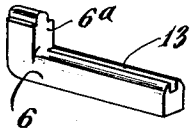


Fig. 6.

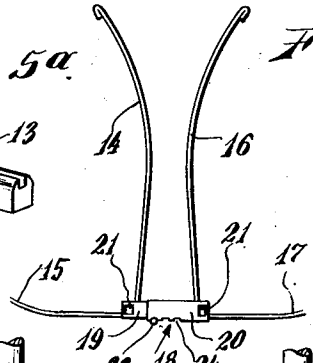


Fig. 5.

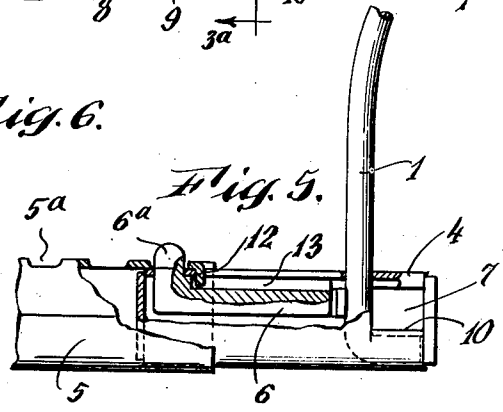
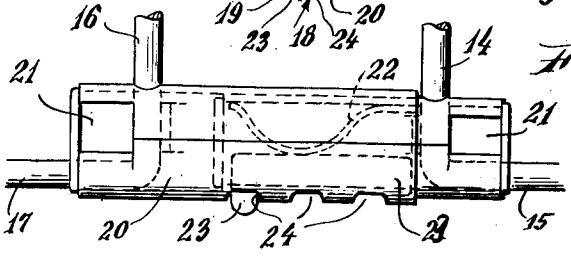


Fig. 7.



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ADJUSTABLE BRASSIÈRE FRAME

Eugene Kramer, Long Island City, N. Y.

Application October 14, 1950, Serial No. 190,097

4 Claims. (Cl. 2—42)

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This invention relates to frames for brassières, and has for its main object to provide a brassière frame which is adjustable, and permits the wearer to regulate the distance between the right and left parts of the brassière to suit the individual taste, personal measurements of the wearer, and permitting her also to compensate for a certain lack of symmetry, whenever such a condition exists.

Another object is to provide an adjustable brassière frame in which the adjustment can be made in the front by the wearer, and which may also be opened in the front, if desired; still another object is to provide such a device which is easy, simple and inexpensive to manufacture.

Further objects of the invention and novel features of construction will be apparent from the following specification when considered together with the accompanying drawings in which:

Fig. 1 is a front view of the invention;

Fig. 2 is an enlarged view of the back of the center part of the invention, as shown in Fig. 1, with the connecting means separated;

Fig. 3 is a cross section on line 3—3 of Fig. 2;

Fig. 3*a* is a cross section on line 3*a*—3*a* of Fig. 2;

Fig. 4 is a modification of the male member of the connecting means shown in Fig. 2;

Fig. 5 is another modification of the connecting means shown in Fig. 2;

Fig. 5*a* is an enlarged view of the latch used in the modification shown in Fig. 5;

Fig. 6 shows another form of the device, embodying the invention;

Fig. 7 shows an enlarged view of the back of the center portion of Fig. 6.

As shown in Figures 1, 2, 3 and 3*a*, the device consists of left wire form 1 and right wire form 2, movably connected by connecting means 3.

Said connecting means 3 consists of a male member 4 fitting into slotted tube 5, the female member of said connecting means 3. The male member carries latch 6 supported by spring 8, capable of engaging in slots 5*a* of slotted tube 5, the part engaging in the selected slot being identified as 6*a*.

The free ends of said male connecting member 4 and female member 5 each form eyelets 7, useful for sewing operations connected with the assembly of the completed brassière, for which the invention serves as a frame.

The male member 4 and female member 5 are mounted on wire forms 1 and 2 by the bent in flap 10 of said members, and are being supported by another bent in flap 9. It should be noted

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that while flap 10 is bent around the wire, bent in flap 9 is in back of the wire to support same as tension is applied against the device.

Fig. 4 shows a modification of latch 6 and spring 8 shown in Fig. 2, by substituting for these two parts a one piece spring latch 11.

Figs. 5 and 5*a* show another modification of connecting means 3 shown in Fig. 1. The modification consists in a bent down hook 12 on the female member 5 traveling in channel 13 on latch 6. This arrangement has the effect to eliminate accidental separation of the left and right parts of the brassière frame, should latch 6 become accidentally disengaged from slotted tube 5.

Figures 6 and 7 show another form of the device embodying the invention. In this construction the right and left wire forms are differently shaped, the right wire form consisting of the right upper wire 16 continuing into the right lower wire 17, and similarly the left upper wire 14 continues into the left lower wire 15. The right and left wire forms are connected by connecting means 18, consisting of male member 19 having eyelet 21, and of female member 20, also having eyelet 21. Female member 20 has slots 24 on the bottom, into which latch 23, supported by spring 22 can be engaged, the selection of the proper slot being in the discretion of the wearer.

With the constructions shown it will be apparent that by engaging the male member of the connecting means into one selected slot of the female connecting member, the distance between the left and right parts of the brassière frame can be adjusted according to the needs of the wearer. Furthermore, the male and female members of said connecting means may be completely separated, thereby opening the brassière in the front, although a modification offers also means to prevent complete separation of the male and female members of the connecting means to avoid accidental opening of the brassière in front. The wire form used can be any desired form, including the shorter, so-called separators often used in dresses; and the connecting means may be mounted either on the end of the wire, as shown in Fig. 1, or on any intermediate part of the wire form, as shown in Fig. 6. It has been found that in both cases, it is advisable to mount the connecting members on the wire in a manner which assures support to the wire in two directions substantially at right angles, in view of the tension exerted on the brassière form in actual use.

Furthermore, to facilitate the sewing of the frame to textile materials, it is advantageous to provide eyelets on both the right and left side of the connecting members.

It will be understood that changes in arrangement, size and shape of parts, manner of assembly and other details of construction may be made without departing from the spirit of the invention which is defined by the following claims.

I claim:

1. A frame for brassières having, in combination, a first and a second breast embracing wire form, an adjusting member ventrally connecting said wire forms, said adjusting member consisting of a tube mounted on the first wire form, said tube being provided with a plurality of slots, and of latching means capable of engaging into a selected slot of said tube, said latching means being mounted on the second wire form.

2. A frame for brassières as described in claim 1, having a spring member attached to said latching means, said spring member keeping said latching means engaged in said selected slot.

3. A frame for brassières as described in claim 1, said tube and said latching means having

means to prevent complete separation of said adjusting member.

4. A frame for brassières as described in claim 1, said tube being mounted on said first wire form in a manner to support said first wire form in two directions, said two directions being substantially at right angles to each other, said latching means being mounted on the second wire form in a manner to support said second wire form in two directions, said two directions being substantially at right angle to each other.

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