Dec. 28, 1926. 1,612,121

C. H. HITTENBERGER

ABDOMINAL SUPPORTER AND GIRDLE

Filed Jan. 16, 1926

Fig. 1.

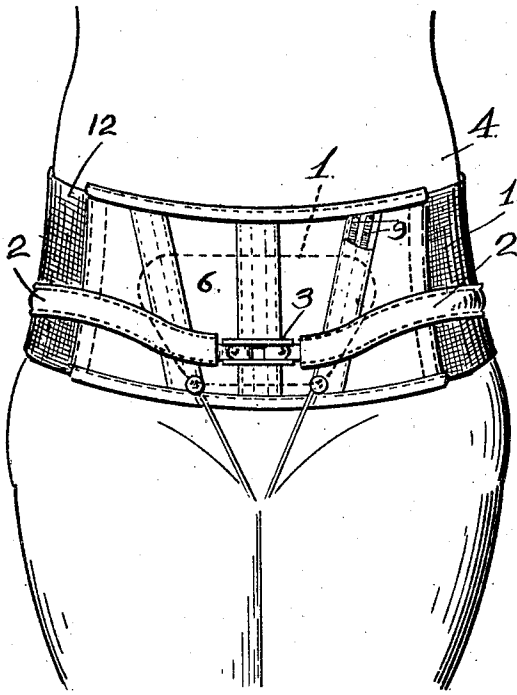


Fig. 2.

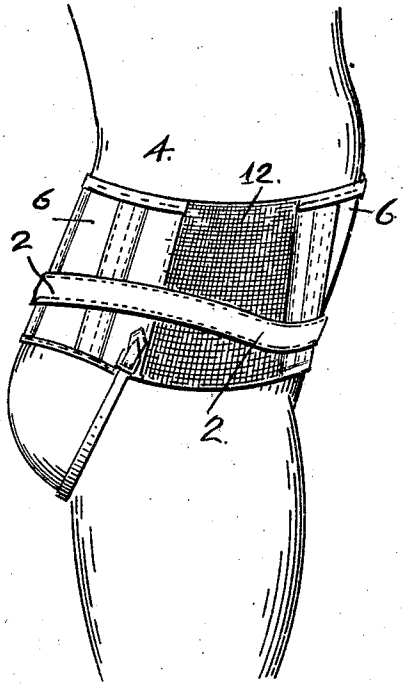


Fig. 3.

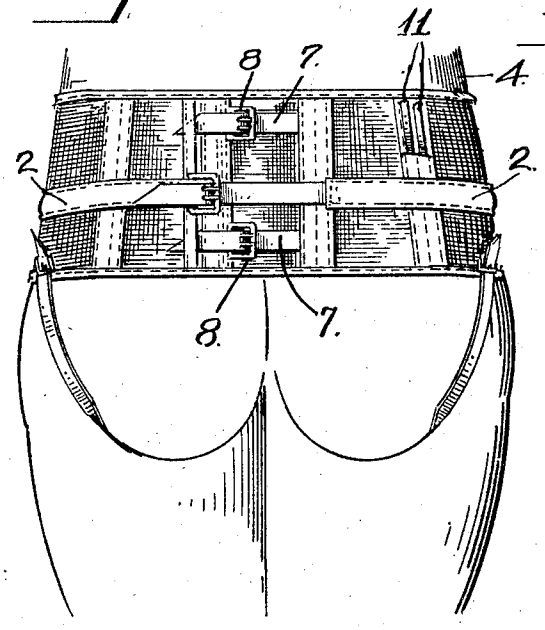
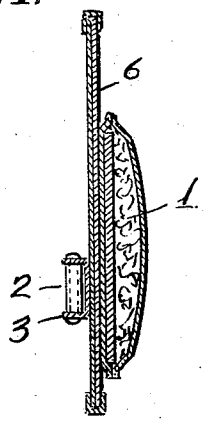


Fig. 4.



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UNITED STATES PATENT OFFICE.

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ABDOMINAL SUPPORTER AND GIRDLE.

Application filed January 16, 1926. Serial No. 81,699.

My invention relates to improvements in abdominal supporting devices wherein a pad having spring supporting members arranged to press the same inwardly and upwardly against the abdomen of a wearer is provided with a girdle secured between the pad and the spring supporting members and arranged to extend around the body to conceal the pad and preserve the regular lines of the figure.

The present invention is an improvement upon my improved abdominal support disclosed in my co-pending application Serial Number 81,698 filed January 16, 1926, whereby a support of the character disclosed in said application is rendered particularly adaptable for the use by women.

In applying and wearing supports of the character disclosed in the co-pending application above mentioned, the inward and upward pressure causes the abdomen to bulge around the edges of the pad and particularly above the upper edge of the pad. This bulging often becomes quite noticeable and is particularly objectionable to women. The primary object of the present invention therefore is to provide an improved supporting device arranged to conceal the supporting pad and to prevent objectionable bulging of the abdomen around and above said supporting pad.

Another object is to provide an improved support of the character described which may be easily applied or removed and which may be worn without discomfort to the wearer.

A still further object is to provide an improved support of the character described which will obtain an increased efficiency in supporting the abdomen of a wearer and which will effectively preserve the regular lines of the figure.

I accomplish these and other objects by means of the device disclosed in the drawings forming a part of the present specification wherein like characters of reference are used to designate similar parts throughout said specification and drawings and in which—

Fig. 1 is a front view of my improved supporting device as applied upon the body of a wearer.

Fig. 2 is a side elevation of the device as shown in Fig. 1.

Fig. 3 is a rear elevation of the device as disclosed in Figs. 1 and 2, and

Fig. 4 is a sectional detail showing the manner in which the girdle is secured between the pad and the supporting members therefor.

Referring to the drawings the numeral 1 is used to designate a pad provided with spring supporting members 2 pivotally connected to a mounting member 3 secured upon the front of the pad, said supporting members being arranged to extend around the body 4 of a wearer whereby the pad 1 is pressed inwardly and upwardly against the abdomen in the manner and for the purpose particularly described in the co-pending application above referred to.

A gridle designated in general by the numeral 6 is secured at its front between the pad 1 and the mounting member 3, said girdle being arranged to extend over the pad and to extend around the body inside of the spring supporting members 2. A pair of straps 7 and buckles 8 are secured upon the ends of the girdle and arranged to secure said ends in back of the wearer.

The girdle 6 is made of a width sufficient to cause the upper edge of the girdle to extend substantially above the upper edge of the pad 1, stays 9 are stitched or otherwise secured within the front portion of the girdle adjacent the pad 1 to keep said girdle extended above the pad when being worn. Stays 11 are also provided adjacent the ends of the girdle to keep the same extended upon the back of the wearer.

Elastic portions 12 are provided in the girdle to engage the bony prominences of the hips. The elastic portions render the girdle flexible and adapted to accommodate itself to the movements of the body, and at the same time facilitate a proper fitting and permit an effective supporting pressure to be applied upon the abdomen without imparting objectionable pressure upon the hips of the wearer.

In operation the pad 1 and spring supporting members 2 are fitted to the wearer and arranged to impart the desired inward and upward pressure upon the abdomen in the manner described in my co-pending application. When the support is applied upon the body of the wearer, the girdle is extended around the body and secured in the back by means of the straps 7 and buckles 8. As the girdle is drawn tight about the body, the front portion of the girdle is drawn against the pad, thereby assisting in holding said pad in position. At the same time, the girdle is drawn tight against the fleshy por-

tions of the abdomen and serves to prevent the bulging of said fleshy portions above and around the pad, the displacement due to the pad being thus distributed in such a manner as to preserve the natural lines of the figure and obtain a substantially normal appearance. This feature of the device is particularly important as it effectually conceals the pad and obtains an efficient support particularly suited to the requirements of women wearers.

While I have illustrated and described what I now consider to be the preferred construction of my invention, the specific details of construction and arrangement are of course subject to modification in numerous ways to meet the requirements of different individual wearers. I therefore do not wish to restrict myself to the specific form and construction illustrated and described, but desire to avail myself of all modifications which may fall within the scope of the appended claims.

Having thus described my invention what I claim as new and desire to secure by Letters Patent is:

1. The combination with an abdominal support comprising a pad and a pair of spring members arranged to extend around the body of a wearer and press said pad upwardly and inwardly against the abdomen, of a girdle extending between the pad and the spring member and arranged to extend around the body of the wearer to conceal the pad and to preserve the lines of the figure.

2. The combination with an abdominal support comprising a pad and a pair of spring members arranged to extend around the body of a wearer and press said pad inwardly and upwardly against the abdomen, of a girdle secured between the pad and the spring members and arranged to extend around the body of the wearer to conceal the pad, said girdle extending upwardly above the pad and being provided with stays adjacent the pad to prevent bulging of the abdomen above said pad, said girdle also being provided with elastic portions arranged to engage the bony prominences of the hips; and means for securing the ends of the girdle in back of the wearer.

In witness whereof I hereunto set my signature.

CARL H. HITTENBERGER.