

March 29, 1949.

M. RUBINGER

2,465,754

TRUSS SUPPORTER

Filed April 2, 1947

Fig. 1.

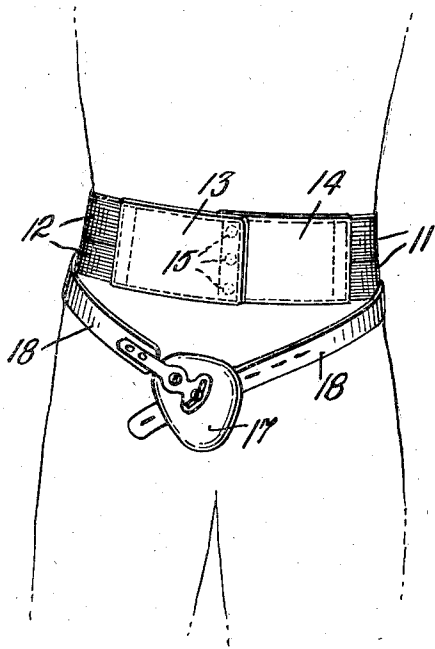


Fig. 2.

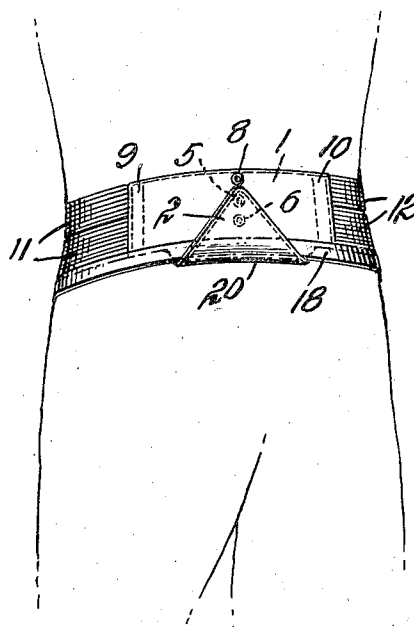


Fig. 3.

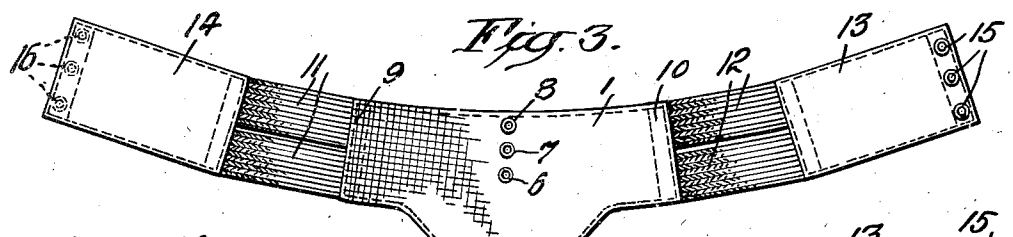
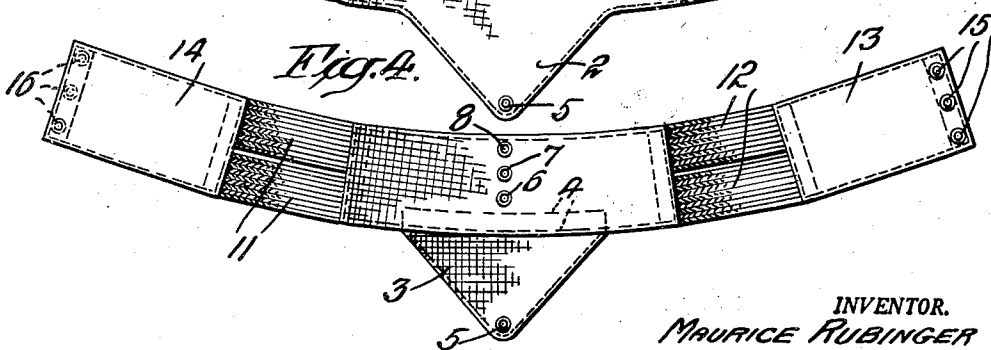


Fig. 4.



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2,465,754

TRUSS SUPPORTER

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Application April 2, 1947, Serial No. 738,840

1 Claim. (Cl. 128—101)

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This invention relates to supporting means for trusses, and has for its primary object, the provision of means for maintaining a truss in proper position of use to afford the wearer the maximum of comfort, at the same time enabling the truss to effectively function in the manner intended.

The shape, weight and construction of many trusses intended to be worn for the correction of hernia, is such that the same cause the wearer considerable discomfort, due to the tendency of the truss to slip down or descend. The result is that the wearer is often compelled to periodically adjust or raise the truss, which not only is a source of embarrassment but is annoying and irritating to the wearer.

The primary object therefore, of the present invention is to provide a support, in the form of a substantially wide belt or band, and preferably one which is at least, elastic in part, and which is provided with an adjustable, upturned extension or flap at the rear, constituting an adjustable loop within which the waist-encircling band of the truss is held, to thereby support the truss at the requisite position.

This and other objects are attained by the structure disclosed in the drawing, described in the specification, and set forth with particularity in the claim appended hereto.

In the accompanying drawing, wherein an illustrative embodiment of the invention is disclosed, Fig. 1 is a front elevational view of the improved truss-support showing how the same appears in position of wear; Fig. 2 is a rear view of the same; Fig. 3 is a face view of the support, in open position, and Fig. 4 is a view of a modified construction.

With reference to the structure disclosed in Figs. 1 to 3 inclusive, 1 indicates the rear panel section of the supporting belt, the same being preferably, but not necessarily, of inelastic textile fabric. The panel 1 is located at the center of the belt at the rear thereof, and in the embodiment shown, is provided with downwardly extending triangulated flap or tab 2. Said tab or flap 2 may, if desired, be formed as an integral downward extension of the panel 1, or it may, as shown in Fig. 4, consist of a supplemental triangulated section of fabric 3 secured to the lower edge portion of the panel 1, as indicated by the stitching 4.

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At the apex or lower termination of the flap or tab 2 is provided a snap-fastener element 5 which is adapted for selective interengagement with any one of the complementary snap-fastener elements indicated at 6, 7 and 8 located in spaced relation on the face of the panel 1.

At the opposite ends 9 and 10 of the panel 1 is attached elastic sections or inserts 11 and 12. The elastic inserts 12 are secured to a front tab 13 and the inserts 11 are similarly attached to the front tab 14, and when the belt is worn, the two front tabs 13 and 14 are secured together by the interengagement of the snap-fastener elements 15 and 16 with which they are respectively provided. The elastic inserts 11 and 12 are so located that these parts of the belt are positioned over the hips of the wearer.

The manner in which the device appears when in use is shown in Figs. 1 and 2, wherein it will be noted that the support or belt is fitted about the waist in the manner of any conventional type of belt, and the elasticity in the inserts 11 and 12 will enable the support to be worn with comfort and cause it to hold its position about the waist. The truss, shown at 17 is provided with the conventional waist-encircling band or strap 18, and said band or strap 18 is supported at the back of the wearer by means of the tab or flap 2 which is folded upwardly to form a supporting loop 20 for the strap 18, and maintained in such loop formation by the engagement of the snap-fastener element 5 with any selected one of the fastener elements 6, 7 or 8. This will be clearly noted in Fig. 2. Since the fastener elements 6, 7 and 8 are located one above the other it will be apparent that the formation of the loop is regulatable and the effective size of the loop is governed by the particular fastener element 6, 7 and 8 engaged by the fastener element 5. Accordingly, the height at which the waist-encircling strap 18 of the truss is supported will be controlled by the adjustment of the loop formed by the tab or flap 2 as above pointed out. Since the base or wider end of the triangulated flap or tab 2 forms the bottom of the loop 20 it will be noted that the waist band or strap 18 of the truss is supported at the back of the wearer for a substantial distance, thus distributing the weight of the truss over a considerable portion of the belt and

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affording a maximum degree of support for the truss.

The elastic nature of the inserts 11 and 12 of the belt is such that the belt will fit snugly about the waist without binding or causing discomfort and the relatively wide width of the belt will prevent it from being pulled downwardly by the truss, with the result that the truss will be always supported at the right height and position to afford the maximum comfort and usefulness to the wearer.

Having described one embodiment of the invention, it is obvious that the same is not to be restricted thereto but is broad enough to cover all structures coming within the scope of the annexed claim.

What I claim is:

A support for trusses comprising, a waist-en-circling belt having elastic inserts located over the hips of the wearer, the belt being provided with a centrally located inelastic rear panel, a

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flap forming an integral part of and dependent from said panel, said flap being upturned to form a loop through which the waist band of a truss is disposed and is slidably adjustable, and means for attaching the end of the flap to the panel to maintain the flap in loop formation.

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REFERENCES CITED

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

UNITED STATES PATENTS

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15 567,568	Hessels	Sept. 8, 1896

FOREIGN PATENTS

Number	Country	Date
16,962	Great Britain	1889

20