

A. M. HUREL.
TRUSS.
APPLICATION FILED DEC. 19, 1911.

1,062,158.

Patented May 20, 1913.

Fig. 1.

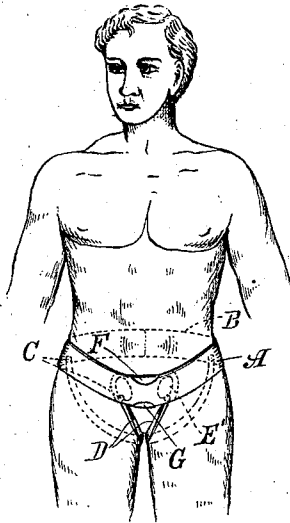


Fig. 2.

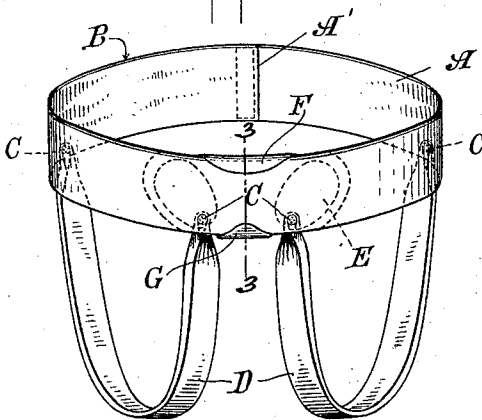


Fig. 3.

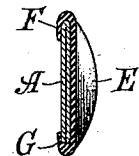
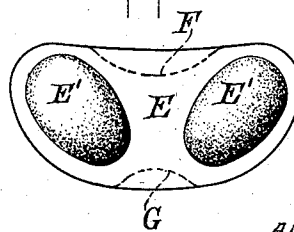


Fig. 4.



WITNESSES

E. V. Rasmussen
John A. Kellum

INVENTOR

A. M. HUREL

BY

Briesen & Smith
ATTORNEYS

UNITED STATES PATENT OFFICE.

AMAND MARTIN HUREL, OF NEW YORK, N. Y.

TRUSS.

1,062,158.

Specification of Letters Patent.

Patented May 20, 1913.

Application filed December 19, 1911. Serial No. 666,769.

To all whom it may concern:

Be it known that I, AMAND MARTIN HUREL, a citizen of the French Republic, and a resident of Rosebank, Staten Island, county
5 of Richmond, city and State of New York, have invented certain new and useful Improvements in Trusses, of which the following is a specification.

My invention relates to trusses for the
10 cure and reduction of ruptures, or for preventing the increase in size of irreducible hernia and has for its object to provide such a truss which when in position on the body
15 will be firmly and securely held against displacement and which will exert the proper pressure at the desired point or points without inconvenience to the wearer and which
20 will not interfere with the ordinary and usual movements of the person wearing the truss.

Another object of my improvement is to provide said truss with a removable and easily interchangeable and adjustable pad
25 so that different pads may be substituted one for the other in the same truss and any one pad may be adjusted to different positions thereon.

My invention will be fully described hereinafter and the features of novelty will be
30 pointed out in the appended claim.

Reference is to be had to the accompanying drawings in which—

Figure 1 illustrates the truss in position on a human being; Fig. 2 is a perspective
35 view of my improved truss; Fig. 3 is a cross section thereof on the line 3—3 of Fig. 2; and Fig. 4 is a face view of one form of my improved pad.

The truss comprises an elastic band A
40 doubled or bent upon itself so as to have a substantially inverted U-shape in cross-section, and having its ends secured together by sewing or otherwise as indicated at A'
45 to form a continuous or endless elastic belt. The bend or fold B forms the upper edge of the truss and the lower edge thereof is formed of the adjacent edges of the doubled or folded band which are connected together only at intervals by sewing, or eye-
50 lets or other suitable fastening means C and are otherwise preferably separate and disconnected from each other. Straps D comprising endless loops of doubled material are arranged to pass between the folds of the
55 band and over said eyelets or other fastening means C so as to run or slide freely

thereover. The fastening means C are so located on the truss that the straps D will pass beneath the crotch of the wearer at the front and then to the rear and under the
60 buttocks to a point at the back of the waist line as shown in Fig. 1 so as to extend about the legs of the wearer for the purpose to be more clearly described hereinafter.

The pad which in the present instance I
65 have shown as a double pad comprises a plate E of suitable material with the necessary projections E' formed thereon and having turned over portions or hooks F and G
70 arranged to extend over the upper and lower edges respectively of the truss and thus support said pad in the desired position. The distance between the inside opposite surfaces of the hooks F and G is such, relatively to
75 the width of the band A, that said band will be clamped therebetween and the pad consequently held in position by friction against accidental displacement circumferentially of the band.

The truss is placed in position by drawing
80 the band A over the feet and legs which pass through each double loop D and then raising said band until it reaches the waist line, the elasticity of the said band making this readily possible. The pad E may be
85 placed in position either before or after the band A has reached the waist as may be desired. After this position has been reached the front or other portion of the band is drawn downwardly or otherwise adjusted so
90 as to bring the projections E' of the pad E over the ruptures, the loops or straps D meantime adjusting themselves about the legs of the wearer by slipping or sliding freely
95 over the fastening devices C and securely holding the pad in the desired position. In this condition of the truss the elastic band A firmly presses the pad against the body at the desired point or points and the straps or loops D prevent an upward movement
100 thereof. It will be seen that by passing said straps beneath the buttocks the entire band A is firmly held against displacement in an upward direction. Displacement in a
105 downward direction is prevented by the hips and buttocks of the wearer and owing to the fact that the elastic band A hugs the waist of the wearer under pressure. It will be seen that other pads may readily be substituted for the one in use, or said pad may
110 be adjusted relatively to the band without necessitating the removal of the truss, so

that the pads may thus be easily and conveniently removed from the band and interchanged. It is to be understood that the ends of the bands A are secured together
5 and the fastening devices C incorporated in the truss in a manner to secure a perfectly smooth inner surface without any inequalities or projections to annoy the wearer. It will further be seen that the truss is easily
10 and quickly adjusted to the desired position and when in position is firmly held against displacement without interfering with any of the ordinary or usual movements of the wearer. The truss is also easily and cheaply
15 manufactured and is readily maintained in a sanitary condition.

Various changes in the specific construction shown and described may be made

within the scope of the claim without departing from the spirit of my invention. 20

I claim:

A truss comprising an endless band of elastic material folded upon itself, a pad on said band, means for connecting the folds of said band together at intervals, and endless
25 doubled loops slidable over said connecting means and arranged to extend about the legs of the wearer for securing said band in position.

In testimony whereof, I have hereunto set
30 my hand in the presence of two subscribing witnesses.

AMAND MARTIN HUREL.

Witnesses:

JOHN A. KEHLENBECK,
G. V. RASMUSSEN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."