

No. 720,019.

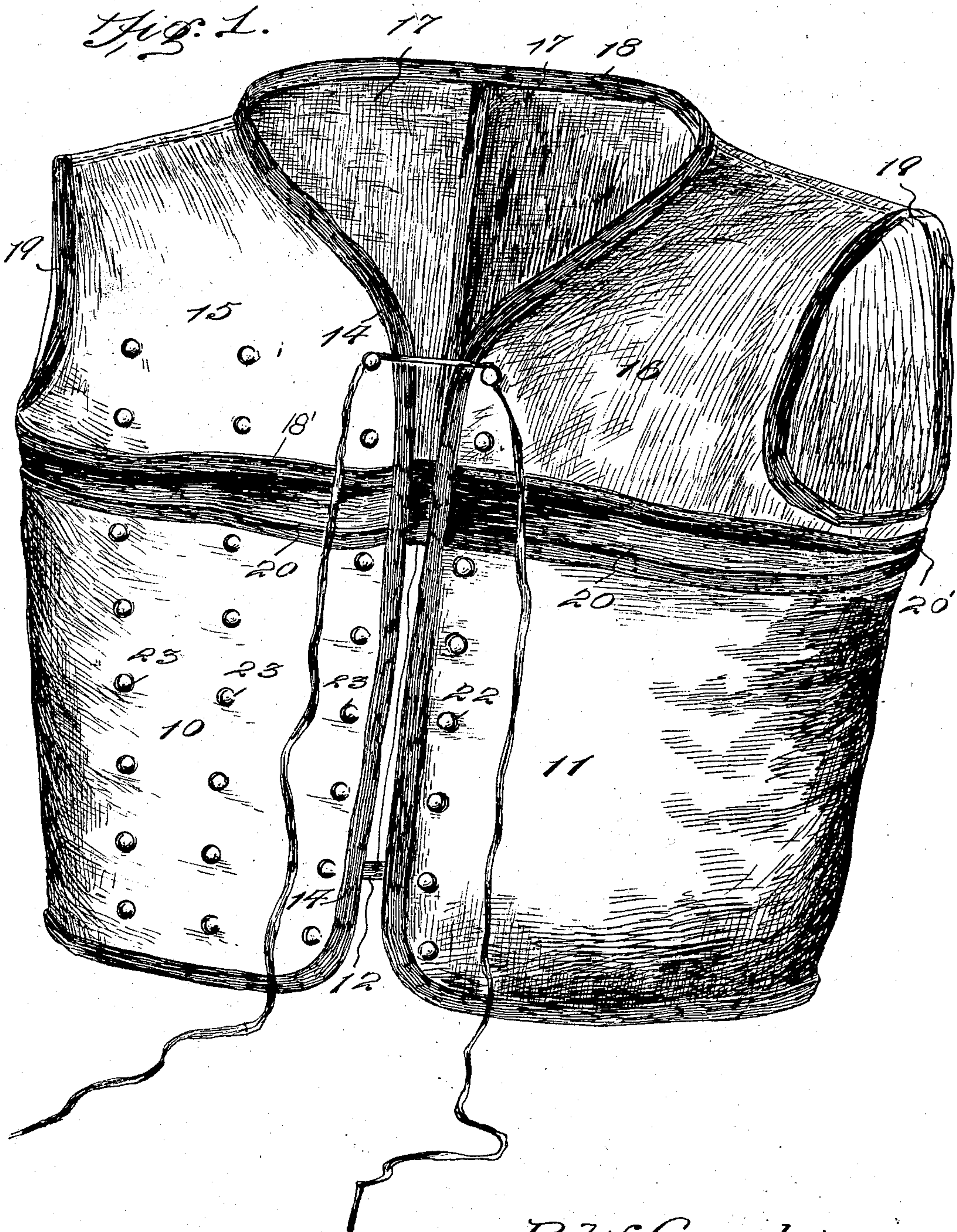
PATENTED FEB. 10, 1903.

R. W. GRENDON.  
MEASURING VEST.

APPLICATION FILED APR. 28, 1902.

NO MODEL.

2 SHEETS—SHEET 1.



Witnesses  
*E. H. Newell*  
*J. M. Parker*

R. W. Grendon, Inventor  
By *C. A. Snow & Co.*  
Attorneys



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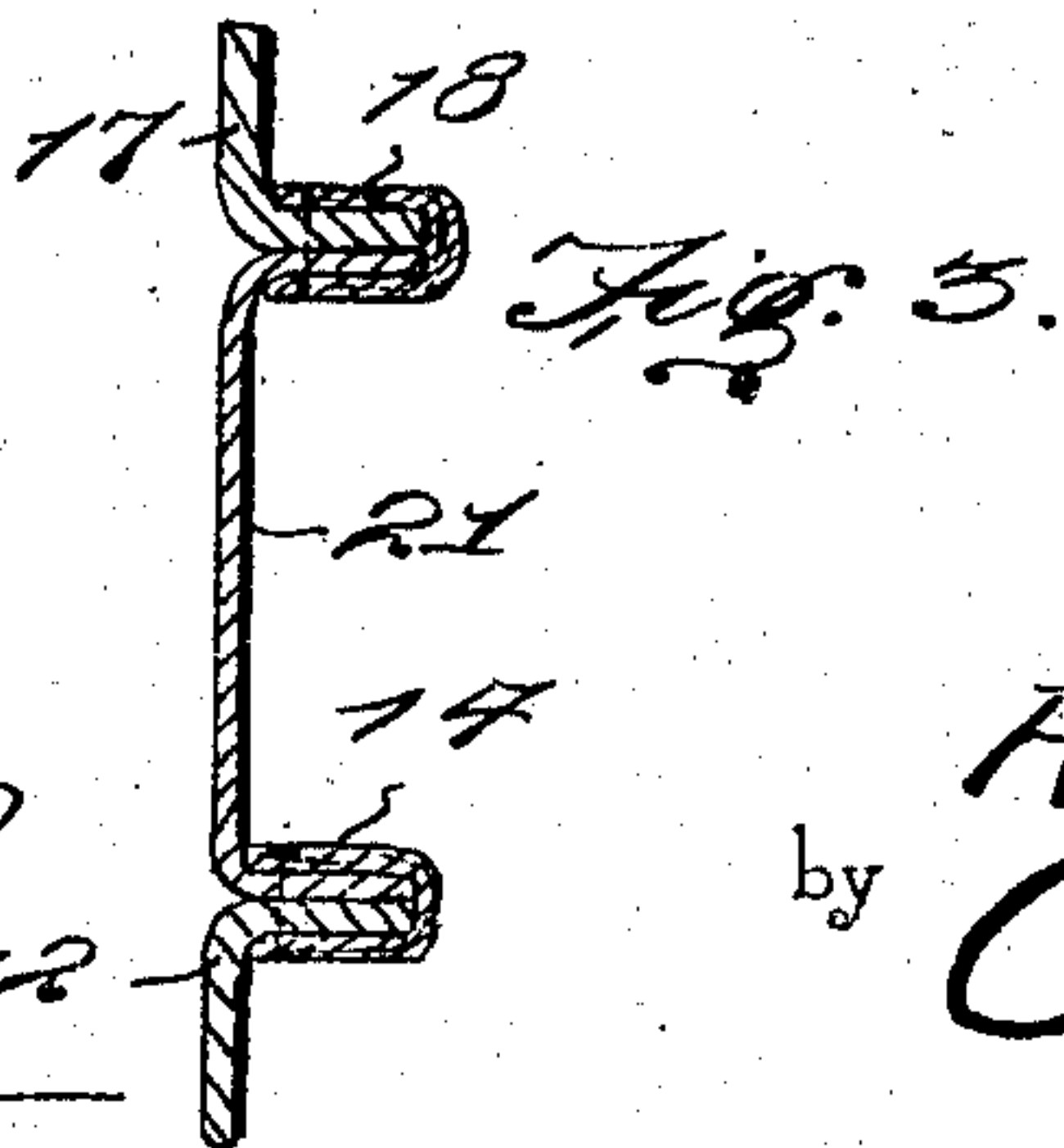
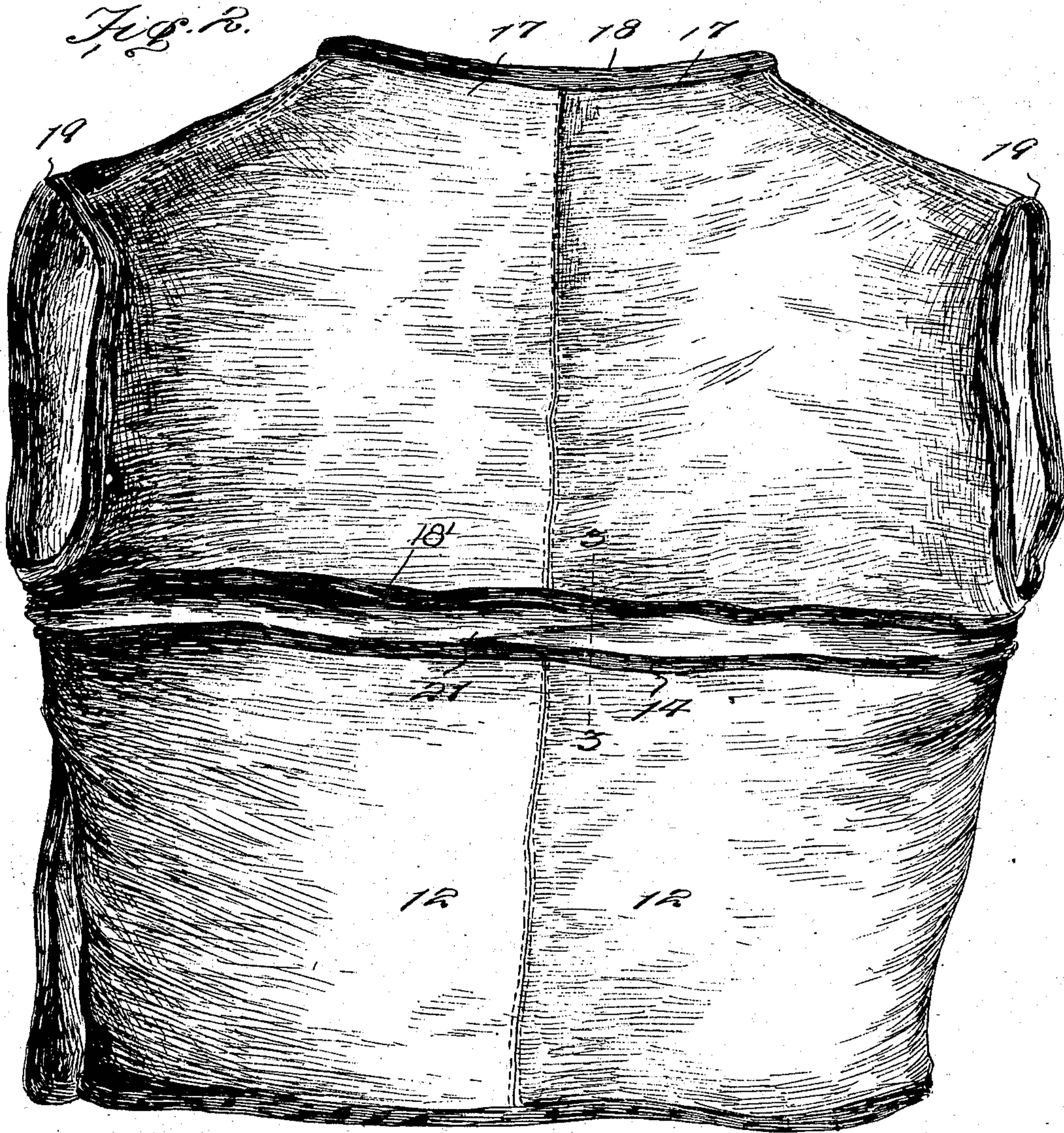
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Witnesses  
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# UNITED STATES PATENT OFFICE

ROBERT W. GRENDON, OF TIFFIN, OHIO.

## MEASURING-VEST.

SPECIFICATION forming part of Letters Patent No. 720,019, dated February 10, 1903.

Application filed April 28, 1902. Serial No. 105,110. (No model.)

*To all whom it may concern:*

Be it known that I, ROBERT W. GRENDON, a citizen of the United States, residing at Tiffin, in the county of Seneca and State of Ohio, have  
5 invented a new and useful Measuring-Vest, of which the following is a specification.

The object of the present invention is to provide an improved form of garment in the form of an elastic vest which may be applied  
10 to any figure for the purpose of obtaining more correct measurements in cutting coats and similar garments.

A further object of the invention is to provide a device of this class which may be adjusted to fit smooth and snugly on a figure of  
15 any size and which will yield to compensate for variations in form, the vest being applicable to a stooping or an over-erect form.

With these and other objects in view the invention consists in the novel construction and arrangement of parts hereinafter described, illustrated in the accompanying drawings, and particularly pointed out in the appended claims.

25 In the drawings, Figure 1 is a perspective view of the front portion of a measuring-vest constructed in accordance with the invention. Fig. 2 is a similar view looking from the rear of the garment. Fig. 3 is a transverse sectional elevation of a portion of the garment  
30 on the line 3 3 of Fig. 2.

Similar numerals of reference are employed to indicate corresponding parts throughout the several figures of the drawings.

35 In the manufacture of custom-made clothing it is often difficult to obtain correct measurements for a coat, especially where the customer is wearing an ill-fitting vest or in warm weather when the vest is usually discarded.

40 The principal object of the present invention is to provide a vest which will fit over any figure, the garment being formed of elastic cloth and bound throughout with elastic tape, so that it may be stretched smoothly over the  
45 body and form a basis for taking correct measurements for the cutting of the coat.

The lower or stomach portion of the garment is formed of front sections 10 11 and back sections 12, the cloth used being a knitted  
50 fabric, elastic or yielding in every direction, and the whole being bound with elastic tape 14. The chest and shoulder portions of the

garment are formed of front sections 15 16 and rear sections 17, the whole being bound with elastic tape 18, and the armhole being similarly  
55 bound with elastic tape 19. The chest and stomach portions of the garment are separated from each other by gores 20 and 21, situated, respectively, at the front and rear portions of the garment, said gores being united  
60 to both the upper and lower sections of the garment by the binding-tape, as shown in Fig. 3. At the sides of the garment immediately under the armholes the tape 18' at the  
65 lower portion of the upper section and the tape 14 at the upper portion of the lower section are united by stitching, as indicated at 20' in Fig. 1, while the front edges of the upper and lower sections are connected by the  
70 binding-tapes, which extend continuously along the adjacent edges of the garment.

On the sections 11 and 16, forming one side of the front of the garment, is placed a row of lacing hooks or eyes 22, and in similar  
75 manner the sections 10 and 15 at the right-hand side of the garment are provided with a plurality of rows of lacing-hooks 23.

The garment is placed on the figure to be measured, the front portions overlapping to a greater or less extent in accordance with  
80 the size of the figure. When worn by a very large person, the row of hooks 22 and the edge row of hooks 23 are united by lacing, the garment being drawn very tightly around the figure and fitted snugly thereto owing to the  
85 elastic nature of the fabric and its binding. For a small figure the garment is fastened by employing the inner row of lacing-hooks 23, the front portions of the garment then overlapping  
90 to some extent, but without interfering with the correct measurement for the coat. As the greatest variation in the size of figures is the chest measurement, the arrangement of the continuous elastic binding immediately under the armholes of the garment  
95 permits the latter to be drawn tightly around the body at this point and allows of considerable variation to accommodate persons of different size.

The gores 20 at the front of the garment  
100 permit the latter to adjust itself to an over-erect figure, the bindings at the rear of the garment coming close together when placed on such a figure, while for a stooping form



the bindings of the front of the vest will come close together, while the gore 21 at the back of the garment permits the separation of the bindings at this point to accommodate a stooping or round-shouldered figure.

The device enables a tailor to take correct measurements over a perfectly-fitting vest, so that the garment when made will be perfectly fitted to the figure.

10 While the construction herein described, and illustrated in the accompanying drawings, is the preferred form of the device, it is obvious that various changes in the form, proportions, size, and minor details of the structure may be made without departing from the spirit or sacrificing any of the advantages of the invention.

Having thus described my invention, what I claim is—

20 1. A measuring-vest formed of elastic material and comprising two independently-yieldable main sections arranged horizontally one above the other and adapted to encircle the body, said sections forming chest and stomach portions respectively, the horizontal divisional line between the sections being disposed below the armholes of the vest, and the sections being yieldably connected.

25 2. A measuring-vest formed of elastic material divided into two main portions arranged horizontally and parallel with each other and adapted respectively to fit the chest and

stomach portions of the body and the horizontal divisional line being below the armholes, elastic bindings entirely surrounding each separate section, and means for yieldably connecting the sections to each other. 35

3. A measuring-vest comprising a chest and shoulder portion and a stomach portion yieldably connected to each other, each portion being formed of elastic material and each being wholly surrounded by elastic bindings, and means for securing said bindings together at points adjacent to the armholes. 40

4. The combination in a measuring-vest, of the sections 10, 11 and 12 formed of elastic material and united to form a stomach portion, an elastic binding entirely surrounding said stomach portion, a chest and shoulder portion formed of sections 15, 16 and 17 connected together and having an elastic binding 18, gores 20 and 21 connecting the upper and lower portions, a row of lacing-studs carried by the sections 11 and 16, a plurality of rows of lacing-studs 23 carried by the sections 10 and 15, and a lacing string or tape for connecting said studs. 45 50 55

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

ROBERT W. GRENDON.

Witnesses:

HARRY TAGGART,  
J. T. ROBINSON.