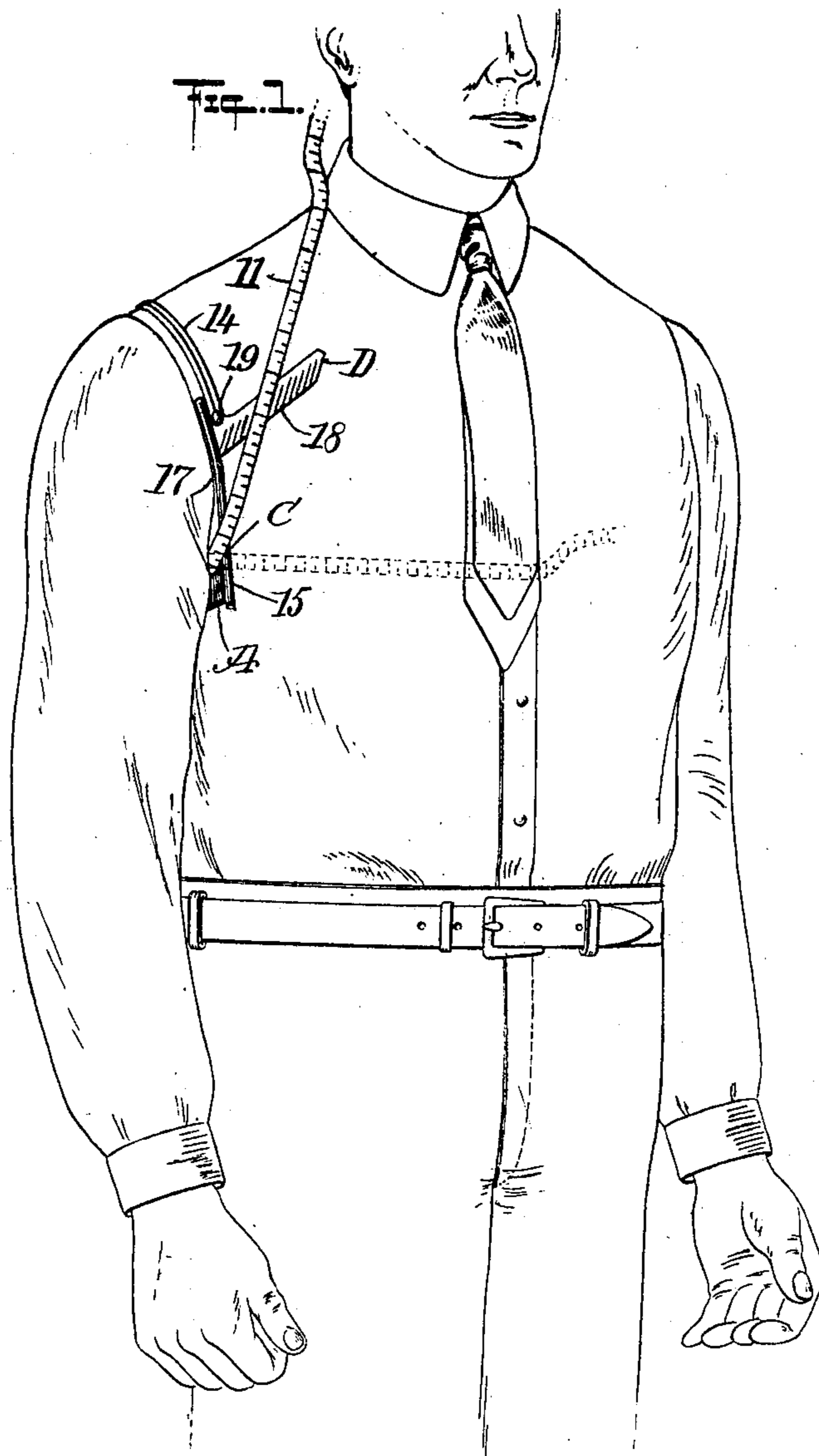


No. 830,850.

PATENTED SEPT. 11, 1906.

A. M. ROLAND.
TAILOR'S MEASURING DEVICE.
APPLICATION FILED DEC. 5, 1905.

2 SHEETS—SHEET 1.



WITNESSES:

George Cheney
W. H. H. H.

INVENTOR

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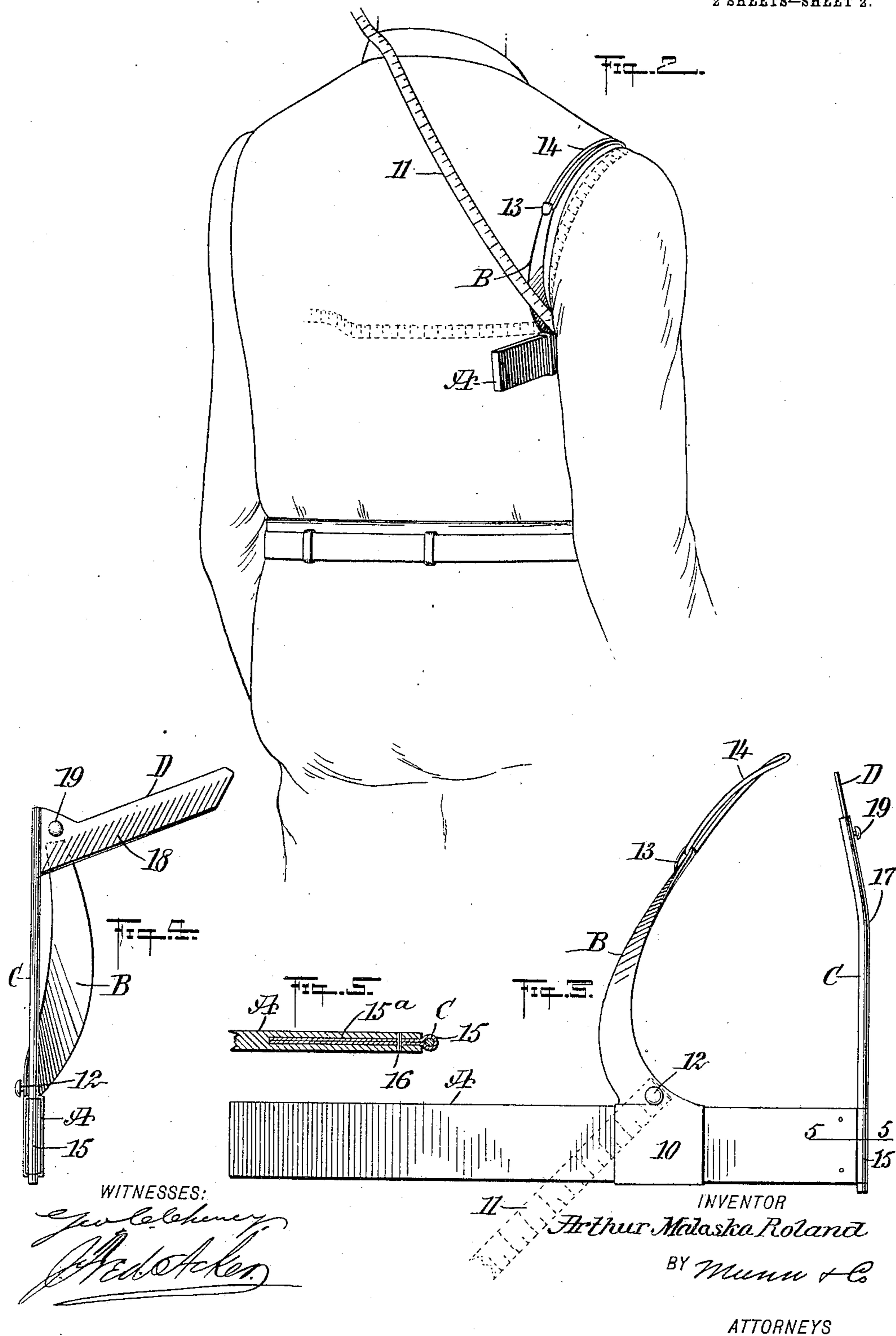
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UNITED STATES PATENT OFFICE.

ARTHUR MALASKA ROLAND, OF HONOLULU, TERRITORY OF HAWAII.

TAILOR'S MEASURING DEVICE.

No. 830,850.

Specification of Letters Patent.

Patented Sept. 11, 1906.

Application filed December 5, 1905. Serial No. 290,348.

To all whom it may concern:

Be it known that I, ARTHUR MALASKA ROLAND, a citizen of the United States, and a resident of Honolulu, in the Island of Oahu and Territory of Hawaii, have invented a new and Improved Tailor's Measuring Device, of which the following is a full, clear, and exact description.

My invention relates to devices especially adapted for taking measurements for coats and vests; and the purpose of the invention is to provide a straight-edge adapted to be passed horizontally beneath the arm, carrying a sliding shoulder-conformer and an adjustable scale-arm for the breast, together with a tape-measure pivotally attached to the shoulder-conformer in such manner that measurements may be taken by the tape-measure in any direction from one point.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of the device upon a form and viewed from the front. Fig. 2 is a perspective view of the device upon a form and viewed from the back. Fig. 3 is a side elevation of the device. Fig. 4 is a front elevation thereof, and Fig. 5 is a detail horizontal section taken practically on the line 5 5 of Fig. 3.

A represents a straight-edge of sufficient length to be passed beneath the arm of the person being measured and extend out a required distance at the back, and said straight-edge occupies a horizontal position in use, as is shown in Figs. 1 and 2. A conformer-blade B is used in connection with said straight-edge, the said blade being so curved as to fit to the shoulder of the person at the back adjacent to the arm-hole and is therefore herein denominated a "shoulder conformer-blade." This shoulder conformer-blade B is attached to or made integral with a sleeve 10, which sleeve is of such shape as to loosely receive the straight-edge A, so that the sleeve and connected shoulder conformer-blade may be moved in direction of the ends of the said straight-edge.

One end of a tape-measure 11 is pivotally attached to the rear face of the shoulder conformer-blade B at a point where the said

blade connects with said sleeve 10, and this pivotal connection is usually effected through the medium of a pin or stud 12, which may be made removable, if desired. A hook 13 is formed at the upper end of the shoulder conformer-blade B, the metal being bent outward and downward, as is shown in Fig. 3, and this hook receives an elastic ring-band 14, which in practice is carried over the shoulder to the front of the person being measured.

A sleeve 15 is located at the forward end of the straight-edge A, and this sleeve preferably extends from top to bottom of the straight-edge and is made of metal bent upon itself to form the said sleeve 15, and the ends 15^a of the metal are brought close together and are made to enter a longitudinal slot in the forward end of the said straight-edge, being held in position in the straight-edge by one or more pins 16, as is clearly shown in Fig. 5. A rod C is held to turn in the sleeve 15, the said rod being reduced in diameter where it enters the said sleeve, so that if the sleeve 15 is fixed in position in the straight-edge A the rod while it may be freely turned cannot be separated from the straight-edge. This rod at its upper end is curved, as is shown at 17 in Figs. 1 and 3, to conform to the breast of the person being measured at the shoulder, and at the upper end of the rod C a flat scale-arm D is secured, which scale-arm extends from the said rod C at an angle of about forty-five degrees, as this angle has been found most advantageous in taking the breast measurements for coats and vests. Therefore this scale-arm D is practically a breast scale-arm. A scale 18 is produced upon the outer face of the arm D, which scale is lined to represent eighths of an inch, and the lines or divisions of the scale are placed at an angle of about forty-five degrees to the lower edge of the said scale-arm D, as is shown in Fig. 4.

In operation the straight-edge is placed beneath the arm of the person to be measured, and the rod C is drawn close to the breast adjacent to the shoulder, as is shown in Fig. 1, and then the shoulder conformer-blade B is pushed forward on the straight-edge A until it fits close to the shoulder of the person at the arm, as is shown also in Fig. 2, and the device is held in this position by causing the elastic loop-band 14 to be drawn forward over the shoulder and engage with a button 19 or equivalent device located on the

scale-arm D, preferably adjacent to its connection with the rod C. When the device has been thus adjusted to the person, the back, breast, and shoulder measurements 5 may be taken through the medium of the tape 11, as the tape may be carried in any direction, front or back, and in taking the front measurements the scale on the tape is read in connection with the scale on the scale-arm D. 10

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A tailor's measuring device, consisting 15 of a straight-edge, a shoulder conformer-blade adjustably mounted on the said straight-edge, a breast-rod mounted to turn at the forward end of the straight-edge, a scale-arm carried by the breast-rod and diverging at an 20 acute angle therefrom, and means for connecting the shoulder conformer-blade and the said scale-arm.

2. A tailor's measuring device, consisting 25 of a straight-edge, a shoulder conformer-blade adjustably mounted on the said straight-edge, a tape-measure pivotally connected with the shoulder conformer-blade, a breast-

rod adjustably mounted on the said straight-edge, a scale-arm diverging at an acute angle from the said breast-rod, and a connecting 30 medium for the shoulder conformer-blade and the said scale-arm.

3. A tailor's measuring device, consisting of a straight-edge, a shoulder conformer-blade mounted to slide on the said straight-edge, a breast-rod rearwardly curved at its 35 upper end, and adjustably mounted at the forward end of the straight-edge, a tape-measure pivotally connected with the said shoulder conformer-blade, a scale-arm carried by the upper portion of the breast-rod, 40 which scale-arm is at an acute angle to the said breast-rod, the scale on said scale-arm being at a corresponding angle to the longitudinal edges thereof, and a flexible connection 45 between the shoulder conformer-blade and the said scale-arm.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ARTHUR MALASKA ROLAND. [L. s.]

Witnesses:

S. LEVINGSTON,
GEO. R. KILLEN.