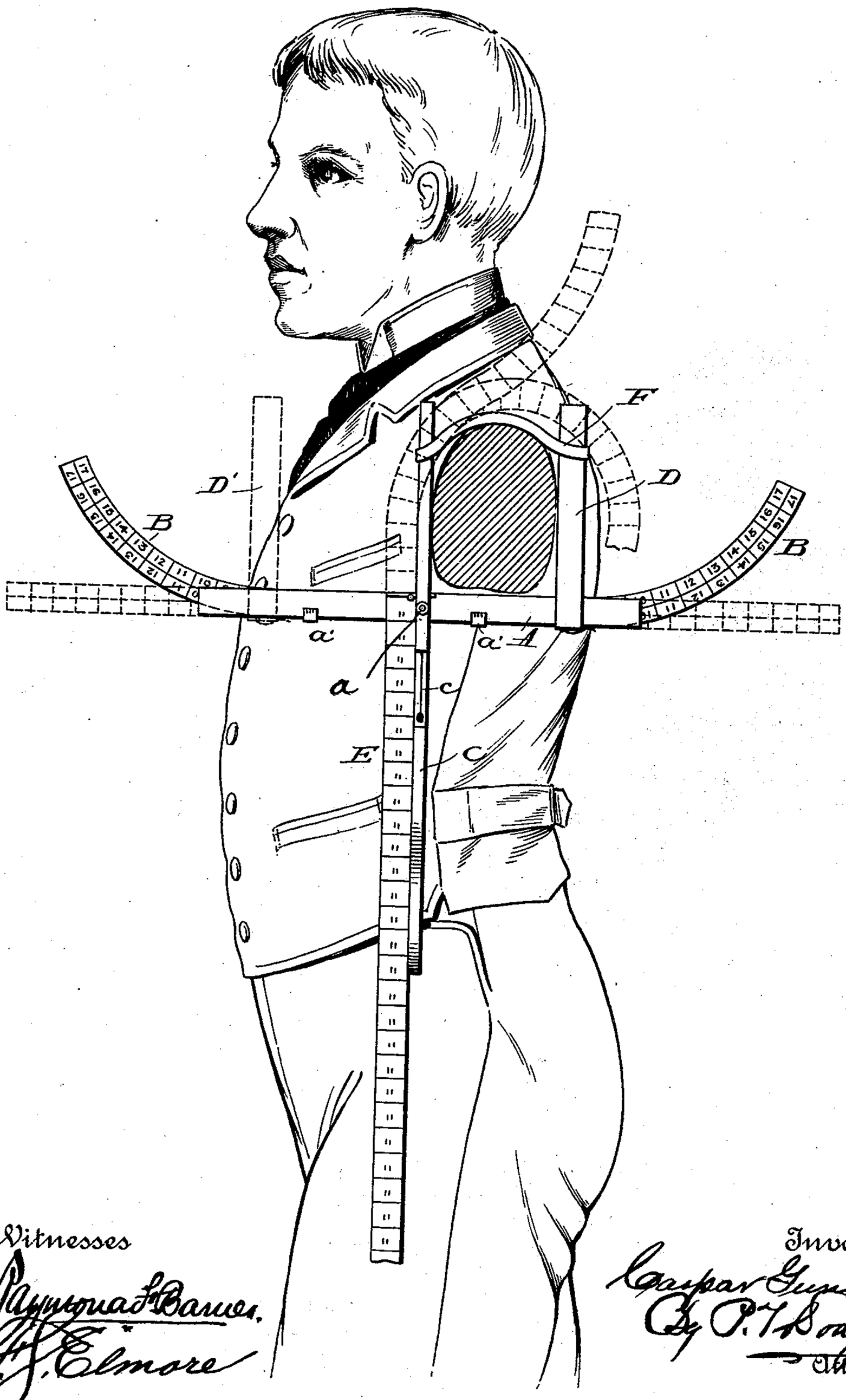
(No Model.)

C. GUNKEL.

TAILOR'S MEASURE.

No. 509,080. Patented Nov. 21, 1893.



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TAILOR'S MEASURE.

SPECIFICATION forming part of Letters Patent No. 509,080, dated November 21, 1893.

Application filed February 8, 1893. Serial No. 461,500. (No model.)

To all whom it may concern:

Be it known that I, CASPAR GUNKEL, of Jefferson, county of Greene, and State of Iowa, have invented a new and useful Improvement in Tailors' Measures, of which the following is a specification.

My invention relates to an improved instrument designed for the use of tailors in taking measurements for coats, vests and similar garments.

The accompanying drawing is a side view showing the manner of applying and using the measure.

A, designates a flat rigid blade, and B a flexible measure; these two parts are attached together at or near their mid-length by a pivot *a*, upon which they may turn relatively to each other. The measure B, is graduated and numbered from the center toward each end, and in order that the members may be conveniently read from either side, I number both edges as shown.

a', *a'*, are clamps which may be used to hold the tape to the blade, and prevent the same from dropping down.

C, designates a cross-bar which extends across the blade A, and is rigidly attached thereto. This bar may be thin and flexible in order to conform to the shape of the body, or it may be stiff and rigid, in which case it is permanently bent into the proper shape.

As represented in the drawing the blade A, is to be applied and used in a horizontal position, and, in order that the parts may be properly adjusted, I provide the bar C, with a short plumb-line *c*.

E, designates a flexible tape or measure also pivotally connected to the blade, in front of the vertical bar C, and capable of being turned up into the position shown in broken lines E' E^2 to measure around and across the shoulders.

D, designates a bar or standard movably mounted on the blade A, and capable of being adjusted thereon toward and from the center. In taking a measure it is placed behind the arm as shown, and, in order that it may be used on either side, it is adapted to be removed from one end of the blade A and applied to the opposite end, the two positions in which it may be used being indicated at D and D'.

F, is an elastic band or strap applied to the upper ends of the bars C and D, and extends over the shoulder, its purpose being to support the device while a measure is being taken. The bars may be provided with any suitable means for holding the strap, and roughened or serrated edges will probably be found sufficient.

In using the device the blade A, is placed under the arm with the bar C, bearing against the front of the shoulder; the standard D is then adjusted to the back of the shoulder, and the strap F, applied to hold the device in place. The operator then brings the two parts into proper adjustment by the use of the plumb-line *c*, after which he is ready to take measures. The tape or strap B, is passed around the body and takes the chest measure; the tape E, takes the hip measure, and also the arm, shoulder and back, measures, being turned and carried around from the position shown in full lines to those shown in broken lines, or vice versa, according to which measure is taken first.

Having thus described my invention, what I claim is—

1. A tailor's measure comprising a horizontal bar or blade, a flexible scale secured thereto at the center and adapted to pass around the body, and a second scale pivoted thereto at or near the center and adapted to be turned to measure both upward and downward.

2. A tailor's measure comprising horizontal and vertical bars crossing each other and secured together, a flexible scale attached at its center to the horizontal bar and numbered from the center in both directions, a flexible scale attached at one end to the center of the horizontal bar and adapted to be turned on its pivot to measure upward or downward.

3. A tailor's scale comprising a horizontal blade and a vertical bar secured thereto at right angles, a horizontal flexible scale attached to the blade and numbered in opposite directions from the point of attachment, a vertical flexible scale adapted to be turned in opposite directions, the movable vertical bar D, and means for supporting the device from the shoulder.

4. In a tailor's measure the combination of the horizontal blade A, the cross-bar secured thereto, the flexible horizontal scale attached

to the blade at or near the center and numbered in both directions, the vertical scale pivotally attached to the blade and adapted to be turned in opposite directions, the horizontally movable bar D, adapted to be applied to either end of the blade, and a supporting strap adapted to be attached to the bar D, and to the cross-bar C.

In testimony whereof I hereunto set my hand, this 10th day of January, 1893, in the presence of two attesting witnesses.

CASPAR GUNKEL.

Witnesses:
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E. S. YOUNG.