(Model.)

T. H. WIGGINS.

TAILOR'S MEASURE.

No. 507,054. Patented Oct. 17, 1893.

Fig. 1.

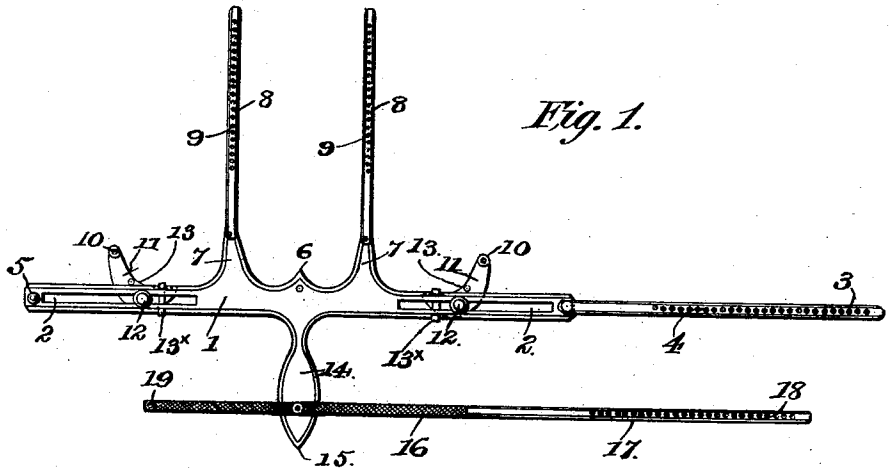


Fig. 2.

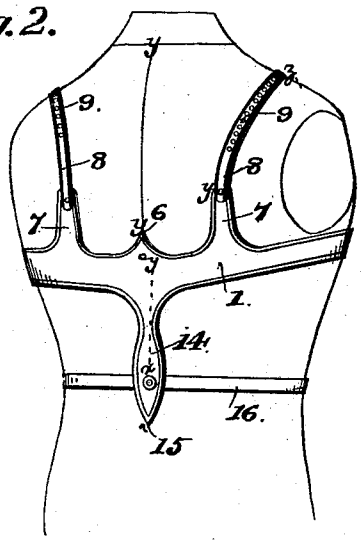
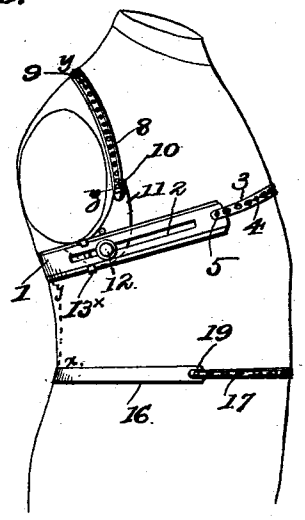


Fig. 3.



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UNITED STATES PATENT OFFICE.

THOMAS H. WIGGINS, OF PECATONICA, ILLINOIS.

TAILOR'S MEASURE.

SPECIFICATION forming part of Letters Patent No. 507,054, dated October 17, 1893.

Application filed July 18, 1892. Serial No. 440,434. (Model.)

To all whom it may concern:

Be it known that I, THOMAS H. WIGGINS, a citizen of the United States, residing at Pecatonica, in the county of Winnebago and State of Illinois, have invented a new and useful Improvement in Adjustable Measuring-Jackets, of which the following is a specification.

This invention relates to adjustable measuring jackets of skeleton form, and has for its object to improve said class of devices and render the same adjustable to the incline of the body and thereby procure correct actual measurements.

With this and other objects in view, the invention consists of the construction and arrangement of the parts thereof as will be hereinafter more fully described and claimed.

In the drawings: Figure 1 is a plan view of the improved device, looking toward the inside thereof. Fig. 2 is a perspective view of the back part of a body, showing the improved device applied thereto. Fig. 3 is a side elevation of a body with the improved device applied to the same.

Similar numerals of reference indicate corresponding parts in the several figures of the drawings.

In measuring devices as heretofore constructed, the measures have been taken by the square of the body. The depth of the back is procured by squaring across the back by the depth of the arms, and all the other measurements are taken in like manner. In this way two men may measure exactly the same depth of back, yet, by a difference of the waist-suppression, require altogether a different depth of back. For illustration, two men measure thirty-six breast each, and both measure eight-and-one-half depth of back, while one is thirty-four waist, and the other thirty-one; the depth of back is applied just the same for one form as for the other, when, by a difference of the waist-suppression, they require a different depth of back altogether. The difference of the waist-suppression will also affect the neck-points, it being too long when taken by the square of the body. The waist-suppression, neck-point, and depth of back must all agree and work in harmony; they must be in balance when taken on the body.

The device hereinafter referred to is intended to obviate the difficulties heretofore encountered, and is operated to measure and regulate the waist-suppression, neck-point, and depth of back by the incline of the body instead of by the square thereof.

Referring to the drawings, the numeral 1 designates a flexible girth or band, formed of suitable material, preferably leather, and stout enough to withstand the strain brought to bear thereon and also to accommodate the operation of other parts therewith. The opposite ends of said girth are formed with slots 2, extending longitudinally thereof, and to one end is connected a strap 3, having a series of closely-arranged holes 4, adapted to adjustably and removably engage a stud or fastening 5, carried by the opposite end of said girth. The central upper edge of the girth, at the back, is formed with a central point 6, which aligns with the median vertical line of the back when the device is applied, and on each side of said point 6 is located a tongue 7, to which are secured straps 8, provided with a series of closely-arranged holes 9. Said straps 8 are adapted to be passed over the shoulders and be adjustably and removably connected to studs or other fastenings 10, carried on the outer sides of the upper ends of slides 11, having set-screws 12, attached to the lower parts of the same which are fitted to and adjustable in the slots 2 of the girth 1. The outer edge of each slide 11 is curved, as at 13, to conform to and fit closely against the front of the arms. To assist in holding the slides 11 in proper position relatively to the girth 1, clips $13^{\times}$ are secured thereto and embrace the edges of the said girth, the latter being constructed in such manner as to accommodate this arrangement. The said slides are also provided with points or studs for assisting in the measuring operation.

The central lower edge of the girth 1 has a tab 14 integrally formed therewith that extends downwardly into the depression of the back and has a lower pointed end 15 which also aligns with the central median vertical line of the back and with the point 6. To the inner side of the tab 14 is attached a waist-belt 16, having a strap 17, secured to one end

thereof and provided with a multiplicity of holes 18, which are adapted to adjustably and removably engage a stud or other fastening 19, carried by the opposite end of said belt.

The several parts of the device are applied as shown in Figs. 2 and 3, and adjusted to measure the various lines which they include, it being seen that the waist-belt 16, when properly adjusted, holds the parts above the same downwardly in position to provide for an accurate measurement. In Fig. 1 the jacket is fitted to the body in such manner as to bring the tab 14 to the hollow of the waist at the back, and regulates the measuring points from *y* to *y*, or depth of back, also from *y* to *z* at the front, Fig. 3, or neck-point. By the measure from *y* to *x*, Figs. 2 and 3, the waist-suppression and incline of the body are obtained.

Changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having described the invention, what is claimed as new is—

1. A tailor's measuring jacket, comprising a girth 1 provided with a central upright point 6, opposite vertical tongues 7, and a central pendent tab 14, an adjustable strap 3 connecting the ends of the girth, an adjustable belt connected to the tab 14, slides 11 adjustably secured to the girth near its terminals, and shoulder-straps 8 connected at their rear ends to the tongues 7 and at their front ends to the slides 11, substantially as specified.

2. In a tailor's measuring jacket, the combination with a girth to encircle the body beneath the arms, a belt connected to a tab depending from the girth on the median line of the back, and shoulder-straps connected at their rear ends to vertical tongues carried by the girth and arranged upon opposite sides of its median line, of a point 6 carried by the girth to mark its median line, and slides 11 adjustably mounted upon the girth, provided with means for the attachment of the front ends of the shoulder-straps, and having adjusting-screws extending through slots in the girth, substantially as specified.

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