

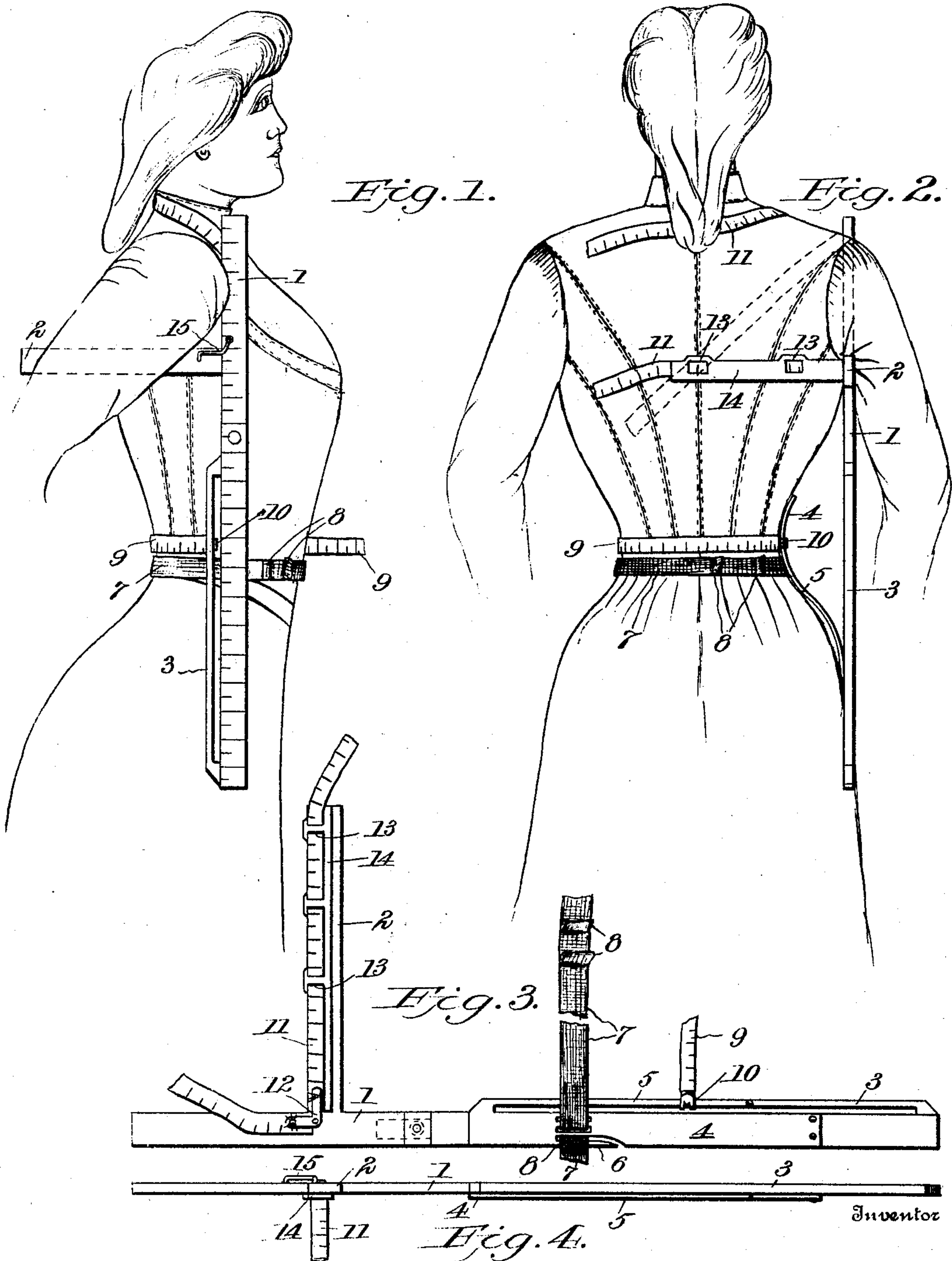
No. 765,407.

PATENTED JULY 19, 1904.

E. WAKEFIELD.
TAILOR'S MEASURE.

APPLICATION FILED OCT. 13, 1903.

NO MODEL.



Witnesses:

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UNITED STATES PATENT OFFICE.

ERNEST WAKEFIELD, OF MOUNT PLEASANT, PENNSYLVANIA.

TAILOR'S MEASURE.

SPECIFICATION forming part of Letters Patent No. 765,407, dated July 19, 1904.

Application filed October 13, 1903. Serial No. 176,871. (No model.)

To all whom it may concern:

Be it known that I, ERNEST WAKEFIELD, a citizen of the United States, residing at Mount Pleasant, in the county of Westmoreland and State of Pennsylvania, have invented a certain new and useful Improvement in Tailors' Measures, of which the following is a full, clear, and exact description.

The object of this invention is to provide a device by means of which one may obtain accurate measurements, conforming to a person's natural or normal attitude or carriage, so that a garment so measured and cut will fit the person when occupying such a natural or normal attitude or carriage; and the invention is in the nature of an improvement upon the device forming the subject of my patent dated November 24, 1903, No. 744,826.

The invention consists of a graduated standard and provided with a belt by means of which it may be affixed to a person at the side and in a vertical position and provided with a movable measuring-tape by which measurements may be obtained at and below the waist and an arm projecting at right angles from the standard and adapted to be placed beneath a person's arm and having a measuring-tape in line therewith and by which blade measurements may be taken. The specific improvements upon the invention thus broadly stated and forming the subject of this present case are, first, the provision of a yielding connection of the belt with the standard, so as to adapt the device for use upon women and others having prominently-tapered waist-lines, this connection also serving to take the waist-measuring tape; second, a flexible connecting member for the blade-measuring tape, and, third, a runner for the arm-measuring tape.

In the accompanying drawings, illustrating the invention, in the several figures of which like parts are similarly designated, Figure 1 is a side elevation showing the device applied to a female figure. Fig. 2 is a rear elevation. Fig. 3 is a plan view of the device detached and showing the opposite side from that shown in Fig. 1. Fig. 4 is an edge view.

1 is the standard, made in any desired number of parts, secured together by any suitable joints or made rigid throughout.

2 is the arm projecting at right angles from the standard. As shown, the standard may have separate scales above and below the arm, or the graduations may be continued the full length of the standard. The fixed and rigid loop 3 may or may not be used, as desired; but the standard is provided with a flexible piece 4, provided with the loop 5 on one side and the hook 6 on the other side. The belt 7 is attached by one end to this flexible piece 4 and preferably is of elastic material, having a series of eyes or loops 8, so that after the belt is adjusted to a person's waist it may be secured by engaging one or another of said eyes or loops with the hook 6 to support the standard upon the person, as seen in Figs. 1 and 2. The flexibility of the member 4 admits of the belt hugging the waist-lines closely and without disturbing the perpendicularity of the standard. The waist-measuring tape 9 has a hook 10, which is engaged with the loop 5, and it is capable of being slid longitudinally of said loop, so as to obtain measurements at and above and below the waist, and since the flexible member may be drawn into the waist to conform to the taper of the figure the measuring-tape may be drawn also to conform to and accurately measure such taper. This capability is of especial importance in measuring for women's garments. Where both loops 3 and 5 are used, the tape may be applied to the loop 5, and thus run free of the person.

The measuring-tape 11 is fixed at one end by a clip 12 to the standard or arm and passed through slots 13 in a flexible piece 14, fixed at its inner end to the arm 2 and having its outer end free, so that it and the tape carried by it may be drawn in to fit or conform to the person, thus permitting more accurate measurements of the upper body. This flexible piece 14 extends, preferably, to the end of the arm 2.

In the angle between the standard 1 and arm 2 is a curved runner or loop 15, standing off from the standard and arm and extending longitudinally of the standard from above the arm and then horizontally along the arm. This runner is adapted to receive the hook 10 of the measuring-tape 9 when said measuring-

tape is used to obtain sleeve lengths. The projecting loop 15 serves as a convenient and accessible base for attaching the measuring-tape in taking sleeve measurements, and the curvature of the loop and its extension along the arm admits of the measuring-tape being drawn down under the armpit, so as to insure accuracy.

As already sufficiently pointed out, the measure may be supplied only with the flexible piece 4, or it may contain also the fixed loop 3, so that it may be used equally well on waists having substantially straight lines and those of pronounced taper, so as to enable the user to get accurate measurements conformable to the natural form and attitude.

The improvements take nothing from the capabilities of the original invention in use, but add to them.

What I claim is—

1. A tailor's measure, having a standard adapted to be applied vertically to the side of a person, at the waist, and having a flexible member adjacent the waist adapted to receive a measuring-tape, and a belt applied to said

flexible member to draw it into conformity to the waist contour.

2. A tailor's measure, having a standard, a flexible connection thereon provided with a loop and a hook, an adjustable measuring-tape applied to said loop, and a belt applied to said connection and adapted to engage its hook.

3. A tailor's measure, having a standard provided with a longitudinal fixed loop, a flexible connection on said standard provided with a loop and a hook, an adjustable measuring-tape applied to said loop, and a belt applied to said connection and adapted to engage its hook.

4. A tailor's measure, having a standard and an arm, a flexible member applied to said arm and of substantially the length thereof, and a measuring-tape applied to said flexible member.

In testimony whereof I have hereunto set my hand this 12th day of October, A. D. 1903.

ERNEST WAKEFIELD.

Witnesses:

KATHRYN KALP,
W. A. KALP.