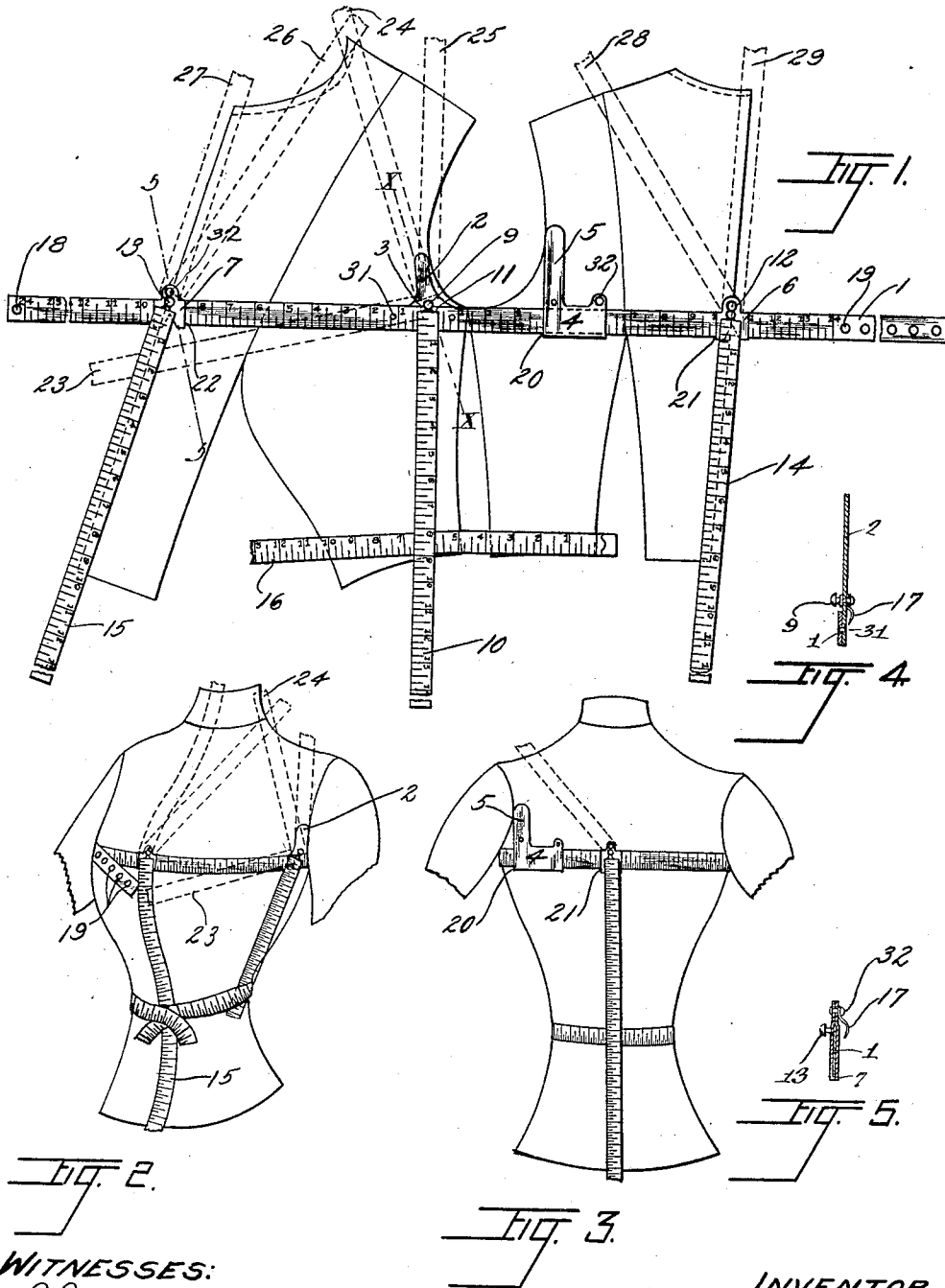


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TAILOR'S MEASURING DEVICE.
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1,042,063.

Patented Oct. 22, 1912.



WITNESSES:
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WILLIAM WENDORF, OF CHICAGO, ILLINOIS.

TAILOR'S MEASURING DEVICE.

1,042,063.

Specification of Letters Patent.

Patented Oct. 22, 1912.

Application filed January 26, 1912. Serial No. 673,549.

To all whom it may concern:

Be it known that I, WILLIAM WENDORF, a citizen of the United States, residing at Chicago, Illinois, have invented a new and useful Tailor's Measuring Device, of which the following is a specification.

The essential object of this invention is to provide a new and improved means whereby a tailor may take the measurements of a customer, and the invention is adapted to be used for the purpose of taking the measurements of ladies' waists or of men's coats or vests.

In the drawings Figure 1 is an elevation showing a vest or other garment in outline, and the device forming the subject matter hereof prior to taking the measurements of the customer, the dotted lines showing the positions to which certain of the parts are adapted to be moved in order to take certain measurements; Fig. 2 is a perspective view showing the device as used for taking front measurements; Fig. 3 is a perspective view showing the device as arranged for taking the rear measurements of the person for whom the garment is to be made; and Figs. 4 and 5 are sectional views taken on the line $x-x$ and $5-5$ respectively.

A flexible steel tape 1 has a member 2, formed of brass or other metal, riveted thereto at 3, the point 3 being the point from which all measurements start. A sliding member 4 carrying an upright arm 5 is mounted upon said steel tape, which moves slidably toward or away from point 3. Two other members 6 and 7 are also slidable upon said tape 1, member 6 being on one side of point 3 and member 7 being upon the other side thereof. At point 3 there is a stud 9 from which a tape 10 depends, the tape being secured to a member 11 which loops over stud 9 so that the tape can swing freely about said stud. The members 6 and 7, respectively, bear similar studs 12 and 13 and tapes 14 and 15 are secured to studs 12 and 13 so as to swing loosely thereupon. A separate tape 16 is provided, tape 16 not being secured to the other parts of the device. The several members 2, 6, and 7 are each provided with sharp hooks 17, which are adapted to hook into the under garments so that the measuring device can be held in place upon the person of the customer without requiring the use of the tailor's hands. At one end of the steel tape 1 is a knob 18, and at the other end thereof there is a series

of perforations 19 of a size adapted to receive the knob. Each of the members 1, 10, 14, 15, and 16 bears a scale which clearly shows the measurements that have been taken by that tape.

When the device is to be used, the steel tape 1 is placed about the person of the customer whose measure is being taken so as to give the chest measurement. The stud 18 locks the left-hand end of the tape (Fig. 1) to the right-hand end, and thus indicates one measurement required by the tailor. The slide 4 is then moved to a point so that the upwardly projecting members 2 and 5 respectively bear against the front and the back of the arm-pits, which measurement is indicated upon the scale borne upon the member 1 by the distance between points 3 and 20. The member 6 is moved upon said scale until it stands in the middle of the back of the person being measured, and the distance between points 3 and 21 is half of the back width. The member 7 is then moved until it stands in the center of the breast or chest of the person being measured, and the distance between points 3 and 22 gives the front breast measure. The tape 10, when it is in the position shown in full lines in Fig. 1, will give the side waist length. When moved to the dotted line position designated 23, said tape 10 gives the bust measure. When it is moved to the dotted line position 24, it gives the neck point measurement. When it is moved to the dotted line position 25, it gives half of the over shoulder measurement.

Tape 15, when in the full line position Figs. 1 and 2, gives the front waist length measurement; when in the dotted line position 26, it gives the front balance measurement; when in the position 27, it gives the front height measurement; and by reading downwardly upon said tape 15, when same is in the full line position, to the point where the dotted line 23 intersects same, the front depth measurement is obtained.

By the tape 14, when in the full line position, the back waist length measurement is given; when in the dotted line position 28, the back over shoulder measurement is obtained; and in the position 29, the back height measurement is indicated. The separate tape 16 is used for giving the waist measurement.

After the various measurements have been taken, the device is removed from the per-

son of the customer who is being measured, and can be laid down upon the paper or other substance from which the pattern is cut before the slides 4, 6, and 7 are moved, 5 and the pattern can quickly be drawn or laid out upon the paper simply by moving the various tapes 10, 14, and 15 so that they assume upon the pattern the various positions indicated by dotted lines in the drawing.

10 The member 2 is firmly secured to the steel tape 1 by rivets 31, while each of the members 4, 6, and 7, is preferably constructed as shown in Fig. 5, being formed so as completely to loop over the tape 1 and fasten 15 thereupon by a rivet 32, which rivet, however, must be loose enough to permit said members to slide back and forth upon tape 1.

Many changes in the details of the construction of the various parts can be made 20 without departing from the scope of the invention or of the various claims.

I claim as my invention:

In a device of the character described, the combination of a flexible tape, a member

fixed thereupon and projecting outwardly 25 therefrom, a slidable member mounted upon said tape and adapted to be moved toward or away from said fixed member, the arm of the person being measured being adapted to be placed in the space between said fixed 30 member and said slidable member, a pair of slidable members, one of said members being adapted to approach one end of the tape and the other of said members being adapted to approach the other end of the tape, each of 35 said second-mentioned slidable members having a tape in pivotal connection therewith, and a tape pivotally attached to said first-mentioned tape adjacent to its point of attachment to said outwardly-projecting 40 member.

In testimony whereof I have hereunto affixed my hand in the presence of two witnesses.

WILLIAM WENDORF.

Witnesses:

GEO. A. SHAFER,
ROBT. KLOTZ.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."