

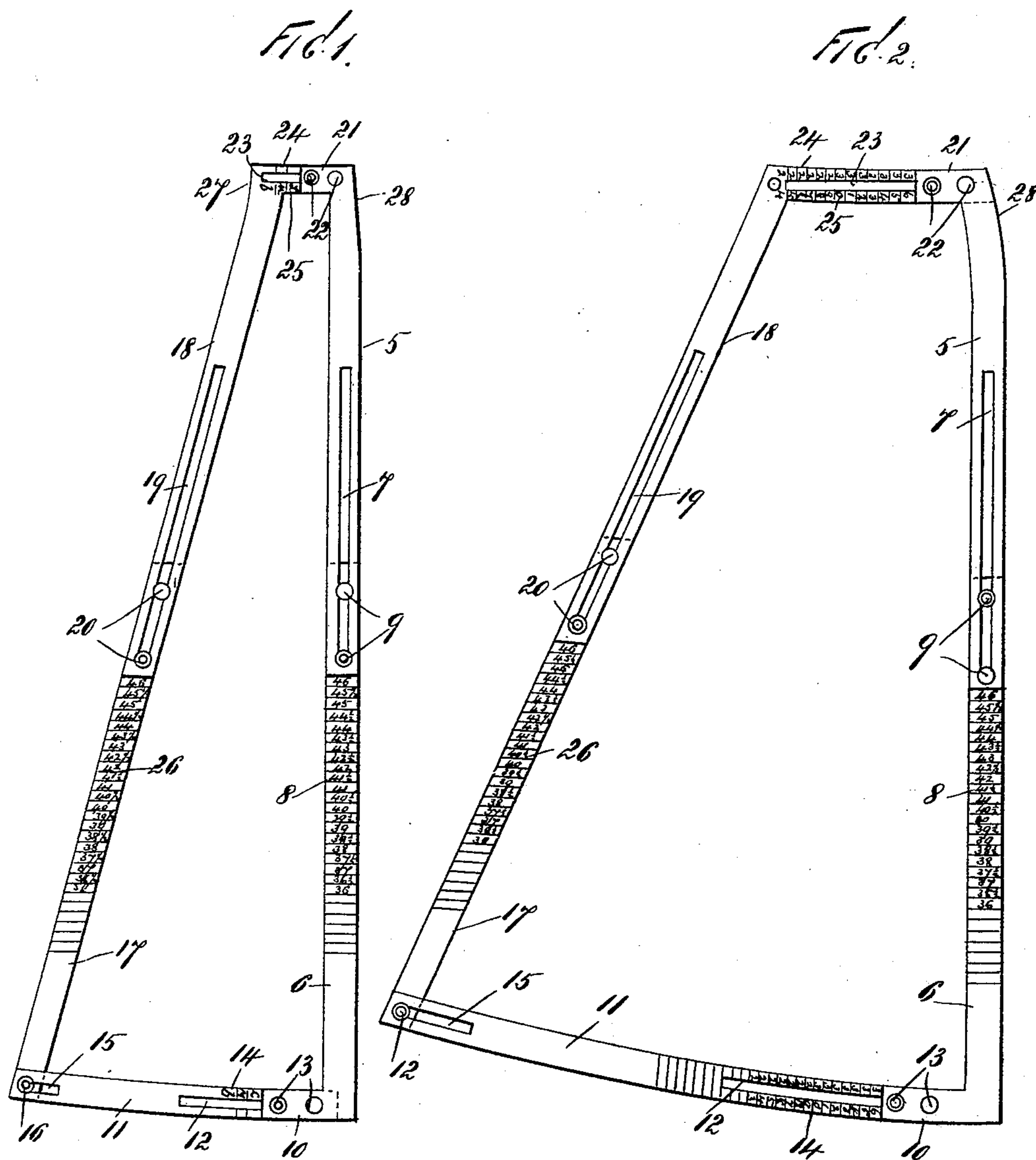
(No Model.)

2 Sheets—Sheet 1.

A. A. PINKHAM.
ADJUSTABLE SKIRT PATTERN.

No. 602,471.

Patented Apr. 19, 1898.



WITNESS

John Buckler,
L. M. Muller

INVENTOR

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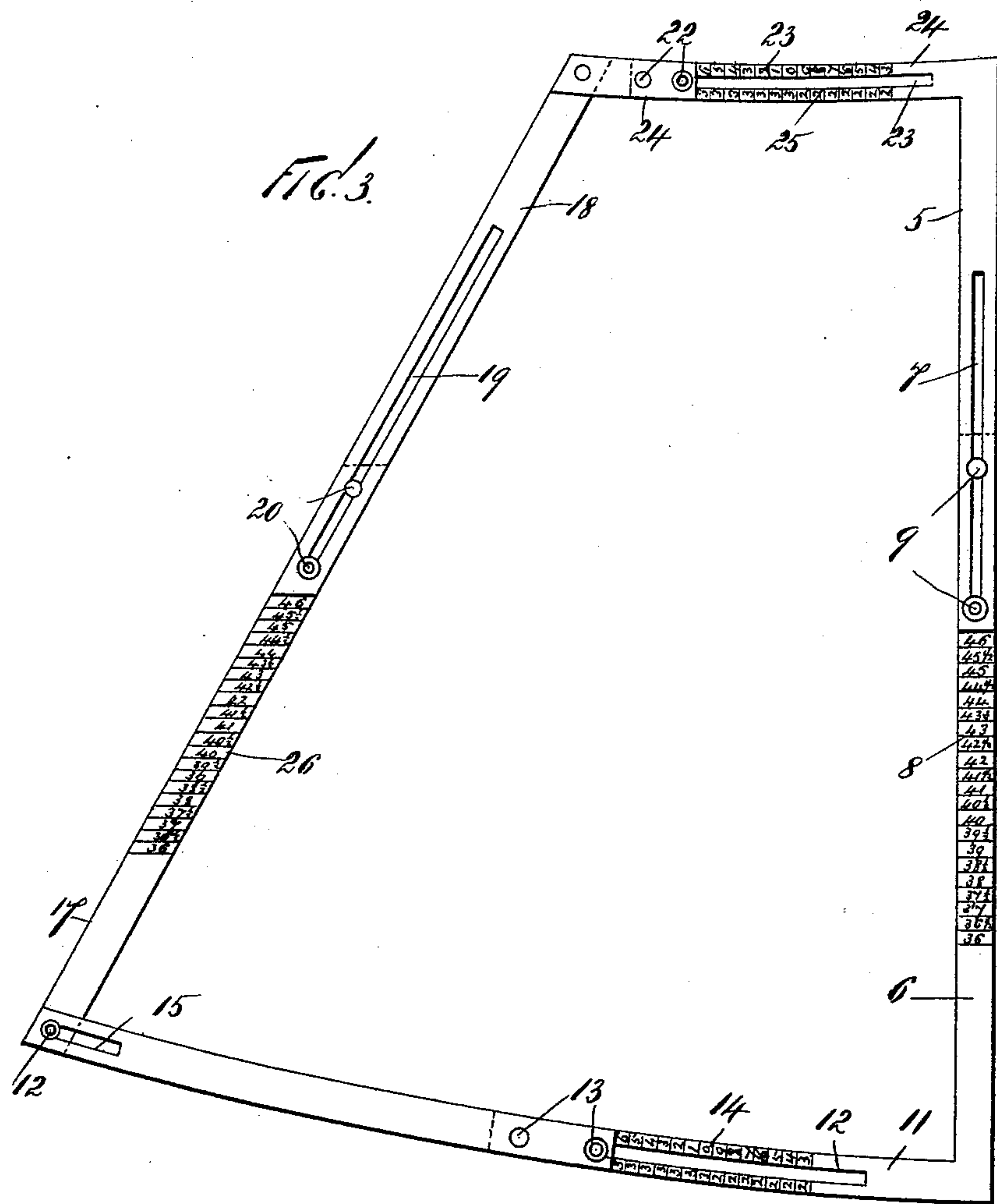
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UNITED STATES PATENT OFFICE.

ALMEDA A. PINKHAM, OF NORTH ADAMS, MASSACHUSETTS, ASSIGNOR OF
ONE-HALF TO THOMAS J. CANEDY, OF SAME PLACE.

ADJUSTABLE SKIRT-PATTERN.

SPECIFICATION forming part of Letters Patent No. 602,471, dated April 19, 1898.

Application filed July 22, 1897. Serial No. 645,536. (No model.)

To all whom it may concern:

Be it known that I, ALMEDA A. PINKHAM, a citizen of the United States, residing at North Adams, in the county of Berkshire and State of Massachusetts, have invented certain new and useful Improvements in Adjustable Patterns or Charts for Drafting Skirts, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to adjustable patterns or charts for drafting skirts; and the object thereof is to provide an improved device or devices for this purpose by means of which the front, side, and back of a skirt may be quickly and easily drafted, a further object being to provide a device or devices for the purposes herein specified by means of which any one may easily draft a skirt without material prior instruction or information on the subject.

The invention consists of three separate scale-frames, which are substantially of the same form and each of which consists of the same number of parts; and the invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

Figure 1 is a plan view of the scale-frame by which the front of the skirt is drafted; Fig. 2, a similar view of the frame by which the sides are drafted, and Fig. 3 a similar view of the frame by which the back of the skirt is drafted.

In the drawings forming part of this specification the separate parts of my improvement are designated by the same numerals of reference in each of the views, and in the practice of my invention, reference being made to Fig. 1, I provide a scale-frame which consists of a separate side composed of two parts 5 and 6, one of which is provided with a longitudinal slot 7 and the other with a scale 8, and that part which is provided with the scale 8 is provided with pins or screws 9, which pass through the slot 7 and one of which is adapted to serve as a set-screw.

The scale 8, as shown in the drawings, runs from thirty-six to forty-six inches, and the lower end of the part 6 is provided with an

angular extension 10, which is formed on or secured thereto, and connected with said extension 10 is a bar 11, which is provided with a slot 12, and said extension 10 is provided with pins or screws 13, which pass through said slot and one of which is adapted to serve as a set-screw, and formed on the bar 11 at one side of the slot 12 is a scale 14.

The extension 10 and the bar 11 constitute the bottom of the scale-frame for drafting the front of the skirt, and said extension and bar when connected are slightly curved, and the outer end of the bar 11 is provided with a slot 15, through which passes a screw 16, which is adapted to serve as a set-screw, by means of which said bar is connected with an inclined side piece consisting of a bottom part 17 and an upper part 18, in which is formed a longitudinal slot 19, and the lower part 17 of the inclined side piece of the frame is provided with screws or pins 20, one of which is adapted to serve as a set-screw, and the upper ends of the side pieces of this frame are connected by an inwardly-directed extension 21 on one of said pieces, which is provided with pins or screws 22, which pass through a slot 23, formed in a similar inwardly-directed extension 24 on the upper piece of the opposite side piece, and adjacent to the slot 22 is a scale 25.

The lower part 17 of the inclined side piece is also provided with a scale 26, which is similar to the scale 8, and the outer side of the upper part 18 of said inclined side piece is perfectly straight for a short distance, as shown at 27, while the outer side of the part 5 of the straight side of the frame is preferably inwardly inclined slightly, as shown at 28.

By means of this device the front of the skirt or the length and the width thereof at the top and bottom may be quickly and easily measured, and the scales 8, 14, 26, and 25 may be of any desired character, and in practice the material from which the front of the skirt is cut is first preferably folded, and the straight side piece of the scale-frame is laid along the folded edge, and the opposite or inclined side and the top and bottom of the front piece of the skirt is then marked out and cut in the usual manner.

It will also be understood that the opposite

sides of the frame and the top and bottom thereof are adjustable, and the scale-frame for drafting the side or sides of the skirt is substantially the same as that for drafting the front, this frame being shown in Fig. 2, the only difference being that the straight part 27 of the inclined side is omitted and the top and bottom pieces of the frame are longer, and the inclined side may be provided with a straight portion at the top thereof, as shown at 27 in Fig. 1, if desired.

The scale-frame for drafting the back of the skirt is shown in Fig. 3 and is substantially of the same form and construction as those hereinbefore described. The straight portion 27 and the inclined portion 28 at the top of the frame are both omitted in this form, however; but this is not absolutely necessary, although I prefer it, and in this form of construction the top and bottom portions of the frame are longer than in either of the others, and it will be apparent that though the side pieces in each of said forms of construction may be of any desired length it will also be seen that in Fig. 3 the slotted portion 11 of the bottom of the scale-frame and the slotted portion 24 of the top thereof are secured to or formed on the straight side instead of being connected with the inclined side, as in the other figures; but this arrangement is immaterial, and the exact construction shown in Figs. 1 and 2 may be employed, if desired.

It will also be seen that scales are formed on the opposite sides of the slot 12 in the part 11 and on the opposite sides of the slot 23 in the part 24; but this arrangement is not essential and may or may not be employed.

In drafting the back part of a skirt the material is folded as hereinbefore, and the straight side of the scale-frame shown in Fig. 3 is placed along the fold, and the form of one-half of the back part of the skirt is marked out, as hereinbefore described, on the material, and after the material has been cut it is spread out along the fold, and the entire back of the skirt is thus formed. It will be understood, however, that the back may be composed of two separate pieces, each of which is cut separately by means of the scale, and the front of the skirt may also be similarly formed, if desired.

My improved scale-frames for drafting

skirts may be composed of any desired material, and an entire skirt may be measured and cut by means of a single frame constructed according to my invention, and the object of showing and describing three separate frames for this purpose is only to show the separate styles of frames which I prefer to use in drafting the separate parts of the skirt.

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

The herein-described pattern or chart for drafting skirts comprising a side consisting of two parts 5 and 6 one of which is provided with a longitudinal slot 7 and the other with a scale 8, set-screws 9 secured to said part provided with a scale and adapted to move in the said longitudinal slot 7, the lower end of said part 6 being provided with an angular extension 10, a bar 11, connected therewith, said bar 11 being provided with a longitudinal slot 12, set-screws 13 mounted in said extension 10 and adapted to engage said longitudinal slot 12, said bar being also provided with a scale 14, said bar 11 and extension 10 being so constructed that they will be slightly curved when connected, the outer end of said bar 11, being provided with a longitudinal slot 15; a side piece consisting of a bottom part 17, and an upper part 18 provided with a longitudinal slot 19, screws 20 mounted in said part 17 and adapted to move in the said slot 19, a set-screw 16, mounted in the lower end of said part 17 and adapted to engage said longitudinal slot 15 of the bar 11, the said part 5 being provided with an angular extension 21, at the upper end thereof, set-screws 22 mounted thereon, the said part 18 being provided with an angular extension 24 provided with a slot 23 which said set-screws are adapted to move, said extension 24 being provided with a scale 25, and the said part 17 being provided with a scale 26, substantially as and for the purpose described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 12th day of July, 1897.

ALMEDA A. PINKHAM.

Witnesses:

THOMAS J. CANEDY,
J. WELLS THOMPSON.