

No. 734,279.

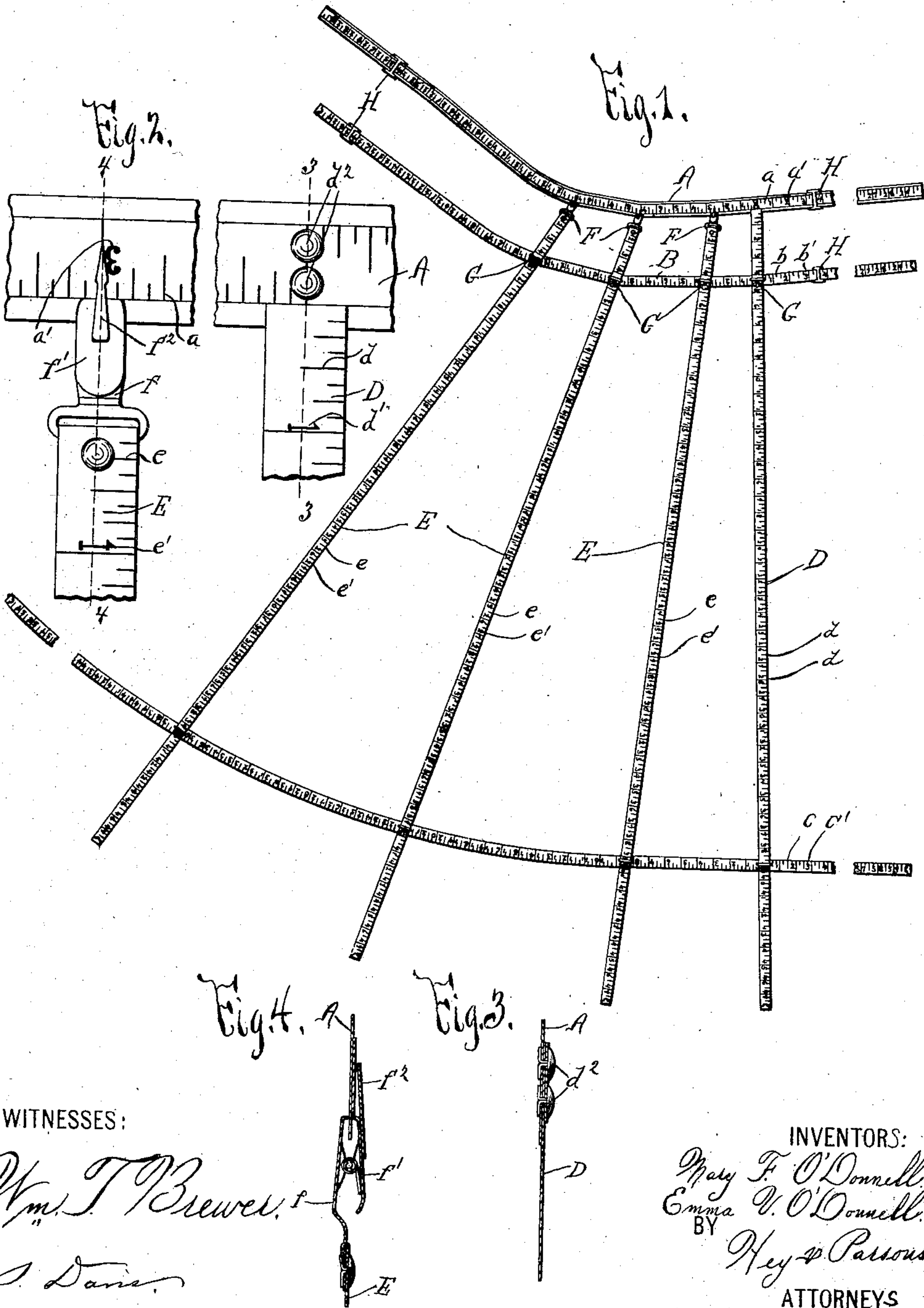
PATENTED JULY 21, 1903.

M. F. & E. V. O'DONNELL.  
SKIRT PATTERN.

APPLICATION FILED AUG. 19, 1901.

NO MODEL.

2 SHEETS—SHEET 1.



WITNESSES:

Wm. T. Brewer.  
S. Davis.

INVENTORS:

Mary F. O'Donnell.  
Emma V. O'Donnell.  
BY Key & Parsons,  
ATTORNEYS

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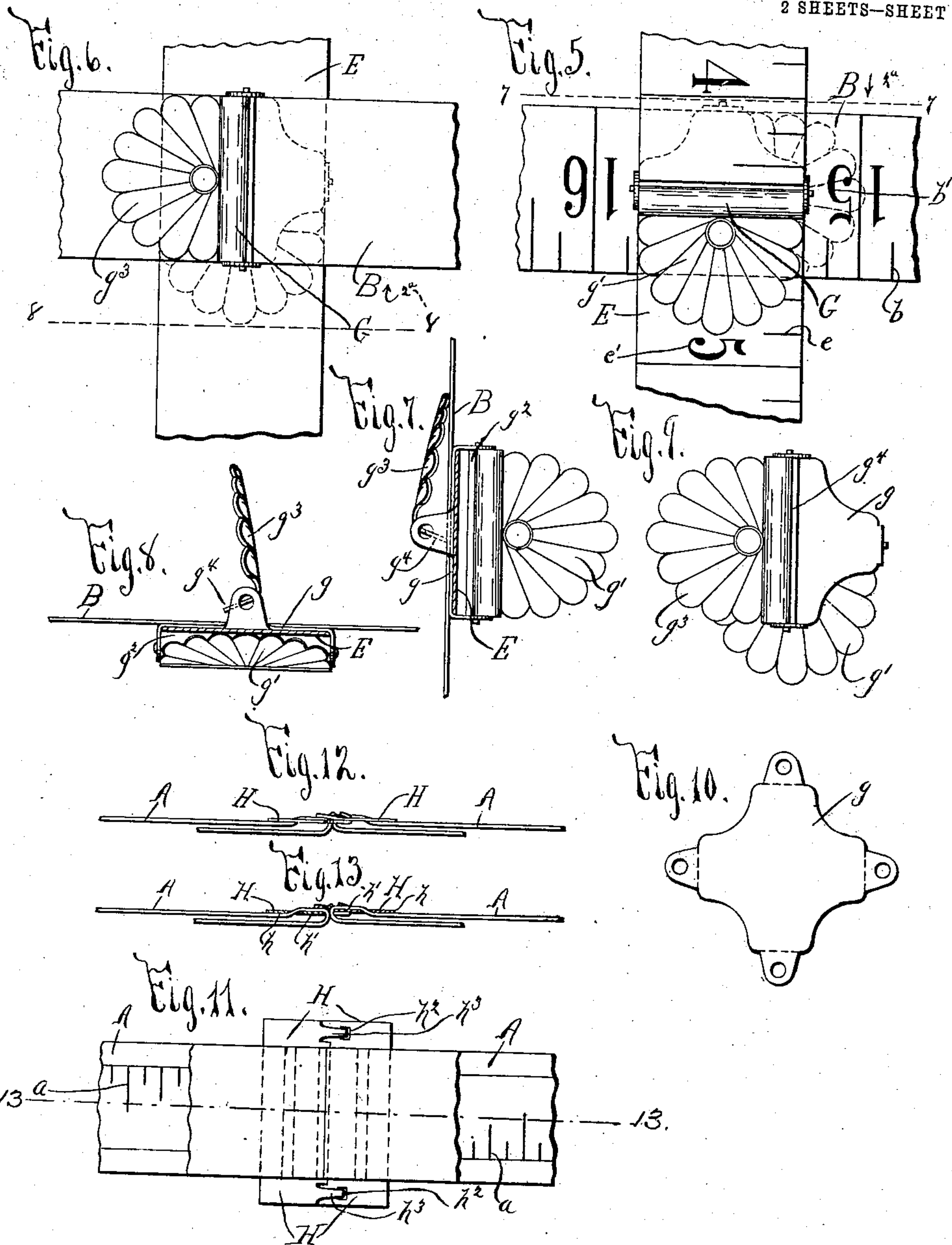
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# UNITED STATES PATENT OFFICE.

MARY F. O'DONNELL AND EMMA V. O'DONNELL, OF SYRACUSE, NEW YORK.

## SKIRT-PATTERN.

SPECIFICATION forming part of Letters Patent No. 734,279, dated July 21, 1903.

Application filed August 19, 1901. Serial No. 72,489. (No model.)

*To all whom it may concern:*

Be it known that we, MARY F. O'DONNELL and EMMA V. O'DONNELL, of Syracuse, in the county of Onondaga and State of New York, have invented certain new and useful Skirt-Patterns, of which the following is a specification.

Our invention has for its object the production of a skirt-pattern which is particularly simple in construction, is readily fitted to the person, and is highly efficient in use; and it consists in certain novel parts and combinations, as hereinafter described, and pointed out in the claims.

In describing this invention reference is had to the accompanying drawings, forming part of this specification, in which like letters designate corresponding parts in all the views.

Figure 1 is a face view, partly broken away, of our skirt-pattern, the connecting members for securing together the ends of the bottom band being omitted. Fig. 2 is an enlarged face view of portions of the waistband and two of the upright tapes secured thereto. Figs. 3 and 4 are vertical sectional views taken, respectively, on lines 3 3 and 4 4, Fig. 2. Figs. 5 and 6 are outer and inner face views of intersecting portions of the hip-band and one of the upright tapes and the corresponding connecting member. Figs. 7 and 8 are sectional views taken, respectively, on lines 7 7 and 8 8, Figs. 5 and 6. Fig. 9 is a face view of one of the detached connecting members of our skirt-pattern. Fig. 10 is a plan view of the blank for the base-plate of said connecting member. Figs. 11 and 12 are respectively plan and edge views of the ends of the waistband and the connecting members therefor. Fig. 13 is a longitudinal sectional view taken on line 13 13, Fig. 11.

Our skirt-pattern consists of waist, hip, and bottom bands A B C, upright tapes D E, and connecting members F G H.

The bands A B C are provided with suitable graduations *a b c* and with indicating characters *a' b' c'*, reading in opposite directions from the intermediate portions of the

bands. Said characters *a' b' c'* on each band at one side of the intermediate portion thereof are preferably inverted for more clearly distinguishing between the opposite ends of the bands and facilitating the use of the pattern to cut opposite sides of the skirt of dissimilar shape.

The upright tapes D E are obviously arranged at substantially right angles with the bands A B C and are also provided with suitable graduations *d e* and indicating characters *d' e'*. The upper end of the major tape D is fixed to the intermediate portion of the waistband A by any desirable means, as rivets *d*<sup>2</sup>, Figs. 2 and 3.

The connecting members F secure the upper extremities of the minor tapes E to the waistband A and permit adjustment of said tapes lengthwise of the band A toward and away from the major tape D for varying the position of the tapes E relatively to the band A and the tape D. The connecting members G unite the hip and bottom bands B C to the upright tapes D E and permit adjustment of the hip and bottom bands and the connecting members G lengthwise of the tapes D E and adjustment of said tapes and connecting members D E G lengthwise of the bands B C, and the connecting members H secure together the ends of the bands A B C. As best seen in Figs. 2 and 4, the connecting members F consist of base-plates *f*, having their lower ends secured to the upper extremities of the tapes E and their other ends lapped upon the inner face of the waistband A and adjustable lengthwise thereof; fastening parts *f'*, pivoted to the base-plates *f* beneath the waistband A and having their upper ends movable toward and away from the base-plates *f* for detachably securing the waistband between said base-plates and fastening parts, and indicators *f*<sup>2</sup>, consisting of arms fixed to the fastening parts *f'* and lapped upon the outer face of the waistband.

The connecting members G, Figs. 5, 6, 7, 8, and 9, are composed of base-plates *g*; fastening parts *g'*, pivoted to the outer sides of the



base-plates  $g$  in planes at substantially right angles with the tapes D E and having shoulders  $g^2$  movable toward and away from the base-plates  $g$  for detachably securing said tapes D E between the base-plates  $g$  and the fastening parts  $g'$  and permitting adjustment of the bands B C and the connecting members G lengthwise of the tapes D E, and fastening parts  $g^3$ , pivoted to the inner sides of the base-plates  $g$  in planes at substantially right angles with the bands B C and having shoulders  $g^4$  movable toward and away from the base-plates  $g$  for detachably securing said bands B C between the base-plates  $g$  and the fastening parts  $g^3$  and permitting adjustment of the tapes D E and the connecting members G lengthwise of the bands B C.

The connecting members H, Figs. 11, 12, and 13, for each band are arranged opposite to each other in close proximity and are usually provided with separated bars  $h$   $h'$ , and one of said members H of each pair thereof is formed with slots  $h^2$  in its upper and lower ends, which receive hook-shaped arms  $h^3$ , projecting from the contiguous edge of the other connecting member H of said pair. The ends of the bands A B C are passed between the bars  $h$   $h'$  of the members H and over the contiguous edges of said members H between the arms  $h^3$ . These connecting members H reduce to a minimum the amount of separation of the ends of the bands A B C when in operative position.

In the use of our skirt-pattern the dress-maker determines upon the number of gores or seams of the skirt and uses a tape E for each gore or seam of one-half of said skirt. She then places the pattern upon the side of the person to be fitted, adjusting the waist, hip, and bottom bands and the upright tapes to the corresponding measurements of said person, whereupon the pattern may be removed, the cloth cut for either one-half of the skirt or the whole thereof, as desired, and the skirt when made will fit and hang in the same manner as the skirt-pattern when properly adjusted.

The construction and operation of our skirt-pattern will now be readily understood upon reference to the foregoing description and the accompanying drawings, and it will be obvious to those skilled in the art that more or less change may be made in the component parts thereof without departing from the spirit of our invention.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. A skirt-pattern, consisting of a waist, hip and bottom bands, an upright tape fixed to the waistband, additional upright tapes, and connecting members carried thereby having parts engaging opposite faces of the waistband for securing the additional tapes thereto, one of the parts associated with each ad-

ditional tape being movable toward and from its companion to engage and disengage the connecting members with the waistband, and indicators carried by said connecting members, substantially as described.

2. In a skirt-pattern, the combination with a waistband and an upright tape meeting each other at an angle; of a connecting member consisting of a base-plate fixed to the upright tape, a fastening part pivoted to the base-plate and having a portion thereof movable toward and away from the base-plate for detachably securing the waistband between said base-plate and fastening part, and an indicator consisting of an arm fixed to the fastening part and lapped upon the waistband, substantially as and for the purpose set forth.

3. A skirt-pattern consisting of waist, hip and bottom bands, upright tapes, and connecting members for uniting the hip and bottom bands to the upright tapes, said connecting members being provided with movable means for permitting adjustment of the hip and bottom bands lengthwise of the upright tapes, for permitting adjustment of the upright tapes lengthwise of said hip and bottom bands and for clamping said bands and tapes in their adjusted position, substantially as and for the purpose described.

4. A skirt-pattern consisting of waist, hip and bottom bands, upright tapes, connecting members for uniting the waistband to the upright tapes, said connecting members being provided with movable means for permitting adjustment of a plurality of the tapes lengthwise of the waistband and for clamping the tapes to the waistband in their adjusted position, and additional connecting members for uniting the hip and bottom bands to the upright tapes, said additional connecting members being provided with movable means for permitting adjustment of the hip and bottom bands lengthwise of the upright tapes and for permitting adjustment of the upright tapes lengthwise of said hip and bottom bands and for clamping said hip and bottom bands and upright tapes in their adjusted position, substantially as and for the purpose specified.

5. In a skirt-pattern, the combination with a band and an upright tape meeting each other at an angle; of a connecting member consisting of a base-plate, a fastening part pivoted to one side of the base-plate in a plane at substantially right angles with the tape and having a portion thereof movable toward and away from the base-plate for detachably securing the tape between said base-plate and fastening part and permitting adjustment of the band and the connecting member lengthwise of the tape, and a second fastening part pivoted to the other side of the base-plate in a plane at substantially right angles with the band and having a portion thereof movable toward and away from the base-plate for de-

tachably securing the band between said base-  
plate and the second fastening part and per-  
mitting adjustment of the tape and the con-  
necting member lengthwise of the band, sub-  
stantially as and for the purpose set forth.

5 In testimony whereof we have hereunto  
signed our names, in the presence of two at-  
testing witnesses, at Syracuse, in the county

of Onondaga, in the State of New York, this  
26th day of November, 1900.

MARY F. O'DONNELL.  
EMMA V. O'DONNELL.

Witnesses:

EDWARD O'DONNELL,  
ELIZABETH O'DONNELL.