No. 819,867. PATENTED MAY 8, 1906.

M. S. DOTY.

SKIRT GAGE.

APPLICATION FILED SEPT. 1, 1900.

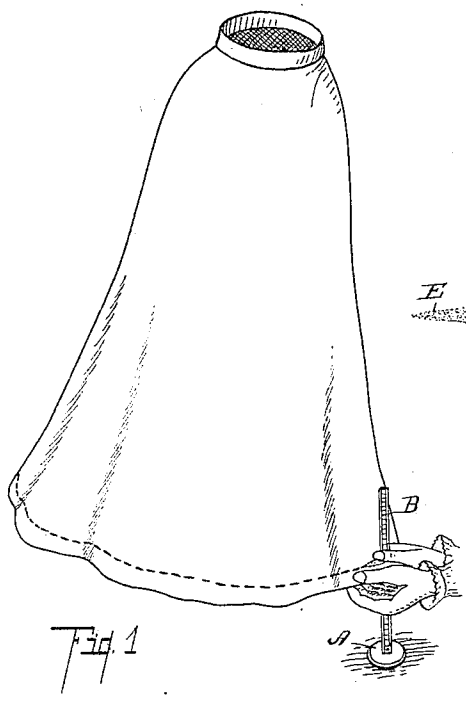


Fig. 1

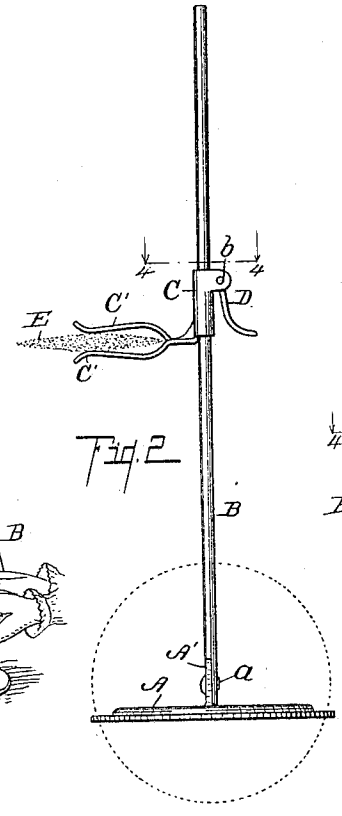


Fig. 2

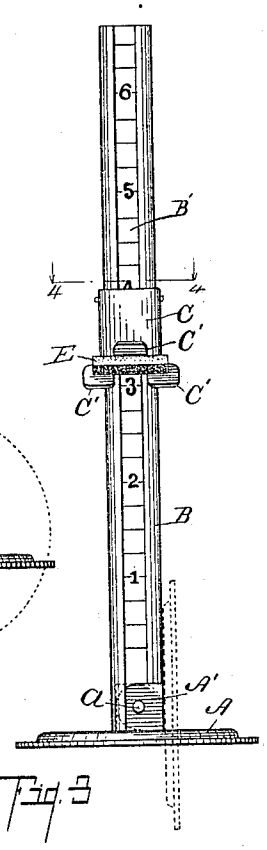


Fig. 3

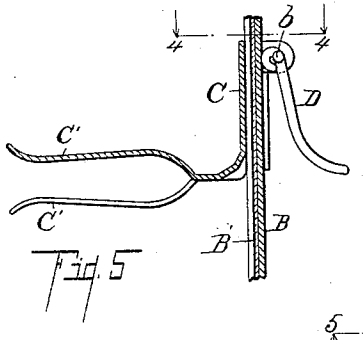


Fig. 5

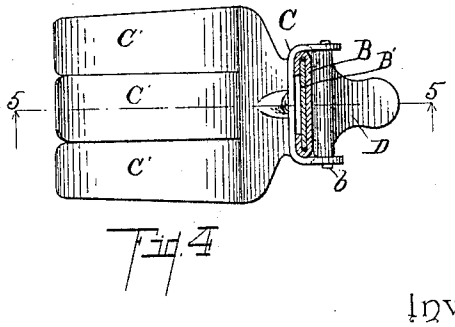


Fig. 4

Witnesses:

Alice E. Houghton

Otis A. Earl

Inventor,

Marie S. Doty

By Fred L. Lapsley

Att'y.

UNITED STATES PATENT OFFICE.

MARIE S. DOTY, OF CHICAGO, ILLINOIS.

SKIRT-GAGE.

No. 819,867. Specification of Letters Patent. Patented May 8, 1906.

Application filed September 1, 1900. Serial No. 28,758.

To all whom it may concern:

Be it known that I, MARIE S. DOTY, a citizen of the United States, residing at the city of Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Skirt-Gages, of which the following is a specification.

This invention relates to an improved device or means for correctly marking or gaging the bottom of a dress-skirt or other garment or for making true horizontal lines around a garment of any description when on the person of the wearer.

The objects of the invention are, first, to provide a simple and efficient device which will rest upon the floor or platform and support a piece of chalk or other suitable marking material for drawing a line or gaging the garment; second, to provide in such a device an improved adjustable holder for the marker; third, to provide an improved standard and gage for such a device; fourth, to provide such a structure which can be folded and is consequently very compact and convenient for shipment and for placing in drawer or box when not in use.

Further objects will definitely appear from the detailed description to follow.

The objects of this invention are accomplished by the devices and means described in this specification.

The invention is clearly defined and pointed out in the claims.

A structure embodying the features of my invention is fully illustrated in the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a perspective view of the device in use in marking a skirt. Fig. 2 is a detailed side elevation of my improved device much enlarged, the position to which the base folds being indicated by dotted lines. Fig. 3 is an front elevation of the same, showing the location of the scale, the positionof the base when folded also being indicated by dotted lines. Fig. 4 is an enlarged detail sectional view of the chalk-holder and adjusting means therefor, taken on a line corresponding to line 4 4 of Figs. 2, 3, and 5. Fig. 5 is a detail sectional view taken on line 5 5 of Fig. 4, illustrating the same parts as appear in Fig. 4.

In the drawings, the sectional views are taken looking in the direction of the little arrows at the ends of the section-lines, and similar letters of reference refer to similar parts throughout the several views.

Referring to the lettered parts of the drawings, A represents a base having an upwardly-projecting ear or lug A′ at the center. This base is preferably constructed of sheet metal and is made smooth on the under side, so that it will be readily moved along the floor. It could of course be made of any suitable material or any suitable form.

To the ear at the center of the base is pivoted a standard B, provided with a stop, so that it can be turned to the vertical position when in use or it and the base can be folded together at other times. The standard B is made of a strip of sheet metal the edges of which are turned upon itself, forming flanges, a little space being left to receive a cardboard scale B′, which is slid into the same, as clearly appears in Figs. 3, 4, and 5. This is a simple and efficient way of constructing a standard or scale and possesses decided merits on account of its simplicity and convenience. However, the scale could be constructed in any suitable form in connection with the standard for use with the remaining parts of the device.

The holder C for chalk or marker of similar description is made up of a single main piece of sheet metal punched and bent to the proper form. Slits are made in a horizontally-projecting part, dividing it into three fingers, the center one of which is bent upwardly and the side ones downwardly. These fingers are shaped like jaws to receive the chalk or marker E, as clearly appears in Fig. 2. The rear portion of the holder is bent upwardly and formed into a sleeve, which embraces the standard B. A lever D, with cam, is pivoted at *b* to serve to clamp the holder in any desired position indicated by the scale on the standard. This holder can also be modified and made up of several pieces instead of the single main piece, or otherwise formed to suit the convenience of the manufacturer or user, though the exact form in which it is shown on account of its simplicity possesses merit over any other.

In use my improved measuring and marking device possesses great convenience for the reason that in laying out the skirt or garment from pattern or measurements it will almost always be found not to hang evenly, owing to the poise of the figure or unequal development of the same. By using my improved measure it is possible to set the chalk marker at any desired height above the floor, and by passing around the figure quickly

mark the garment at an even height above the floor.

The device is small and passes into all folds of the garment, marking them all at an even height above the floor. This has been impossible to accomplish prior to my invention.

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

1. The combination of the base A with the central ear A′; the standard B of sheet metal the edges of which are turned into flanges pivoted at *a* to the ear A′; a scale B′ inserted into the standard B; an adjustable holder formed with the elastic fingers C′, C′, to embrace the chalk or marker extending into a sleeve to embrace the standard and a lever D, with a cam, pivoted to the sleeve to clamp the holder adjustably on the standard coacting for the purpose specified.

2. The combination of the base A with the central ear A′; the standard B of sheet metal the edges of which are turned into flanges secured to the ear A′; a scale B′ inserted into the standard B; an adjustable holder formed with the elastic fingers C′, C′ to embrace the chalk or marker extending into a sleeve to embrace the standard and a lever D, with a cam, pivoted to the sleeve to clamp the holder adjustably on the standard coacting for the purpose specified.

3. The combination of the base A with the central ear A′; the standard B of sheet metal the edges of which are turned into flanges secured to the ear A′; a scale B′ inserted into the standard B; an adjustable holder formed with the elastic fingers C′, C′, to embrace the chalk or marker, coacting for the purpose specified.

4. The combination of a base; a standard formed of sheet metal, the edges of which are turned into flanges, pivotally supported on said base; a scale inserted into said standard; and an adjustable marking device on said standard, for the purpose specified.

In witness whereof I have hereunto set my hand and seal in the presence of two witnesses.

MARIE S. DOTY. [L. S.]

Witnesses:
W. H. DOTY,
I. STERN.