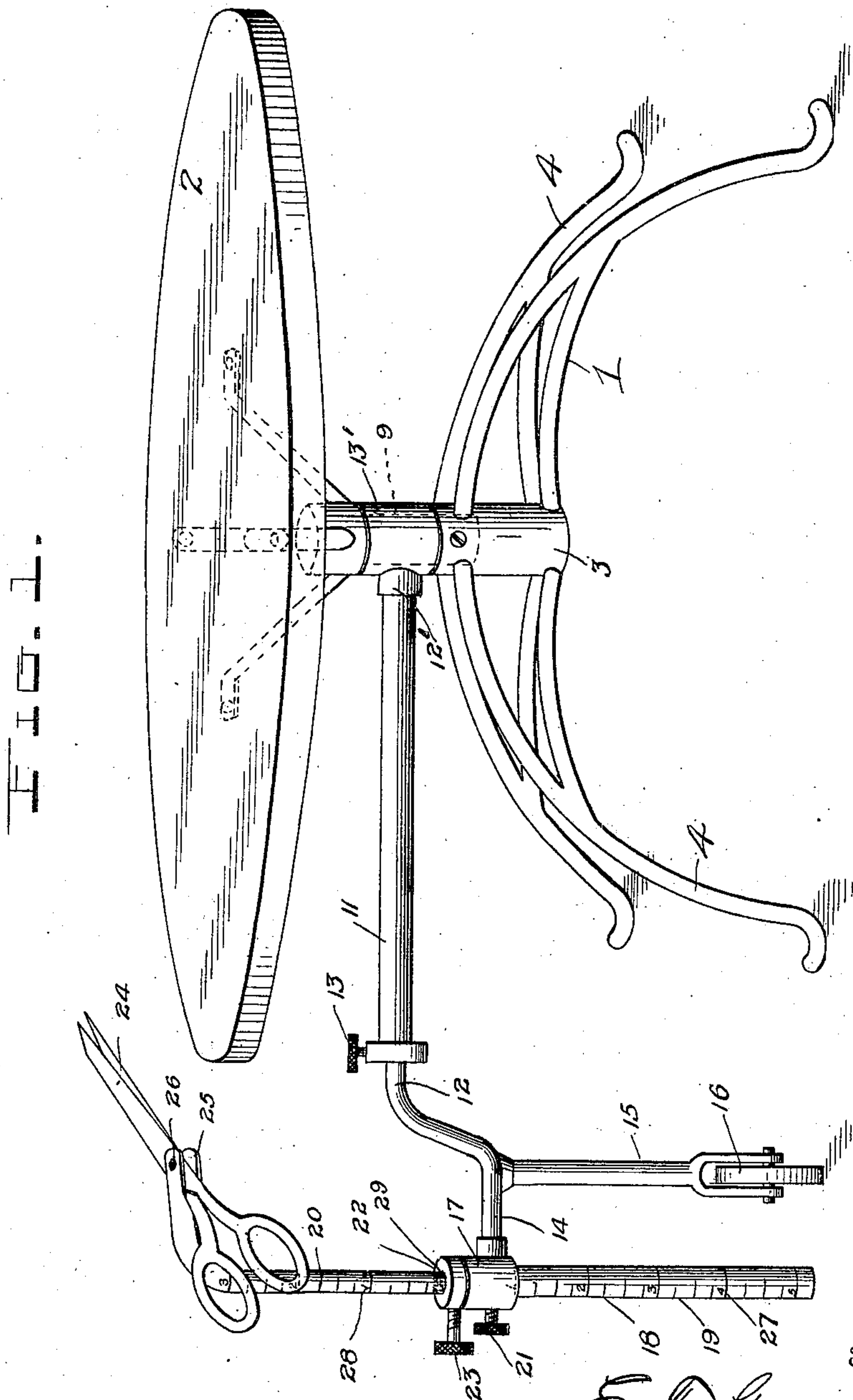


No. 877,325.

PATENTED JAN. 21, 1908.

E. F. GOGGIN.  
GARMENT GAGE AND CUTTER.  
APPLICATION FILED APR. 18, 1907.

2 SHEETS—SHEET 1.



Inventor

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*L. O. Little.*

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Attorney

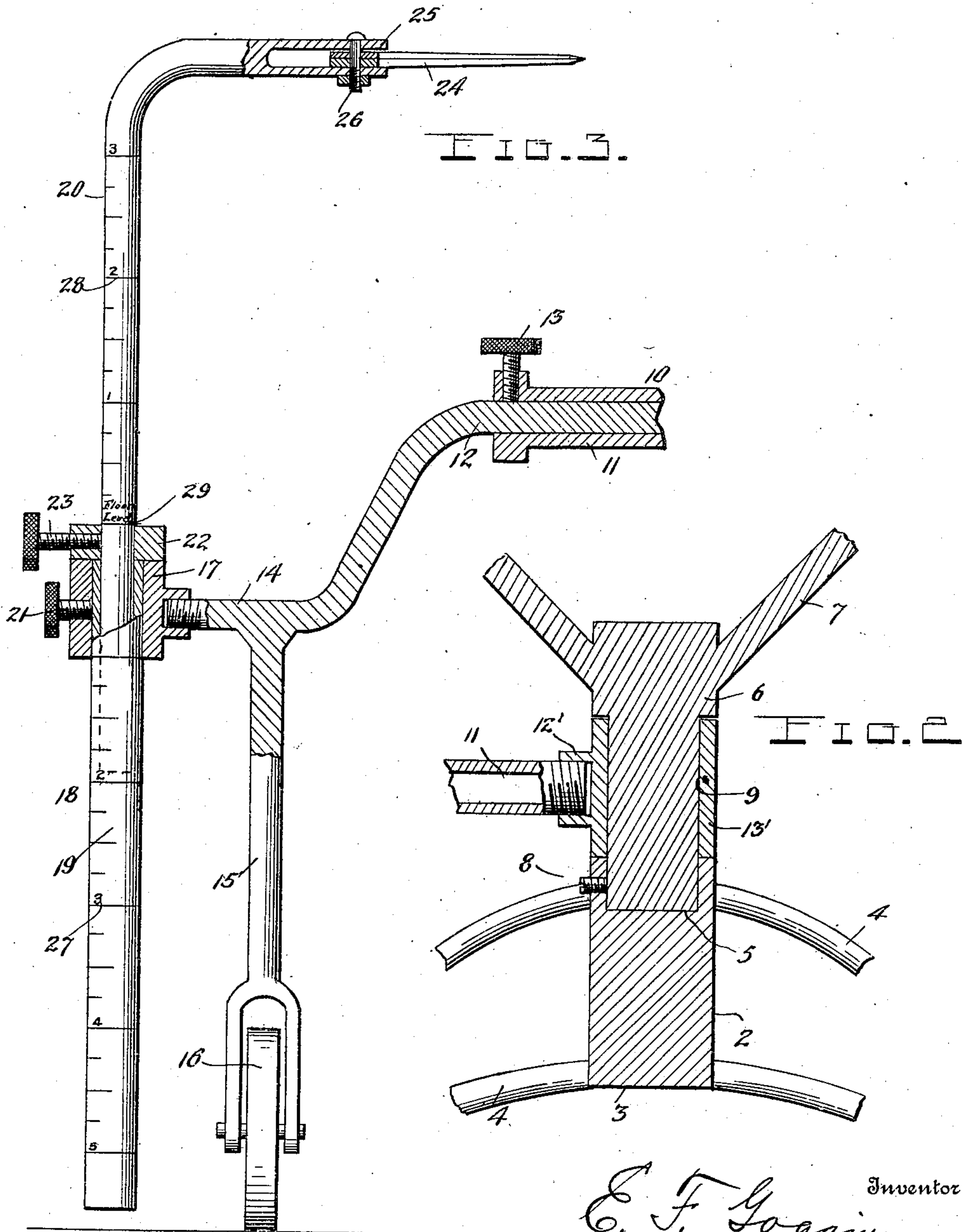


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Attorney



# UNITED STATES PATENT OFFICE.

EDWARD F. GOGGIN, OF SCHENECTADY, NEW YORK.

## GARMENT GAGE AND CUTTER.

No. 877,325.

Specification of Letters Patent.

Patented Jan. 21, 1908.

Application filed April 18, 1907. Serial No. 368,929.

*To all whom it may concern:*

Be it known that I, EDWARD F. GOGGIN, a citizen of the United States, residing at Schenectady, in the county of Schenectady and State of New York, have invented certain new and useful Improvements in Garment Gages and Cutters, of which the following is a specification, reference being had therein to the accompanying drawing.

My invention relates to improvements in devices by means of which ladies' skirts and similar garments may be cut off evenly at the bottom and the length properly gaged to allow for a hem or tuck.

The object of the invention is to provide a simple and practical device of this character which will be convenient in use and which may be readily adjusted for cutting skirts of various widths.

With the above and other objects in view the invention consists in the novel features of construction, combination and arrangement of parts hereinafter described and claimed, and illustrated in the accompanying drawings, in which

Figure 1 is a perspective view of my improved gage and cutter for garments; Fig. 2 is a detail section through the inner end of the swinging arm, showing the manner in which it is pivoted; and Fig. 3 is a similar view through the outer end of said arm, showing the manner in which the gage and cutter are adjusted.

The invention comprises a suitable platform or stand which as here shown comprises a base 1, and a circular top 2. The base 1 consists of a central body portion 3 from which radiates downwardly curved supporting legs 4 and in the top of which is formed a socket 5 for the reception of the lower end of a stem 6 depending from the top 2. The stem 6, as well as the base 1, is preferably in the form of a casting and said stem is secured centrally upon the under face of the top 2, which latter is preferably of wood, by screwing thereto the radiating arms 7 upon the upper end of the stem. The lower end of the stem is secured in the socket 5 in the base by a set screw 8 or any other suitable fastening which will allow the parts to be separated. Said lower end of the stem is reduced and of cylindrical form so that its portion 9 between the upper end of the base and the shoulder formed by its reduction provides a vertical pivot for a radially projecting arm. This arm is adapted to carry

a gage and a cutter or other tool and it is made adjustable in length to allow such tool to operate upon skirts of different widths. This adjustment of the arm is preferably effected by making it of an inner tubular section 11 into which an outer section 12 telescopes and is adjustably secured by a set screw or the like 13.

The inner end of the tubular section 11 is screwed into a threaded socket 12' formed by one branch of a T-shaped coupling, the cross portion 13' of which forms a bearing sleeve which surrounds and rotates upon the pivot 9, as clearly shown in Fig. 2. The outer end of the adjustable section 12 of said arm is preferably bent downwardly to provide an offset portion 14 from which depends a hanger or support 15 for a supporting roller 16. This roller is designed to support the outer end of the arm and the parts which it carries to relieve its inner pivoted end of strain and to steady the parts as the arm is rotated or swung around the platform. Said portion 14 of the arm, as clearly shown in Fig. 3, is screwed into one branch of a substantially T-shaped coupling member 17, the cross portion of which is vertically disposed to provide a guide for an adjustable upright gage 18 which also serves as a support for the cutter or other tool. This upright member 18 consists of a tube or sleeve 19 adapted to slide vertically in the sleeve 17 and into which telescopes a graduated supporting rod 20. The tube 19 is adjustably secured in the sleeve 17 by a set screw or the like 21, and the rod 20 is supported at any desired elevation in the tube 19 by means of a loose collar 22 arranged upon said rod for engagement the upper end of the sleeve 17 and adapted to be adjustably connected or fixed to said rod by a set screw 23, as clearly shown in Fig. 3. This means of adjustment for the rod 20 enables the same to rotate freely while its upper end is disposed in any desired horizontal plane. This upper end of said rod may carry a tool of any description but in the present embodiment of the invention it carries a cutting device 24. This cutting device is preferably in the form of a pair of shears and its blades are arranged in a bifurcated portion 25 of the bent upper end of the rod 20 and retained therein by its pivot screw 26 which latter also passes through said bifurcated portion or end 25, as clearly shown in Fig. 3. The tube 19 and rod 20 may be provided with scale graduations of any descrip-



tion but I preferably graduate the tube 19 in inches and fractions thereof, as shown at 27, and similarly graduate the rod 20, as at 28, beginning from the point 29 near its lower end marked "floor level".

The use of the invention is as follows: The person whose skirt or garment is to be cut off stands upon the top 2 of the platform or stand and the section 12 of said arm is then adjusted in the section 11 according to the width of the skirt. The rod 20 and sleeve 19 are then adjusted by means of the set screws 23, 21 so that the cutter will be disposed in the proper horizontal plane according to the length it is desired to give the skirt, due allowance being made for a hem or tuck if such is desired. The location of the mark 29 upon the rod 20 is such that when the parts are in the position shown in Figs. 1 and 3, the scissors will be held so that the skirt will be cut off at the level of the floor. When a hem or tuck is to be allowed for, the rod 20 is lowered in the sleeve 19 and when the skirt is to be of shorter length, the rod 20 may be raised in said sleeve or the sleeve may be raised in its guide and support 17, as will be readily understood.

From the foregoing it will be seen that the device will effect a great saving of time, since it may be readily adjusted for stout or thin people and for cutting skirts of any length. When properly adjusted it will cut them off evenly at the bottom so that they will hang correctly without regard to the shape of the person who is having the skirt fitted.

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

1. In a device of the character described, a platform or stand, a tubular arm pivoted at its inner end to said stand, a rod to slide in said tubular arm, means for securing said rod in an adjusted position in said arm, a stationary sleeve disposed vertically on the outer end of said rod, a tool carrying upright arranged in said sleeve, and means for securing said upright in an adjusted vertical position for horizontal swinging movement, substantially as described.

2. In a device of the character described, a platform or stand, a tubular arm pivoted at its inner end to said stand, a rod to slide in said tubular arm, means for securing said rod

in an adjusted position in said arm, a stationary sleeve disposed vertically on the outer end of said rod, a hanger depending from said rod, a roller journaled in said hanger, an upright rod arranged in said sleeve and having an angular upper end, means for securing said upright rod in an adjusted position for free rotary movement, and a pair of scissors carried by the upper angular end of said upright rod, substantially as described.

3. In a device of the character described a platform or stand, a swinging arm pivotally mounted upon the same, an upright having an angular upper end, a pair of scissors carried by said upper end of the upright, and means for securing said upright in an adjusted vertical position upon said arm for free rotary movement, substantially as described.

4. In a device of the character described, a platform or stand, an extensible arm pivoted at its inner end upon said stand, a vertical guide upon the outer end of said arm, a tube slidable in said guide, means for securing said tube in said guide, a rod rotatable and slidable in said tube, an adjustable collar upon said rod and a tool carried by the upper portion of said rod.

5. In a device of the character described, a platform or stand, an extensible arm pivoted at its inner end upon said stand, a vertical guide sleeve upon the outer end of said rod, a graduated tube slidable in said sleeve, a set screw for clamping said tube in said sleeve, a graduated rod rotatable and slidable in said tube, a loose collar on said rod, a set screw for clamping said collar on said rod and a tool carried by the upper portion of said rod.

6. In a device of the character described, a platform or stand, a swinging arm pivotally mounted upon said stand, a vertical guide upon the outer end of said arm, a tube adjustable in said guide, a rod rotatably mounted and longitudinally adjustable in said tube and a tool carried by the upper portion of said rod.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

EDWARD F. GOGGIN.

Witnesses:

CLIFFORD STEVENS,  
FRED. J. SAWYER.