

D. A. REYNOLDS.

SKIRT GAGE.

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940,615.

Patented Nov. 16, 1909.

Fig. 1.

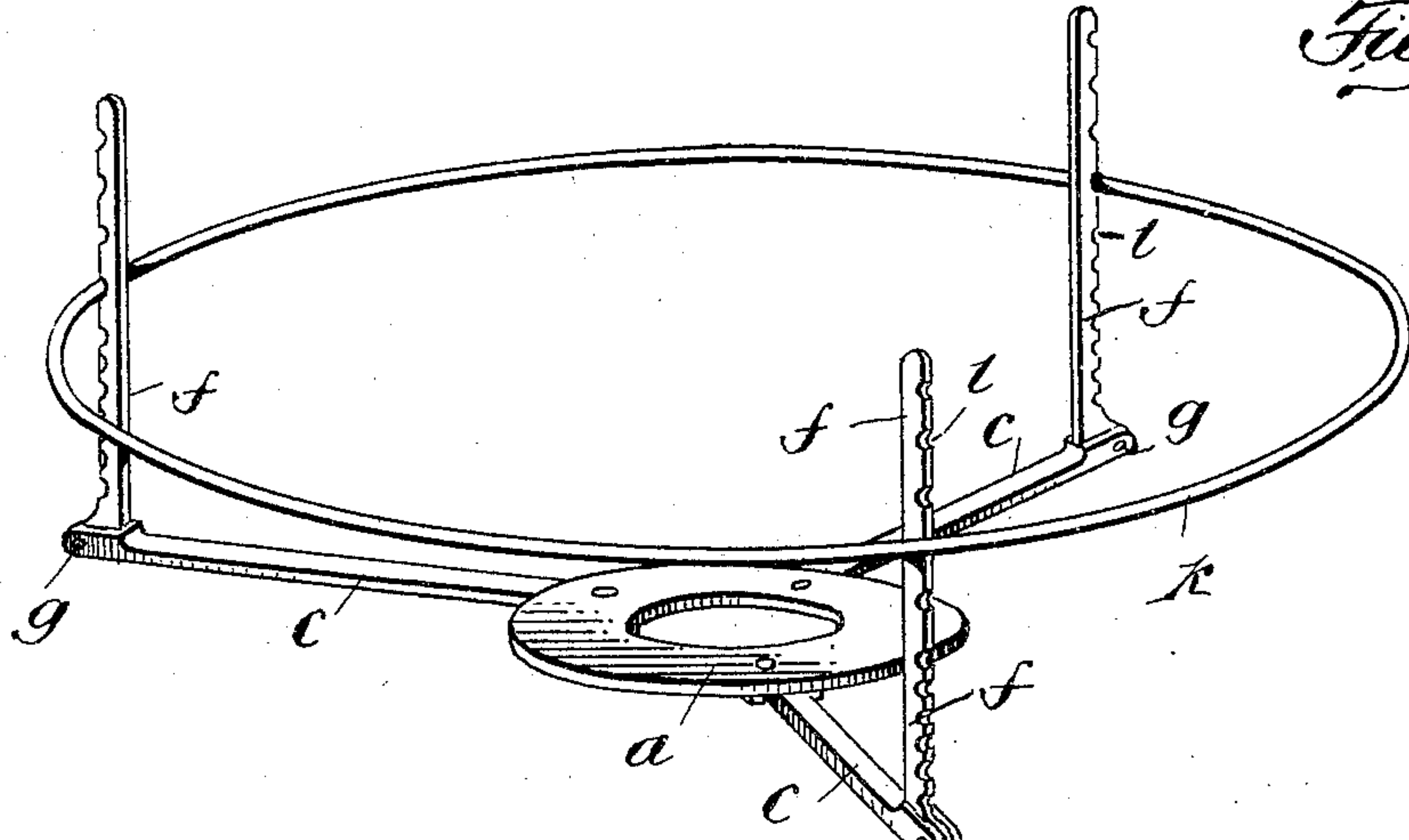


Fig. 2.

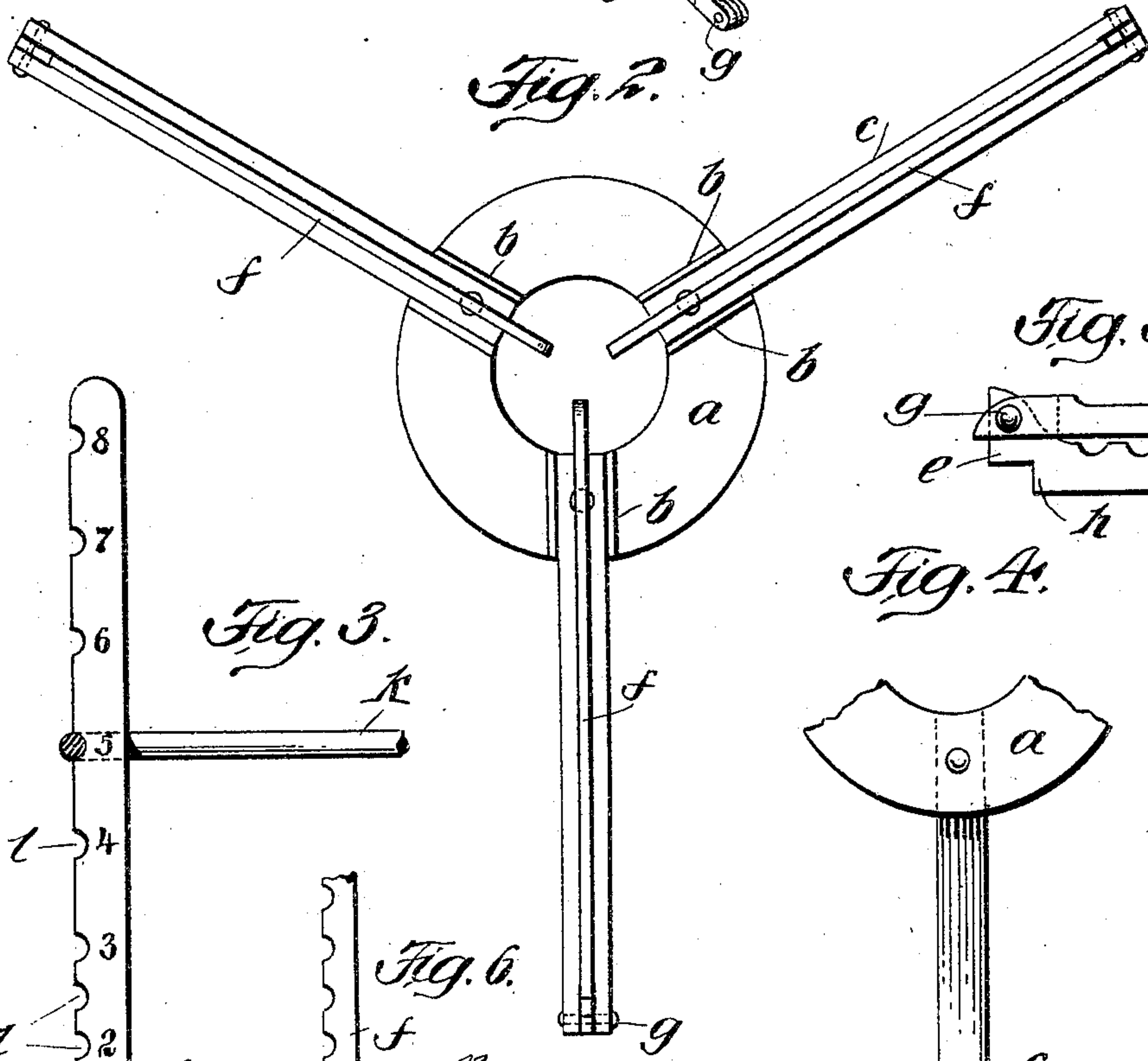


Fig. 3.

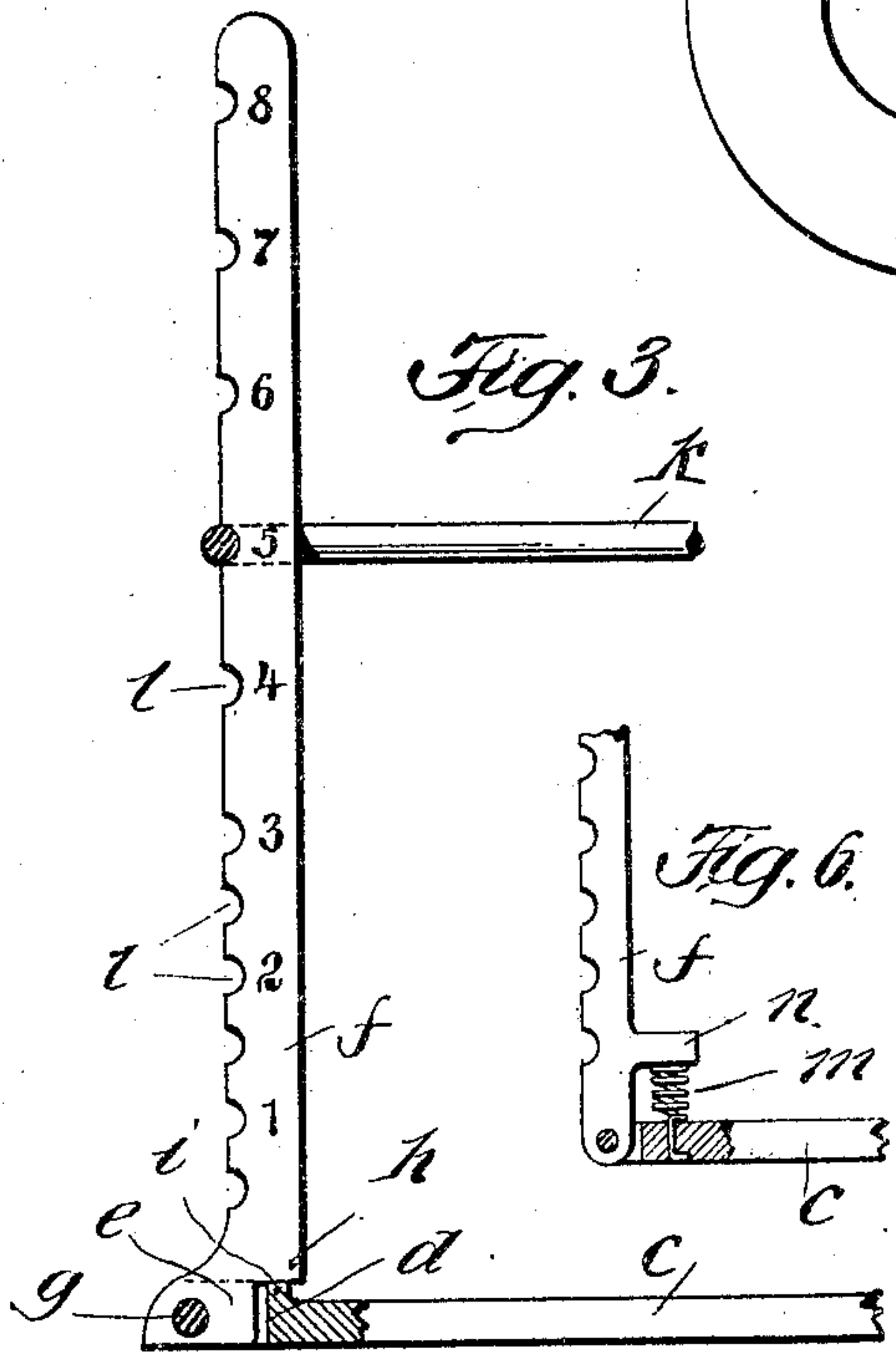


Fig. 6.

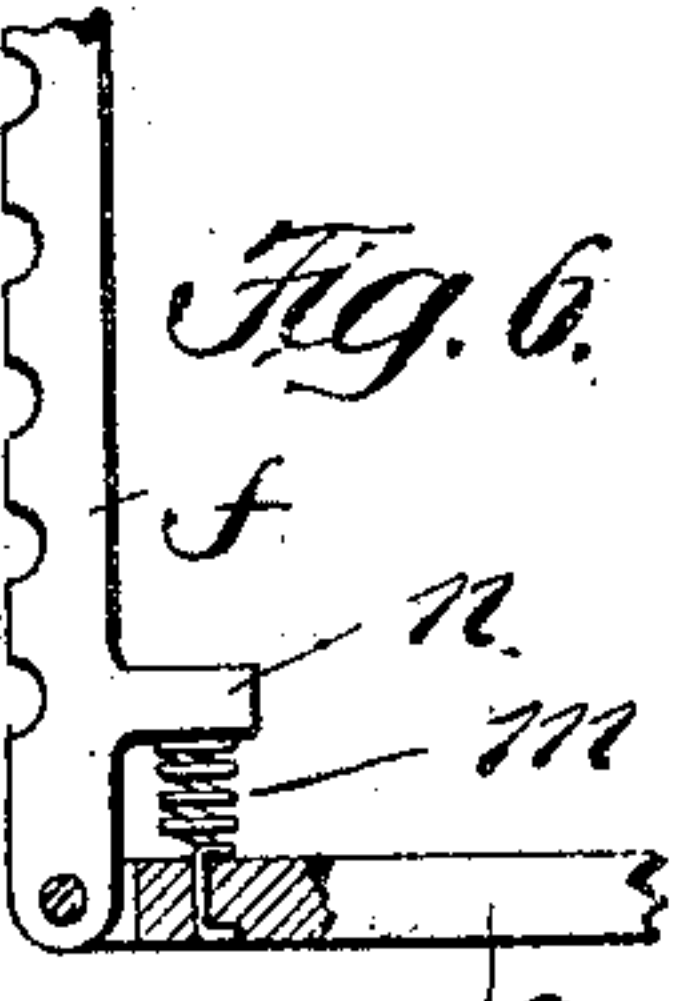


Fig. 5.

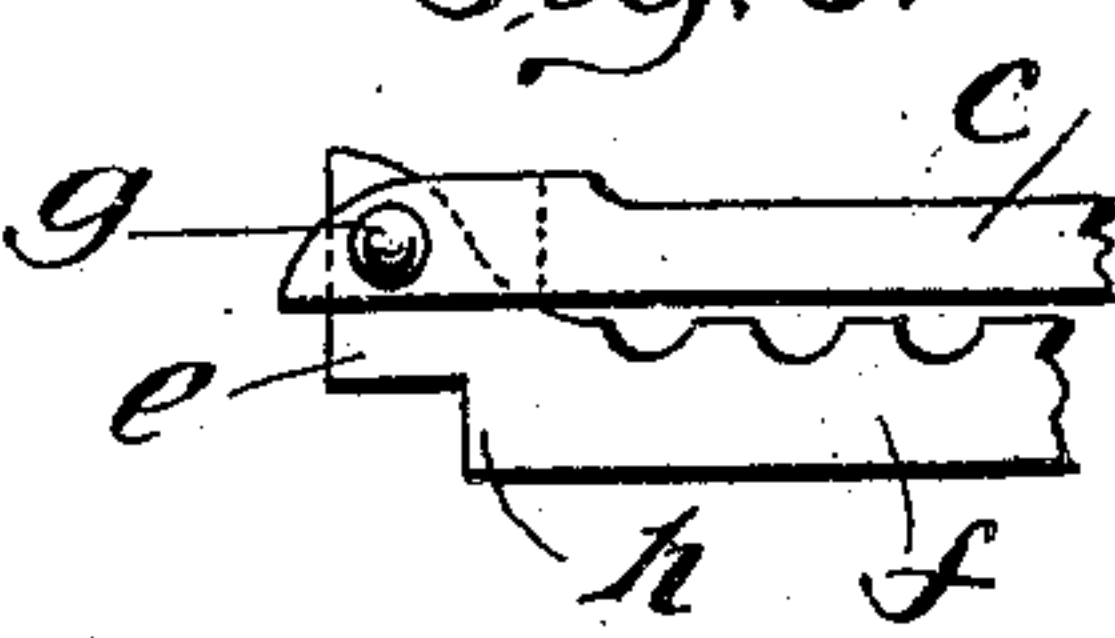
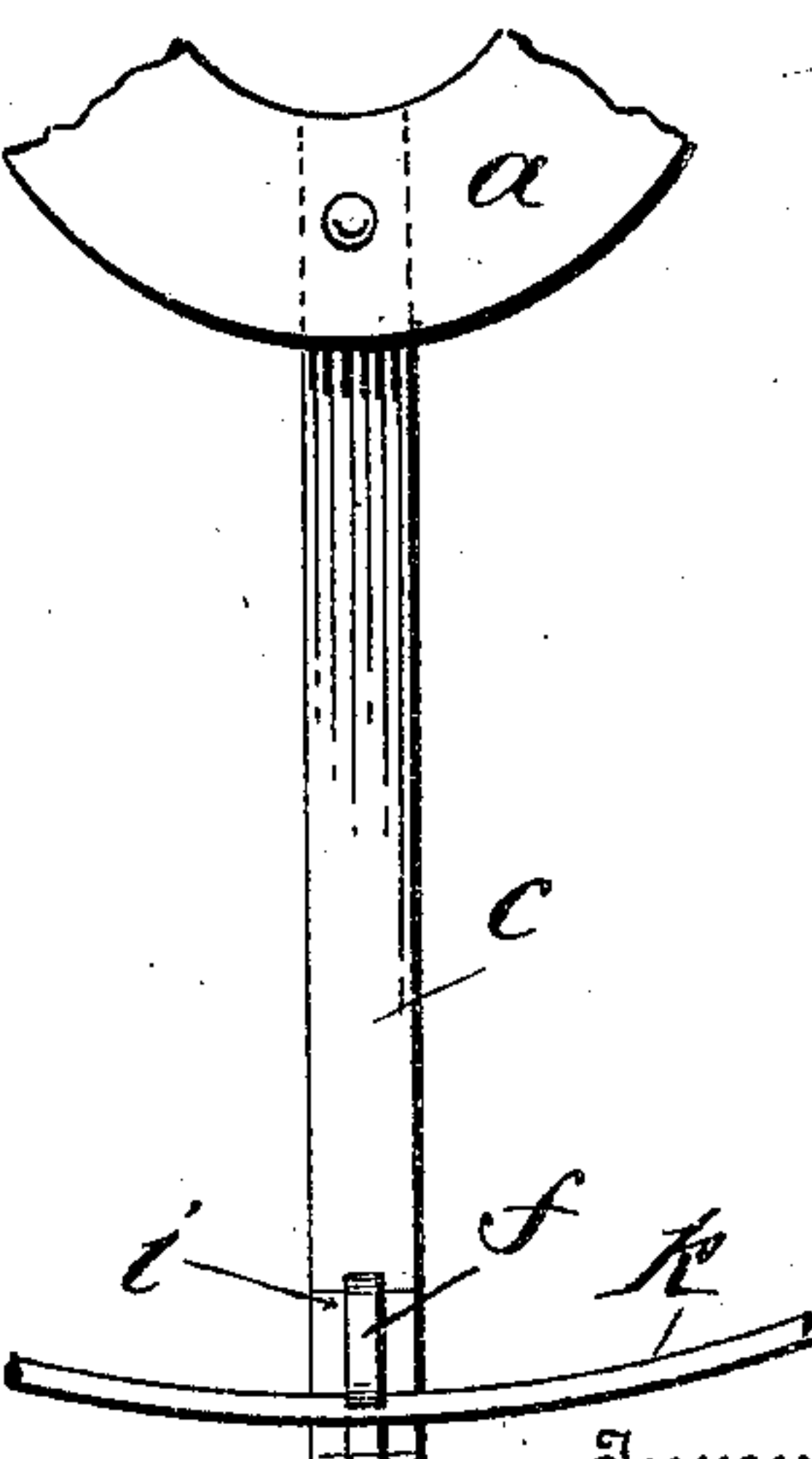


Fig. 4.



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UNITED STATES PATENT OFFICE.

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SKIRT-GAGE.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, DANIEL A. REYNOLDS, of the city of New York, borough of Brooklyn, county of Kings, State of New York, have invented certain new and useful Improvements in Skirt-Gages, of which the following is a full, clear, and exact specification, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to a device for dress-makers' use to enable a skirt to be cut off or folded in regular form at the bottom, and in its general embodiment it comprises a peculiarly constructed frame having a base and a plurality of standards which are preferably notched on their outer edges and which co-act with a resilient ring that may be adjusted vertically on the standards. The ring is of sufficient size to enable the person for whom the skirt is to be made to stand inside thereof, so that the skirt may hang in folds outside of the ring. The ring may then be adjusted to the desired length of the skirt and will serve as a guide by which the skirt may be marked, for example, with a piece of chalk, to enable it to be subsequently cut or folded at the bottom as may be desired. In this manner the skirt may be cut off or folded regularly and adapted to hang in precisely the form and length desired.

The device may be folded into very compact form so that it may be stored conveniently or packed in a trunk or valise with other goods for transportation.

The invention involves various other features of importance, and all will be set forth hereinafter and particularly pointed out in the claims.

Reference is had to the accompanying drawings, which illustrate, as an example, the preferred manner of embodying the various principles of my invention, in which drawings:—

Figure 1 is a perspective view of the device in position for use; Fig. 2 is a bottom plan view showing the frame folded; Fig. 3 is an enlarged detail showing one of the standards and the manner of mounting the same on the base, together with a fragment of the ring in engagement with the notched standard; Fig. 4 is a detail plan view of a part of the frame and a standard in position for use with a fragment of the ring

engaged therewith; Fig. 5 is an enlarged detail view showing the manner in which these standards are folded under the base; and Fig. 6 is a detail showing a modification in the manner of mounting the standards.

The base comprises a central portion *a* preferably in the form of a broad ring, on the under side of which beads *b* are formed. The beads are in pairs radially disposed and spaced equidistant from each other, and each pair of beads receives one of the arms *c*. These arms are riveted to the ring *a*, the beads *b* holding the arms firmly and rendering only one rivet necessary. At their outer ends, the arms *c* are formed with a notch *d* therein and these notches receive the offset ends, *e*, of the standards *f*. The standards are pivotally secured by means of pins *g* which pass through the ends of the arms *c* and the standards have heels or shoulders *h* at their lower ends *e* which engage a slight projection *i* on the end of the arm, thus limiting the inward movement of the standard (referring to Fig. 3). By this arrangement, the standards may be turned up as shown in Figs. 1 and 3, and will be held in vertical position and prevented from swinging inward beyond the same, owing to the engagement of the heels *h* with the shoulders or raised portions *i* of the arms *c*. The standards may also be turned outward and downward under the frame in the folded position shown in Figs. 2 and 3, thus making the device flat and very compact for storage or shipment. Coacting with the standards *f* is the resilient ring *h*. This is formed of spring metal and is adapted to embrace the standards when in vertical position and to be received in notches *l* formed in the outer edges of the standards. Preferably the notches are numbered as in Fig. 3 and the ring may be adjusted vertically along the standards to extend horizontally at any elevation or to lie at a slight inclination should it be desired, for example, to make the skirt lower behind than in front. In adjusting the ring it is sprung slightly so that it clears the standards from one notch to the other, the ring instantly resuming its circular form and its engagement with the standards. If desired, the ring may be made rigid and the necessary resiliency secured by means of springs *m* shown in Fig. 6. These springs are fastened to the outer ends of the

arms *c* at the top thereof and are engaged at their upper ends by projections *n* extending laterally from the standards *f*. Said springs enable the standards to be moved inward slightly beyond the vertical position shown in Fig. 6 and in this manner the ring may be adjusted vertically without depending upon its resiliency.

In the use of the invention, it is adjusted as shown in Fig. 1 and the person on whom the skirt is to be fitted should stand within the ring, the skirt falling outside thereof. The dressmaker may then mark the skirt where it engages the ring and this will guide the dressmaker in cutting or folding the skirt. It insures a regular cut or fold and avoids the difficulty heretofore experienced in making the skirt even.

The peculiar construction of the device enabling it to be compactly folded is of much importance since otherwise the device would be bulky and involve considerable labor and expense in shipment.

Having thus described the invention, what I claim as new and desire to secure by Letters Patent of the United States is:

1. A skirt gage comprising a frame, stand-

ards mounted thereon and capable of extending vertically from the frame and of folding in under the same horizontally and a ring adjustably held by the standards.

2. A skirt gage comprising a frame, standards mounted thereon and capable of extending vertically from the frame and folding in under the same horizontally and a ring adjustably held by the standards, such ring being resilient to enable it to be adjusted.

3. A skirt gage comprising a base formed of a central part with beads thereon and arms riveted between the beads and extending outward from the central part, standards mounted on said arms and adapted to extend vertically and a ring adjustable on the standards.

4. A skirt gage comprising a base having notched arms, standards pivoted in the notches and having heels to engage the arms to limit inward movement of the standards and a ring adjustable on the standards.

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Witnesses:

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