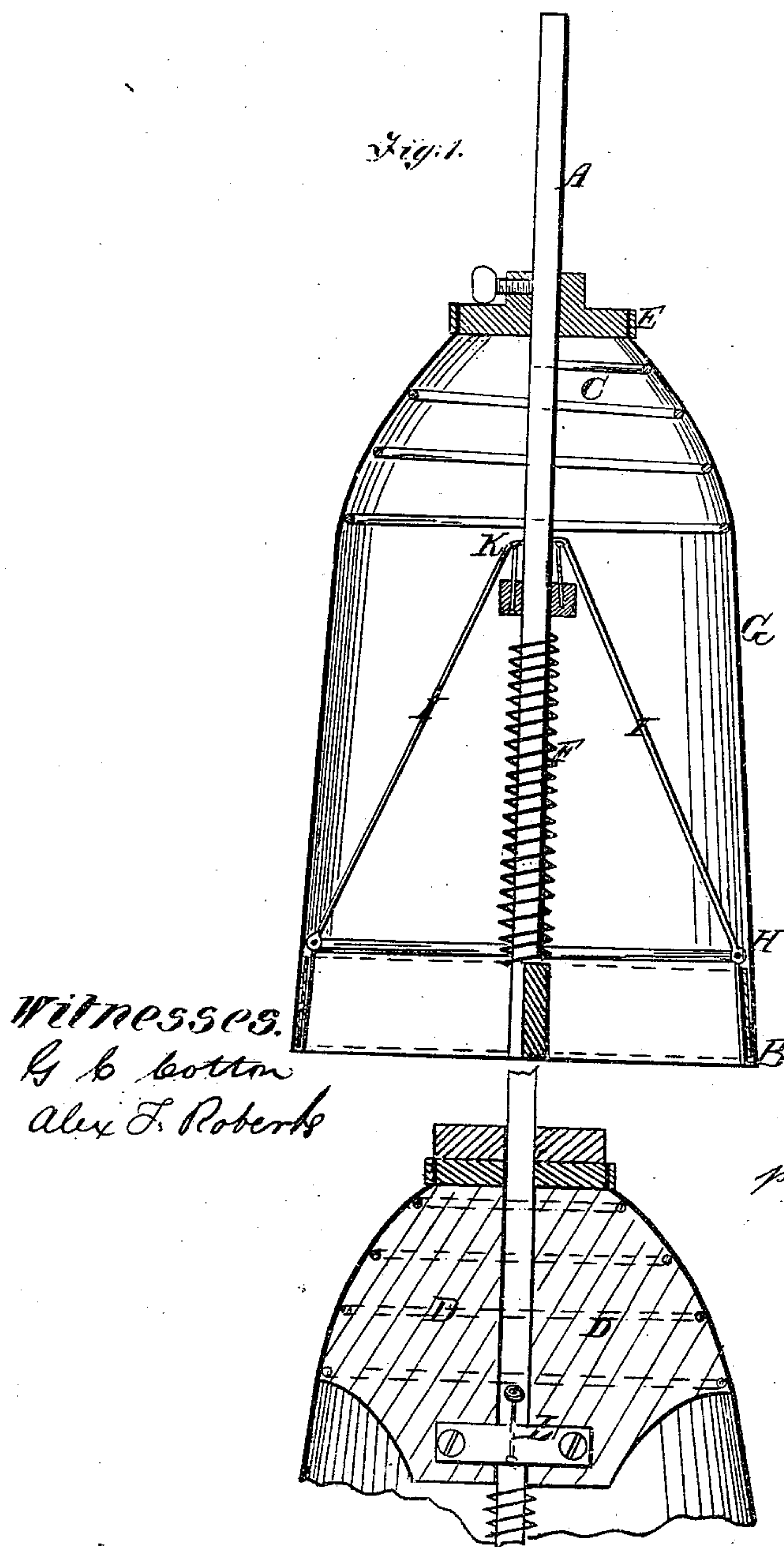


L. G. Rice,
Hoop, Shirt Machine.
No. 84,579. *Patented Dec. 1. 1868.*



Witnesses.
By to bottom
Alex. J. Roberts

Inventor.
L. G. Rice.

per M. W. M. & Co.
Attorneys.



L. G. RICE, OF MONTAGUE, MASSACHUSETTS.

Letters Patent No. 84,579, dated December 1, 1868.

IMPROVEMENT IN DEVICES FOR MEASURING SKIRTS

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, L. G. RICE, of Montague, in the county of Franklin, and State of Massachusetts, have invented a new and improved Skirt-Measuring Device; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to improvements in devices for taking measurements for ladies' skirts.

It consists of a skeleton frame enveloped with a covering in the form of a skirt, which may be placed on the floor beside a lady, and adjusted to a position corresponding with the height of her waist, the tension of the covering during its adjustment being always preserved.

On this frame a skirt may be fitted to suit the size of the person measured.

Figure 1 represents a sectional elevation of my improved apparatus, and

Figure 2 represents a section taken at right angles to that of fig. 1.

Similar letters of reference indicate like parts.

A represents a vertical stand having a circular base, B, which may rest on the floor, or be elevated a short distance above it, on legs.

C represents a skeleton frame of wire hoops, supported upon the brackets D, provided with a circular waist, E, arranged to slide vertically on the stand, and maintained at a sufficient altitude above the base by the spiral spring F.

G represents a cloth covering secured to the waist, and at the lower end passing under the hoop B, and secured to the hoop H, suspended by the cords I, which pass through the staples K, on the stand, and are secured to the cleats L, which are secured to the brackets.

The waist E is provided with a set-screw, by which it may be secured at any point.

To ascertain the length of a skirt that will fit a person, the apparatus standing by the side of the person may be adjusted to the height of the waist of the person to be fitted, which may be ascertained by placing a stick against the waist of the person, and across the top of the apparatus; the stick will assume a level condition when the two are equal.

When the skeleton is adjusted up or down on the stand, the covering will be drawn under the hoop B, in either direction, and always maintained in a taut condition.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

The combination of the cords I, or equivalent, the spring F, and hoop H, with the base B, frame A, and cover G, whereby, as the waist E is adjusted upon the frame, the tension of the cover is preserved, substantially as described, for the purpose specified.

L. G. RICE.

Witnesses:

G. A. CLAPP,
W. H. WARD.