

(No Model.)

C. S. GOODING.
DRESS FORM.

No. 462,700.

Patented Nov. 10, 1891.

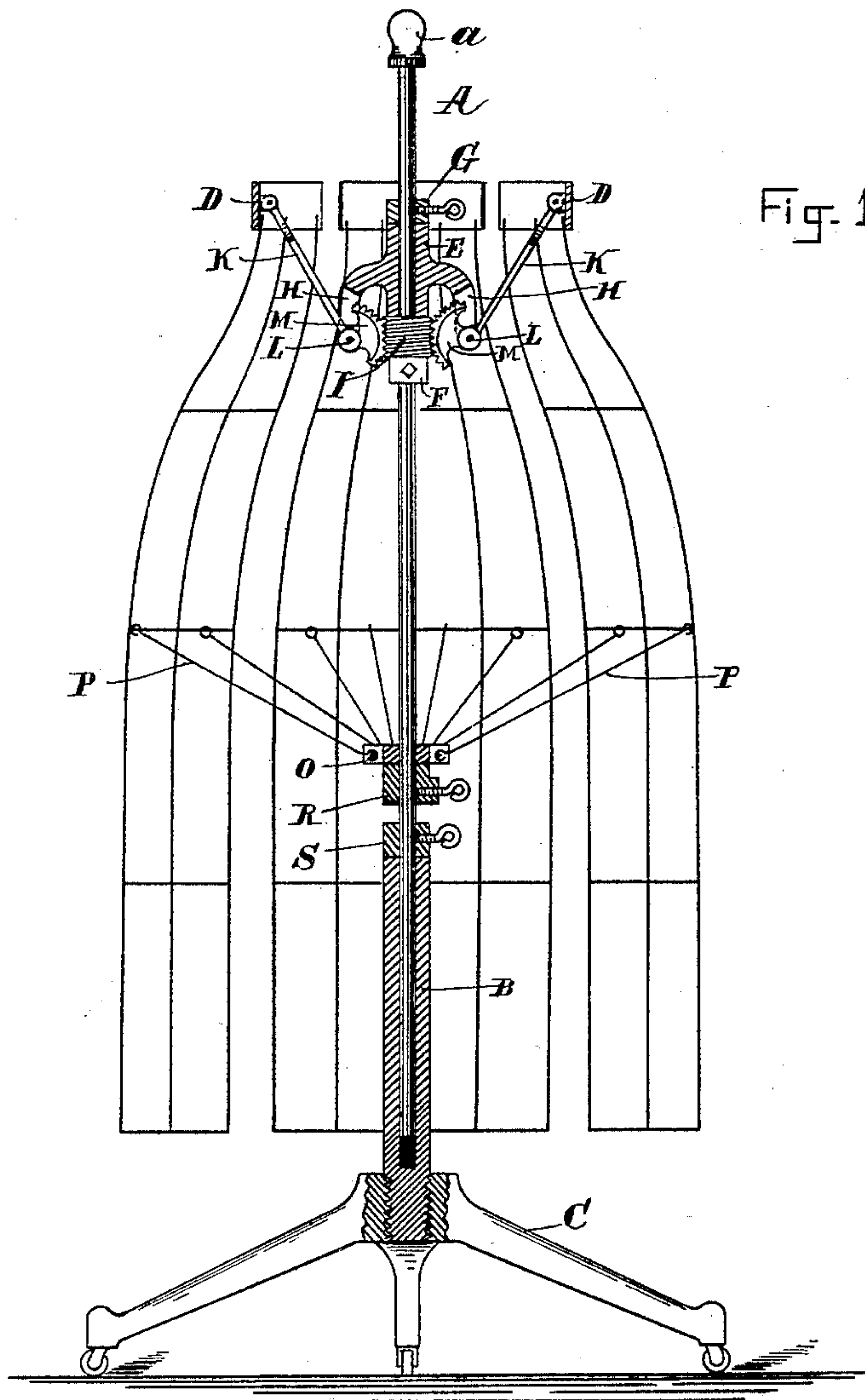


Fig. 1.

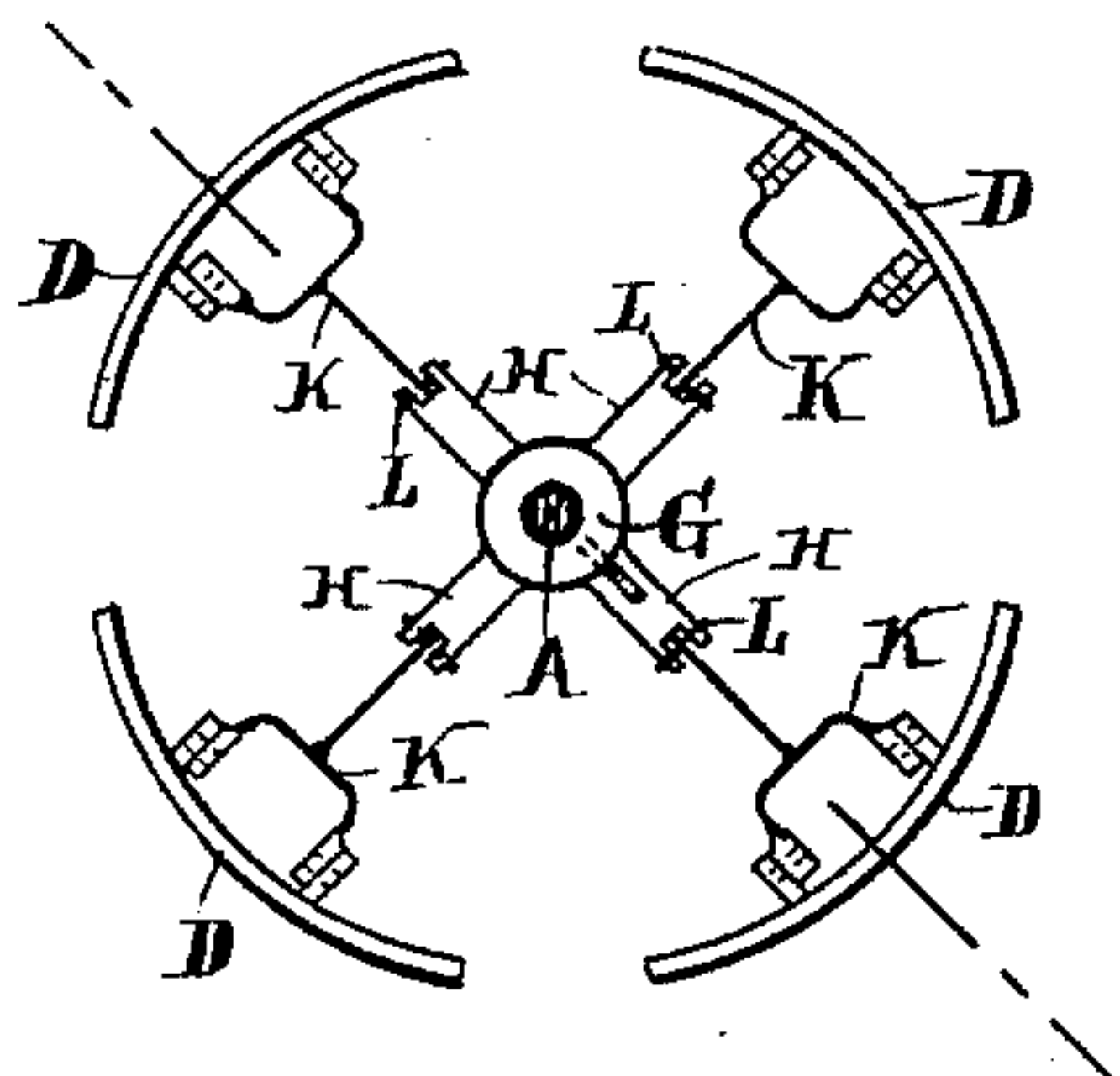


Fig. 2.

WITNESSES:

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UNITED STATES PATENT OFFICE.

CHARLES S. GOODING, OF BROOKLINE, MASSACHUSETTS.

DRESS-FORM.

SPECIFICATION forming part of Letters Patent No. 462,700, dated November 10, 1891.

Application filed November 29, 1890. Serial No. 372,999. (No model.)

To all whom it may concern:

Be it known that I, CHARLES S. GOODING, a citizen of the United States, residing at Brookline, in the county of Norfolk and State of Massachusetts, have invented a new and useful Improvement in Dress-Forms, of which the following is a specification.

My invention especially relates to the means for expanding and contracting a dress-form, so as to adjust it to different sizes of ladies' dresses.

Figure 1 represents a vertical section of a form for ladies' dress-skirts containing my invention. Fig. 2 is a top plan view of the same.

My invention may be employed in any of the well-known varieties of dress-forms and may be used either in a form for an entire dress or in a separate form for a dress-waist or dress-skirt.

A is a central post or standard fitting into a socket B, which is supported in an upright position on a tripod C or other suitable base.

D D represent four longitudinal sections of a form, which, as combined, correspond to the general shape of a dress-skirt.

E is a collar or sleeve, which is fixed against vertical movement on the post A by means of the collars F and G, pinned to the post or fixed by set-screws. The sleeve E is free to turn or rotate upon the standard.

H H are four arms, which are secured to or made a part of the sleeve E. The arms H H are situated at equal distances apart. Fast upon the standard A is a screw-threaded sleeve I. A screw-thread cut upon the post or standards itself will, of course, serve the same purpose as the sleeve I. Pivoted at L to the arms H H are the braces or levers K K. The outer ends of the braces or levers K K are pivoted to the several sections of the skirt-form at or near the waistband. Secured to the inner ends and forming parts of the levers K K are toothed sectors M M, the teeth of which mesh into the thread of the screw I.

At the lower portion of the form are expanding-braces P P, which are hinged at their inner ends to a collar O, and at their outer ends are pivoted to the several sections of the skirt-form. A set-collar R is pivoted

below the collar O for the purpose of fixing the latter in any desired position. A set-collar S is provided upon the standard for the purpose of regulating the height of the post, which is accomplished by a vertical adjustment of the collar S.

The whole form may be rotated by turning the post A in the socket B.

The form may be expanded by holding the standard A stationary and rotating the skirt-form about it, or by reversing the operation—namely, holding the dress-form stationary and turning the standard within it. It is obvious that when the screw I is turned in one direction it will cause the outer ends of the levers K K to be moved toward the standard, and when turned in the opposite direction it will cause them to be moved away from the standard, thereby contracting or expanding the form at pleasure.

The means herein shown of constructing the expanding device afford greater strength and firmness of the parts at the waistband than have heretofore been accomplished, and produce more rapid movements in expanding and contracting the form.

The gist of the invention resides in the employment of levers having a fulcrum fixed against radially-horizontal movement, the long arms of which levers are pivoted to the sections of the dress-form and the short arms of which are acted upon by a vertically-operating device on the post. The positions of the levers may be inverted so as to incline downwardly from the post, if preferred.

What I claim as my invention is—

In a dress-form, the combination of the outer sections thereof, the standard having screw-threads thereon, the levers hinged to the sections at their outer ends, and having bearings at their inner ends movable on the standard and pivoted to a support on the same at a point between said ends, whereby the inner end of each lever is guided on the standard while revolving about said pivot, substantially as set forth.

CHAS. S. GOODING.

Witnesses:

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LILLIAN S. MAYO.