

No. 617,611.

Patented Jan. 10, 1899.

J. C. STRICKLAND.
CLOTHES RACK.

(Application filed Jan. 15, 1898.)

(No Model.)

2 Sheets—Sheet 1.

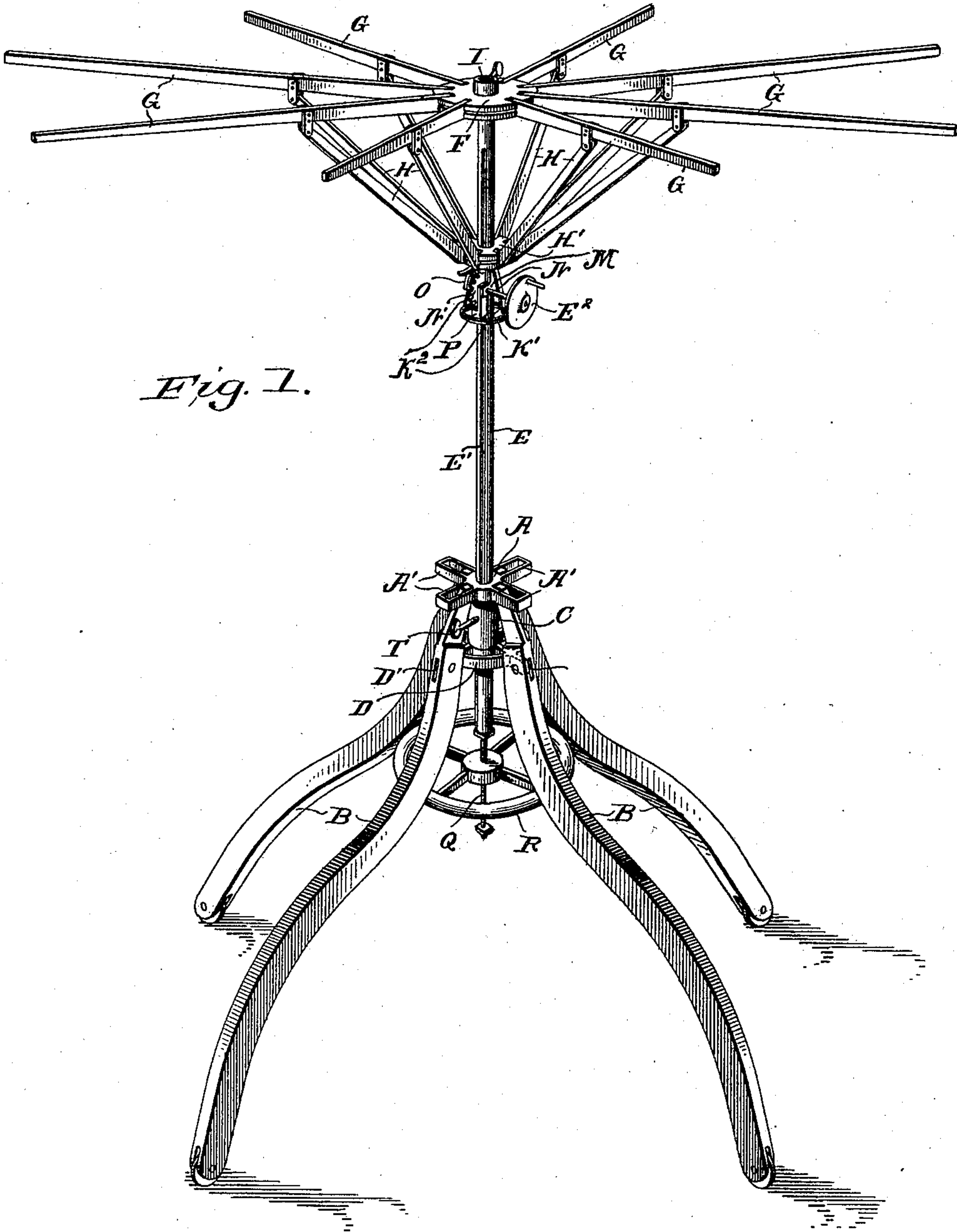


Fig. 1.

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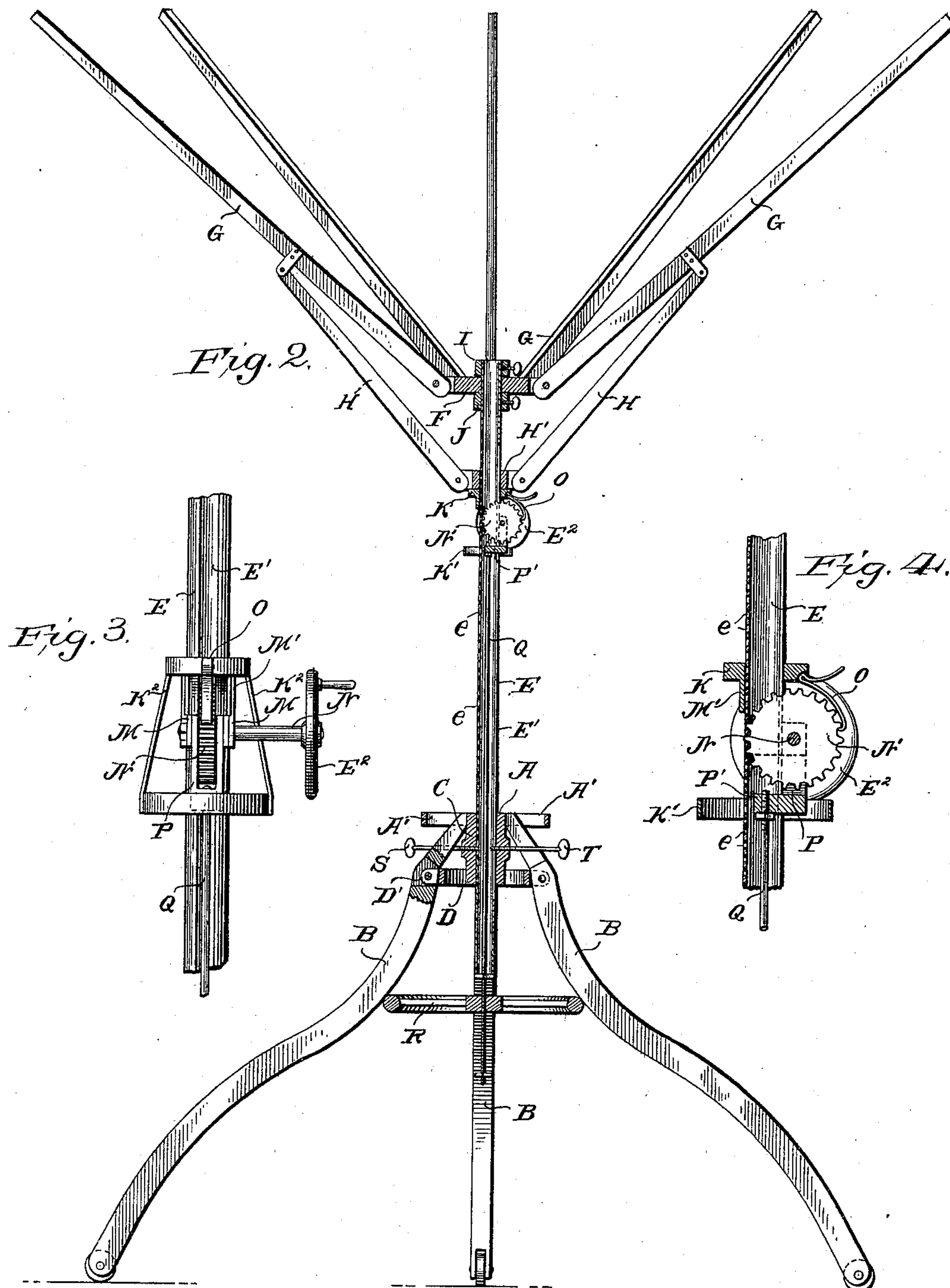
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UNITED STATES PATENT OFFICE.

JOSEPH CAMERON STRICKLAND, OF WALLACETON, PENNSYLVANIA.

CLOTHES-RACK.

SPECIFICATION forming part of Letters Patent No. 617,611, dated January 10, 1899.

Application filed January 15, 1898. Serial No. 666,818. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH CAMERON STRICKLAND, a citizen of the United States, residing at Wallacetown, in the county of Clearfield and State of Pennsylvania, have invented certain new and useful Improvements in Clothes-Racks; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in folding clothes-racks, and especially to the provision of a rack the arms of which may be adjusted at any angle, may be raised or lowered by suitable gearing, and the supporting-legs held extended by means of an adjusting-wheel.

To these ends and to such others as the invention may pertain the same consists, further, in the novel construction, combination, and adaptation of the parts, as will be hereinafter more fully described, and then specifically defined in the appended claims.

My invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this application, and in which drawings similar letters of reference indicate like parts throughout the several views, in which—

Figure 1 is a perspective view of my invention. Fig. 2 is a view of the standard, partially in longitudinal section, with the top part broken away. Fig. 3 is a longitudinal section through the shaft E, showing the pinion-wheel and connections. Fig. 4 is a central vertical section through the rack-raising mechanism.

Reference now being had to the details of the drawings by letter, A designates the upper disk of the stool, which has the recessed arms A', into which the upper ends of the legs B pass and are guided. This disk is cast integral with the collar C, which collar is integral with the disk D, having the extended sprocket ends D', to which the said legs B are pivoted. These legs are made, preferably, of malleable iron, substantially U-shaped in cross-section, and are bent in the shape illus-

trated in the drawings. Through the central aperture in the disks and collar is adapted to pass the hollow piping or shaft E, which supports at its upper end the disk F, in the recessed circumference of which are pivoted the arms G, which have pivoted thereto the braces H, the lower ends of which are pivoted to a second disk H', mounted to slide up and down on the said hollow shaft E, whereby the angle at which it is desired to have the said arms disposed may be readily regulated. Collars I and J are mounted on the said hollow shaft and provided with thumb-screws for adjusting the arm-supporting disk on the shaft E.

Mounted to work vertically on the shaft E is the ring K, to which a second ring K' is connected by means of strips K². On the upper of these two rings the disk H' is adapted to normally rest, while the lower ring is designed to rest on the upper end A of the collar C when the arms G are closed, said ring in this position being adapted to hold the legs opened out. Mounted in lugs M in the collar M', secured to the upper ring K, is the shaft N, carrying the cog-wheel N', which turns in a longitudinal slot E' in the shaft E, the teeth of which engage in the series of apertures e e in the shaft E opposite the longitudinal slot E', whereby as the turning wheel E² is turned the arms of the clothes-rack may be raised or lowered, as will be readily understood. In order to hold the arms of the rack at a fixed angle, a pawl O is provided, which is pivoted to the upper ring K, and its hooked end engages with the teeth of the cog-wheel N'.

Pivoted to the cog-wheel-carrying shaft is a yoke P, which has secured to its lower end a member P', which travels in the interior of the shaft E, and this member has a screw-threaded hole in which the end of the rod Q may be held. The lower end of this wire or rod Q is screw-threaded and carries a wheel R, which may be raised or lowered on the rod, the last-mentioned wheel being provided for the purpose of spreading the legs as it is raised or lowered against the insides thereof.

To prevent the disks from revolving on the shaft E, adjusting-screws S and T may be employed, as seen in Fig. 2 of the drawings, which pass through into the shaft E and one

of which may engage in the apertures in said shaft, while the other may enter the longitudinal slot, as illustrated.

5 In adapting the invention as a basket-support the arms are raised to their highest limit, forming the support, and are held in this position securely, and the basket, made of oil-cloth or other suitable material, is fitted in the conical-shaped receptacle, the upper ends
10 of the legs engaging in pockets in the upper edge of the oil-cloth receptacle.

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

15 1. A clothes-rack having in combination with the folding legs and disks of the stool, the hollow shaft mounted in said disks the

rod held within said shaft, and a wheel carried by the rod, which is designed to bear against the rear sides of the legs, as set forth. 20

2. In a clothes-rack, the combination, of the legs and disks of the stool, the hollow shaft carried in said disks, the arms of the rack, braces and disks, of the pawl and rack carrying same, the cog-wheel, the adjusting thumb-
25 screws, adjusting-collars, as shown and described.

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

JOSEPH CAMERON STRICKLAND.

Witnesses:

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JOHN A. SMEAL.