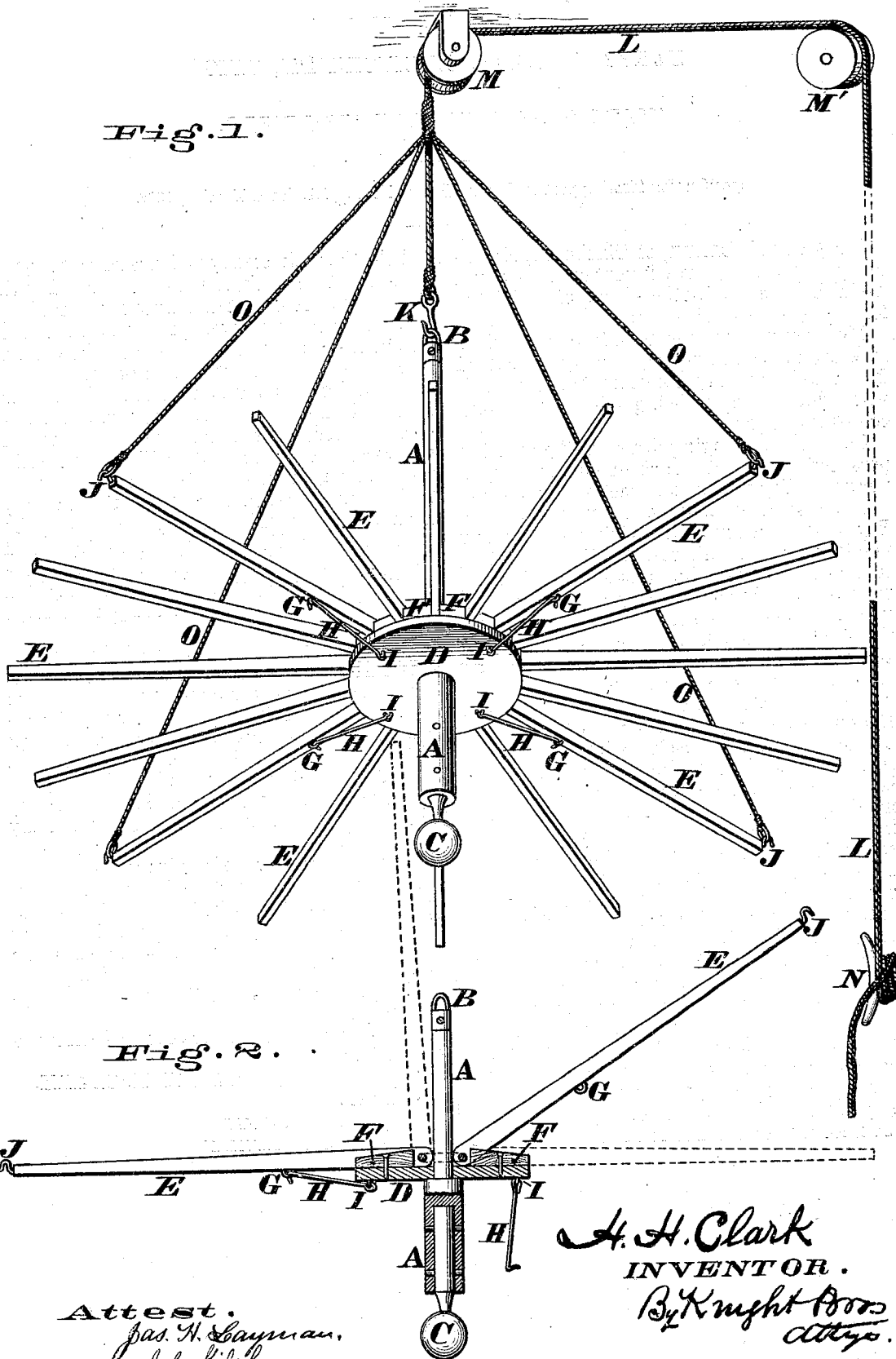


H. H. CLARK.  
Improvement in Clothes Driers.

No. 124,331.

Patented March 5, 1872.



Attest.  
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 Attys.

# UNITED STATES PATENT OFFICE.

HARRY H. CLARK, OF CINCINNATI, OHIO.

## IMPROVEMENT IN CLOTHES-DRIERS.

Specification forming part of Letters Patent No. 124,331, dated March 5, 1872.

I, HARRY H. CLARK, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Suspended Clothes-Rack, of which the following is a specification:

My invention relates to a form of clothes-rack capable, when in use, of being suspended from a ceiling at any convenient altitude and, when done with, of being folded in a very compact compass.

In the accompanying drawing, Figure 1 is a perspective view of a rack embodying my invention. Fig. 2 is an axial section of the same.

A is a stem surmounted by an eye or loop, B, and having secured in its lower end a heavy pendent bob or ballast-ball, C. Projecting rectangularly from the stem A is a collar, D, to which are hinged a congeries of arms, E, which, in their extended position, radiate from the stem as a common center and rest horizontally upon the said collar in the manner shown. Cheeks or battens F, secured at proper equal distances around the margin of the collar D, assist in holding the said arms to their proper equidistant and precisely radial position, as represented. Of the above arms four opposite and equidistant ones are provided underneath with staples G, which, when the rack is in use, receive hooks H, that are engaged in staples I in the under side of the collar. Each of the arms thus provided with staples terminates with a hook, J, for a purpose that will presently appear. The eye B is designed to receive a hook, K, at the extremity of a cord, L, which, passing over shears or pulleys M M' attached to the ceiling, has its other end made fast, when desired, to a belaying-pin, N, or other convenient projection from the wall of the room. Attached to and extending obliquely downward and outward from the cord L are stay-ropes or guys O, whose terminal eyes engage over the hooks J before spoken of, and thus coact with the hooks H and pendant C

to hold the rack steady and preserve its equilibrium. The rack, having been filled with clothes, may be elevated almost to the ceiling, so as to be comparatively or wholly out of the way of the occupants of the room, and be at the same time in the driest and warmest stratum of air, and consequently that best adapted for speedy drying of the clothes; which having been effected, the rack may be again lowered and receive another load. When done with, the rack may, if desired, be either drawn up to the ceiling and there remain out of the way until again wanted, (see Fig. 1,) or may be taken down by disengaging the hooks J and K, upon which, the hooks H being likewise disengaged, the apparatus may then be folded together for convenient and compact storage. (See Fig. 2.)

While describing the preferred form of my device, I reserve the right to vary the same in non-essential particulars—for example: one or more counterbalance weights may be attached to the opposite extremity from the rack of the cord L, or said extremity may engage around a small winch provided with a pawl and ratchet. Again, the pendent ball C may be replaced by a box or pocket to receive any heavy bodies.

I claim as new and of my invention—

The suspendable and foldable rack, comprising for its elements the looped and weighted stem A B C, whose collar D supports the hinged radiating arms E, in combination with the hooks H, J, and K, staples G and I, stays O, cord L, and pulleys M M', arranged and operating as set forth.

In testimony of which invention I hereunto set my hand.

HARRY H. CLARK.

Witnesses:

GEO. H. KNIGHT,  
JAMES H. LAYMAN.