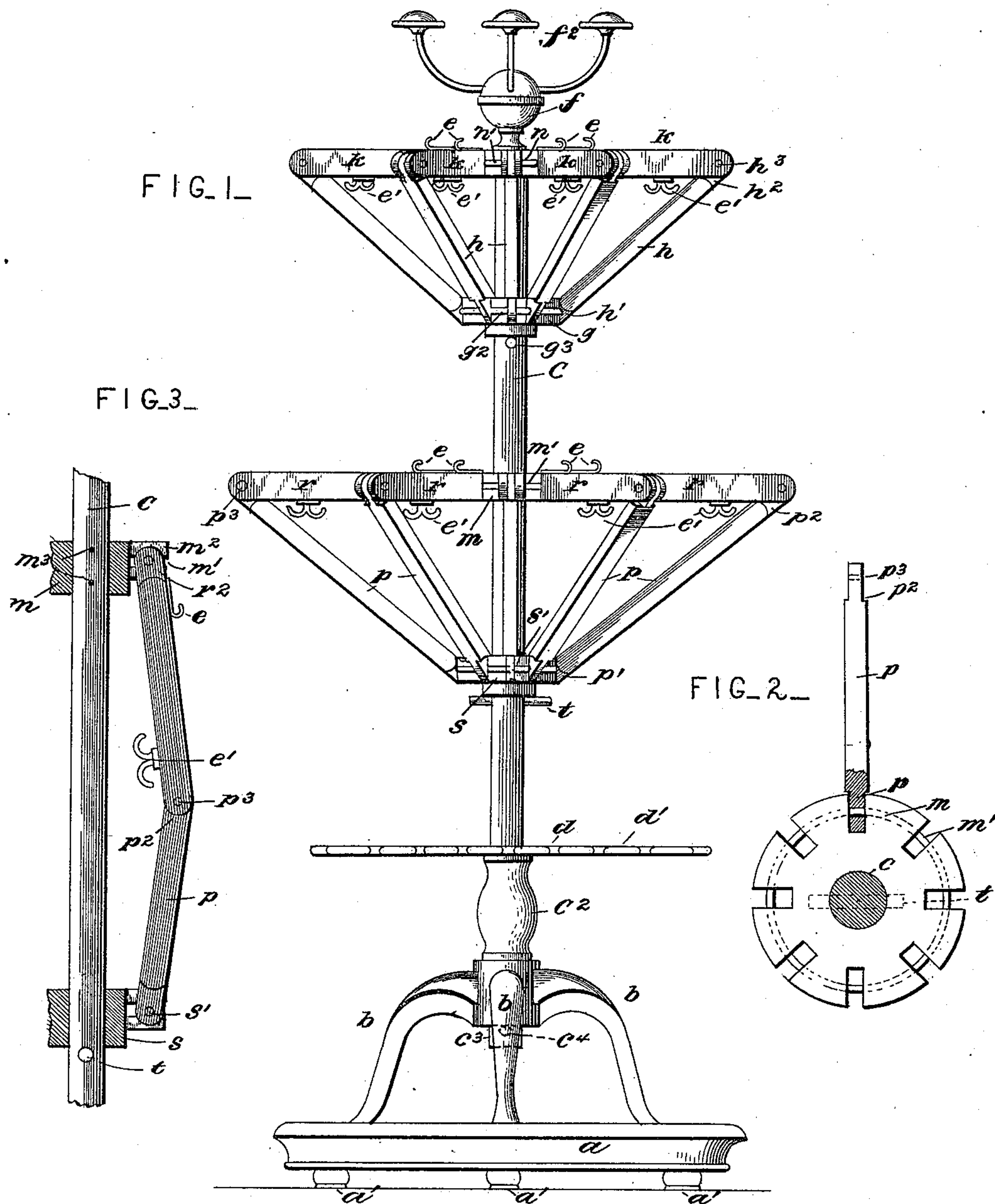


(No Model.)

M. C. ADAMS.
CLOTHES RACK FOR HOUSES OR EXHIBITING GARMENTS IN STORES.
No. 438,517.

Patented Oct. 14, 1890.



Witnesses

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UNITED STATES PATENT OFFICE.

MARY C. ADAMS, OF ATLANTIC CITY, NEW JERSEY.

CLOTHES-RACK FOR HOUSES OR EXHIBITING GARMENTS IN STORES.

SPECIFICATION forming part of Letters Patent No. 438,517, dated October 14, 1890.

Application filed December 30, 1889. Serial No. 335,460. (No model.)

To all whom it may concern:

Be it known that I, MARY C. ADAMS, a citizen of the United States, residing at Atlantic City, in the county of Atlantic and State of Jersey, have invented certain new and useful Improvements in Clothes-Racks, adapted for use in houses or for exhibiting garments in stores, salesrooms, or other places, of which the following is a specification.

The objects of my invention are to provide a suitable revolving clothes-rack for suspending clothing in a neat and substantial manner, to so suspend it that a large quantity of clothing may be placed in a very small compass, and to construct a rack that will, besides the above advantages, be provided with arms corresponding to the ribs of an umbrella, secured around a central stem or post and capable of being opened and closed in umbrella fashion, so that it may be closed up when not in use and occupy but little room; and the further object of my invention is to provide a revolving clothes-rack with folding arms and umbrella-stand combined. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is an elevation of a clothes-rack embodying my improvements. Fig. 2 is a detail in plan of one of the sliding collars. Fig. 3 is a detail in partial vertical section.

Like letters of reference indicate like parts in all the figures of the drawings.

The main supporting-post C is supported by and revolves in a substantial iron or wooden collar C⁵, to which legs *b b b* of any suitable material are secured. The feet rest in and are secured to the bottom of a drip basin or stand *a*, which is provided with the feet *a'*. The lower part of the post C is larger than the upper part, having the swell C², which forms a shoulder for an umbrella-rack *d*, which is provided with the openings *d'* for umbrellas and canes. The rack *d* may be turned around the post C, which it encircles snugly.

I propose to employ two sets of arms on my clothes-rack and to construct it for use principally in private houses or boarding-houses where space is precious, and it will take the place but not require the space of a wardrobe.

The post C is held in the collar C⁵, where

it revolves by a pin C⁴ or any other suitable device.

The upper and lower sets of arms are constructed and operated in the same manner, so that to describe the construction and operation of one set will suffice. For the purpose of description I will select the lower set. A fixed plate or collar *m* is secured to the post C. The collar *m* is provided with slots *m*² to receive the tenoned end of horizontal arm *r*, which is held therein by a binding-wire *m'*, thus forming a joint. The other end of the horizontal arm *r* is clevis or fork shaped to receive the tenoned end *p*² of a vertical arm *p*. The tenoned end *p*² enters the clevis or fork *r'* and is secured by a pin *p*³, forming a joint. The vertical arm *p* is tenoned at both ends *p'* and *p*², and the upper ends of all the vertical arms *p* enter the fork or clevis *r'* on ends of the horizontal arms *r* and are secured therein by pins forming joints. The collar M is secured to the post C by pins *m*³.

The lower tenoned ends *p'* of the vertical arms *p* are secured to a sliding plate or collar S. The sliding collar S fits loosely around the post C and is constructed, as is the fixed plate *m*, with slots to receive the lower tenoned end *p'* of the arm *p*, which is secured by a binding-wire S', which passes around the plate S and through the ends of the vertical arms *p*, as is shown in the drawings. Near the inner ends of the horizontal arms are placed the hooks *e*, and underneath the same are the double hooks *e'*.

The number of arms may vary, and one or more arms may be detached from the sliding collar by removing the binding-wire so that those detached will hang down alongside of the post C and the remaining ones may be used.

The upper tier of arms is constructed and put together in a similar manner.

On the top of the post C is placed a ball *f*, provided with curved arms *f'*, on the top of which are small caps or knobs *f*². The curved arms *f'* may be used for holding hats or bonnets. In the upper tier of arms the same construction is shown.

The vertical arm *h* is tenoned at both ends *h'* and *h*². The horizontal arms *k* are tenoned at one end and forked at the other end *k'*.

The sliding plate or collar *g* is provided with a groove *g'* for wire and with slots to receive the tenoned end *h'* of the vertical arms *h*. The fixed plate *n*, secured to the post C, is provided with slots to receive the tenoned ends of the horizontal arms *k*. The tenoned ends of the horizontal arms *k* enter the slots in the fixed plate *n*, and are secured therein by a binding-wire which passes around the said plate and through the ends of the horizontal arms *k*. The ends *h²* of the vertical arms *h* enter the clevis on end of the horizontal arm *k* and held therein by a pin *h³*. The lower end of the vertical arm *h* enters a corresponding slot in the sliding collar *g*, and is secured therein by the binding-wire *g²*.

The operation of this mechanism is as follows: The stand having been placed in position, the sliding collars *g* and *S* are moved up the post C until the arms *k* and *r* have arrived at a horizontal position, when the pin *g³* is inserted into a hole in the post C under the collar *g* and holds it in that position, and a similar pin *t* is used to hold the sliding collar *S* in position. My rack being filled with clothing, it may be swung around easily in order to get at the garment desired.

When spread, the hooks *l'* and the ends of the arms may be employed to support articles, and when not spread or lowered the hooks *l* will be brought into operative position. My invention is capable of many modifications which would not be a deviation from the most essential elements. Instead of using wire to secure the upper and lower arms to the fixed and sliding collars, they might be secured by means of ordinary hinges. The arms might, without change in construction, be made to

swing around the post C, instead of having the post revolve, as above described.

I am aware that there are in use a variety of inventions for drying, airing, and exhibiting clothes, some of which have central supporting-posts with rotary heads and radial arms.

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

1. The combination, in a clothes-rack, of the central supporting-post C, the horizontal arms *r*, the vertical arms *p*, secured to collars *m* and *S*, respectively, on the central post C, the collar *m* being a fixed collar and the collar *S* a sliding collar movable up and down on said post C for the purpose of opening and closing said arms, the hooks *e* on the top edges of said arms *r* at the outer ends of the same, and the hooks *e'* on the bottom edges of the arms *r* a short distance from the ends of said arms, substantially as herein shown and described.

2. The combination, in a clothes-rack, of the central post C, supported and turning in the stand formed by the collar *c⁵* and legs *b*, the drip-basin *a* below said stand, the circular umbrella-rack *d*, resting upon the swell *c²* of the central post C, the fixed collars *m*, the arms *r*, hinged thereto, the sliding collar *S*, the arms *p*, hinged to the collars *m* and *S*, the hooks *e* on the ends of the arms *r*, and the hooks *e'* on the bottom edges of the arms *r*, some distance back of the outer ends of said arms, substantially as shown and described herein.

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Witnesses:

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