

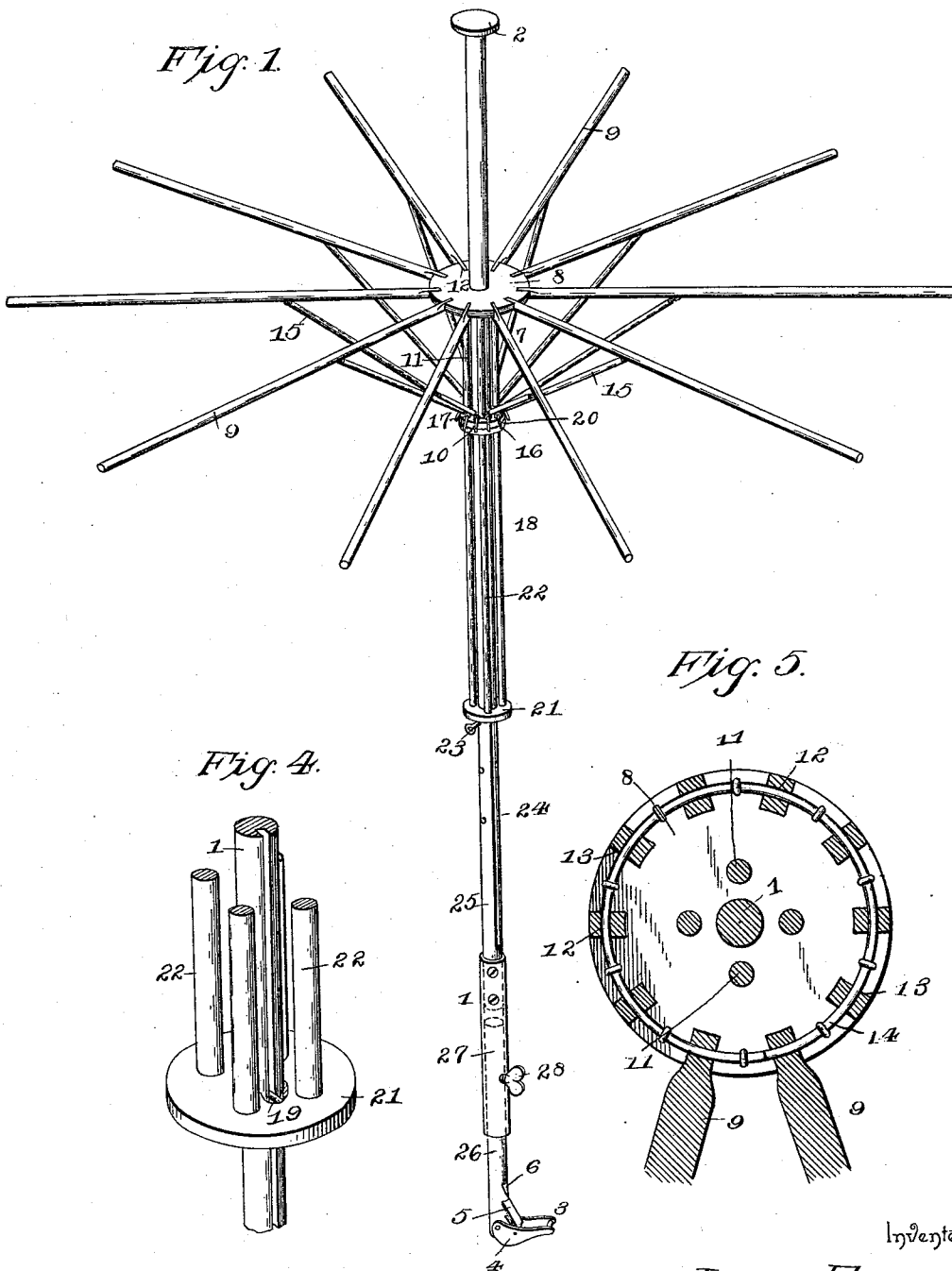
(No Model.)

2 Sheets—Sheet 1.

J. EVERETT.
CLOTHES DRIER.

No. 542,245.

Patented July 9, 1895.



Inventor
James Everett,

Witnesses

C. A. Ford.
C. E. [Signature]

By his Attorneys.

C. A. Snow & Co.

(No Model.)

2 Sheets—Sheet 2.

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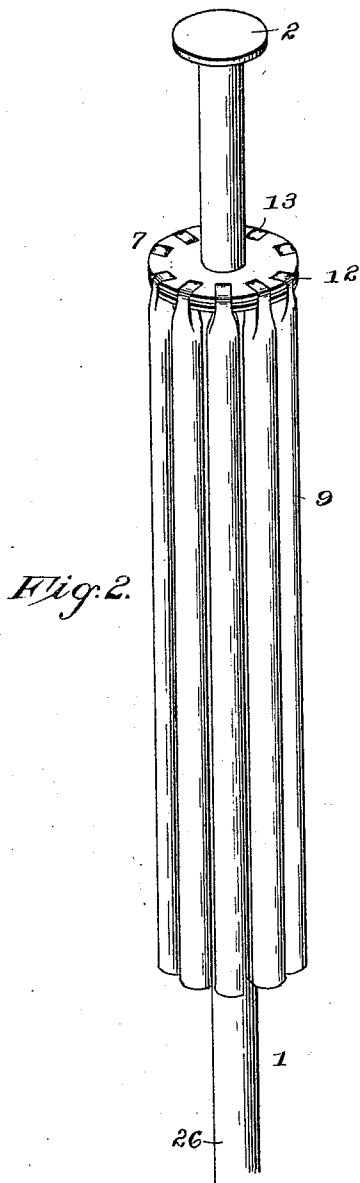


Fig. 2.

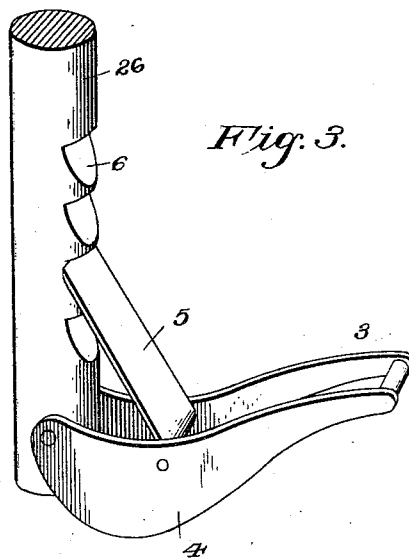


Fig. 3.

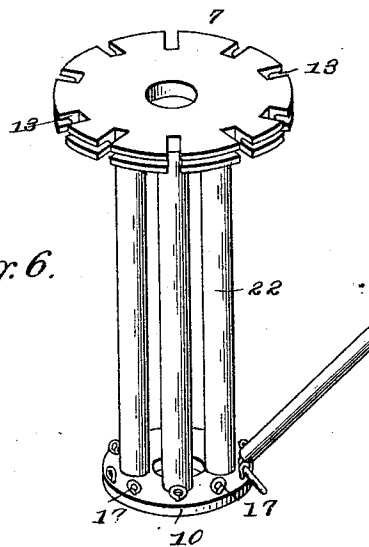


Fig. 6.

Witnesses

C. A. Ford
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By his Attorneys.

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Inventor
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UNITED STATES PATENT OFFICE.

JAMES EVERETT, OF SAULT STE. MARIE, MICHIGAN.

CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 542,245, dated July 9, 1895.

Application filed April 19, 1894. Serial No. 508,183. (No model.)

To all whom it may concern:

Be it known that I, JAMES EVERETT, a subject of the Queen of Great Britain, residing at Sault Ste. Marie, in the county of Chippewa and State of Michigan, have invented a new and useful Clothes-Drier, of which the following is a specification.

My invention relates to clothes-driers, and has for its object to provide a simple, inexpensive, and efficient device adapted to be secured in place by pressure against the floor and ceiling of a room and capable of being folded into compact form for transportation and when not in use.

Further objects and advantages of the invention will appear in the following description, and the novel features thereof will be particularly pointed out in the appended claim.

In the drawings, Figure 1 is a perspective view of a clothes-drier embodying my invention arranged in the operative position. Fig. 2 is a similar view showing the device folded. Fig. 3 is a detail view in perspective of the foot-piece and means for securing the standard in an upright position. Fig. 4 is a detail view showing the means for guiding and preventing rotation of the supporting-slide. Fig. 5 is a detail view showing the pivotal connection of the arms with the head. Fig. 6 is a detail view in perspective of the arm-carrying slide.

Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

1 designates a standard, which is approximately equal in length to the distance between the floor and the ceiling of a room, and it is provided at its upper end with a pressure-disk 2, of sufficient area to prevent injury to the plaster, and at its lower end with a clamping-foot 3, adapted to bear upon the floor, and by pressing the standard upward lock the latter in position. The construction of this foot, as illustrated in the drawings, embodies a cam foot-lever 4, pivotally connected to the lower end of the standard, a pawl 5, carried by said foot-lever, and a ratchet or rack-bar 6, fixed to the standard and adapted to be engaged by the free end of the pawl to hold the foot-lever in its adjusted position.

The arm-carrying slide 7 is mounted for

sliding and rotary motion upon the standard and carries a disk-shaped head 8, to which are pivotally connected the drying-arms 9. In addition to this head 8 the slide consists of a lower block 10 and vertical rods 11, connecting the block to the head. The arms are provided at their inner ends with reduced tongues 12, preferably flattened or angular in shape, which are fitted in parallel-sided notches 13 in the periphery of the head, and a continuous wire or ring 14 forms the pintle upon which the arms are mounted. The braces 15, which are loosely connected to the arms at intermediate points, are provided at their inner ends with hooks 16 to engage eyes 17 on the upper side of the lower block 10.

A supporting-slide 18 is mounted upon the standard beneath the arm-carrying slide and is provided with guide-pins 19, fitting in a groove in the standard to hold said slide from rotation. This slide consists of upper and lower annular blocks 20 and 21, connected by parallel vertical rods 22, and it is adapted to serve as a means of elevating the arm-carrying slide to a point near the ceiling, a locking-pin 23 being fitted in one of the transverse perforations 24 in the standard to hold said parts in an elevated position. This slide by being held from rotary movement upon the standard serves as a handle to facilitate the raising and lowering of the slide which carries the drying-arms, and as said supporting-slide or handle is held from rotation it does not tend to displace or wear the pin by which the parts are secured at the desired elevation. All of the friction caused by the rotation of the arm-carrying slide is sustained by the contacting disks of the slides 7 and 18. The arm-carrying head being rotatable upon the standard the operator is enabled to apply clothes successively to the arms and swing them out of the way without changing position, and after the arms are full they may be raised to a point near the ceiling, where they are out of the way and where the clothes are exposed to the greatest heat.

The device may be arranged at any point in a room to bring part of the arms over a stove, in a corner, or close to a side wall, in which case only a part of the whole number of arms can be extended.

It will be understood that various changes

in the form, proportion, and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

- 5 In order to provide for the permanent adjustment of the length of the standard to enable the device to be used in rooms of different heights I form the standard in upper and lower sections 25 and 26, respectively, and secure to the lower end of the upper section a
10 tubular socket 27, in which fits, slidably, the upper end of the lower section. A set-screw 28 is employed to secure the lower section at the desired point in the socket.
- 15 Having thus described my invention, I claim—

In a clothes drier, the combination with a standard carrying drying arms, of a pressure head arranged at the upper end thereof, and a clamping foot arranged at the lower end of the same and comprising a cam foot-lever, a ratchet, and a pawl carried by the foot-lever and engaging said ratchet, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

JAMES EVERETT.

Witnesses:

ARTHUR J. HOWE,
REUBEN F. PALM.