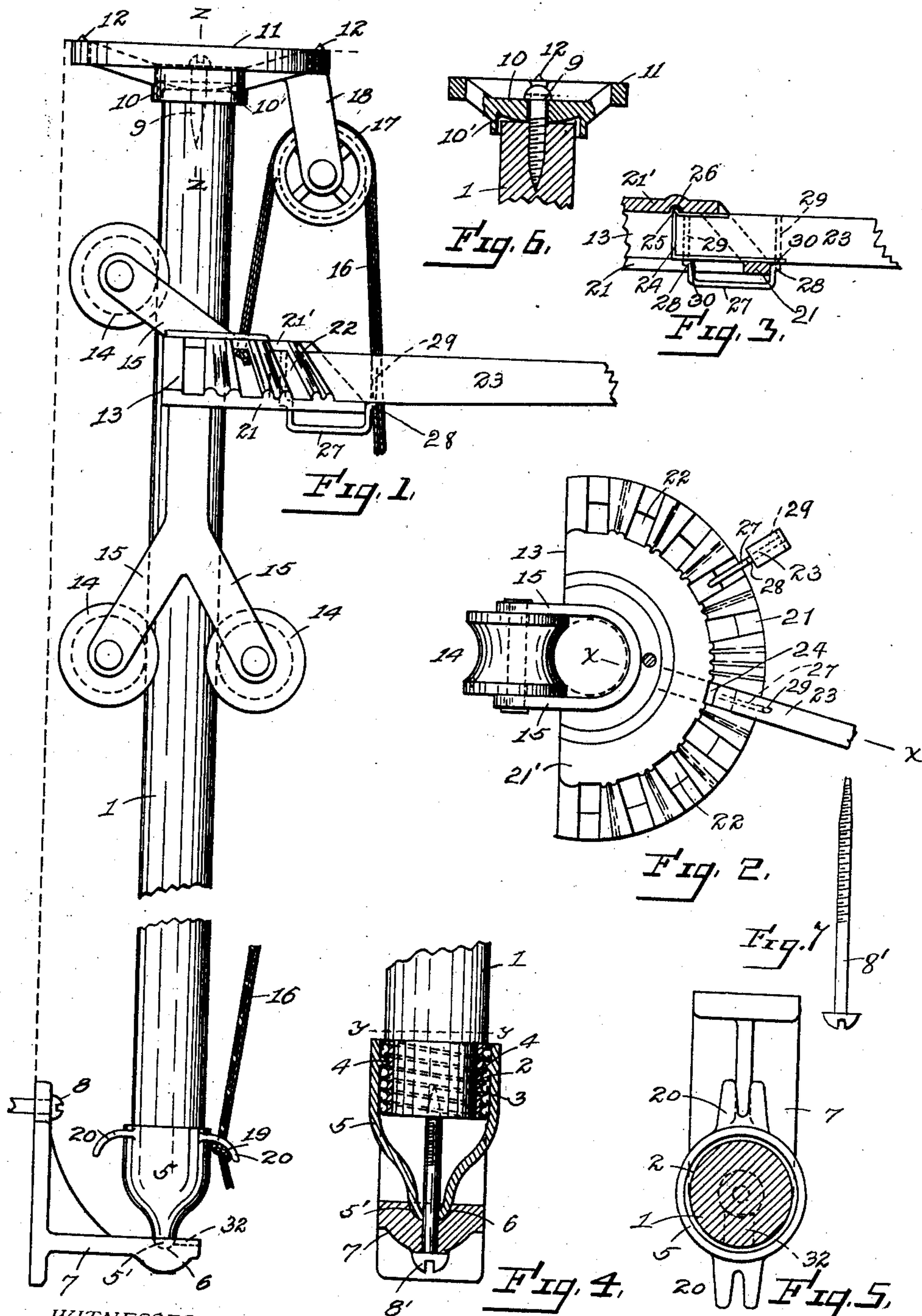


No. 826,823.

PATENTED JULY 24, 1906.

T. M. ANDERSON.
CLOTHES DRIER.

APPLICATION FILED MAR. 1, 1905.



WITNESSES:

Paul Barnes.
F. Dudley Moss.

INVENTOR.
T. M. Anderson
BY Pierre Barnes
ATTORNEY.

UNITED STATES PATENT OFFICE.

THEODORE M. ANDERSON, OF BELLINGHAM, WASHINGTON.

CLOTHES-DRIER.

No. 826,823.

Specification of Letters Patent.

Patented July 24, 1906.

Application filed March 1, 1905. Serial No. 247,848.

To all whom it may concern:

Be it known that I, THEODORE M. ANDERSON, a citizen of the United States, residing at Bellingham, in the county of Whatcom and State of Washington, have invented certain new and useful Improvements in Clothes-Driers, of which the following is a specification, reference being had therein to the accompanying drawings.

The object of this invention is to provide a clothes-drier which is especially adapted for indoor use, which is capable of being detachably and adjustably connected to the wall of a room, which possesses a large capacity for hanging clothes, and which can be folded to occupy but a small space.

The invention consists in certain novel features of construction and adaptation of devices, as will be hereinafter described, and illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of a clothes-drier embodying my invention. Fig. 2 is a plan view of the movable head for supporting the arm, one of the arms being therein shown extended and another in its folded position. Fig. 3 is a section on line *xx* of Fig. 2. Fig. 4 is a vertical detail cross-sectional view of the base-support for the pole 1. Fig. 5 is a horizontal section on line *yy* of Fig. 4. Fig. 6 is a vertical sectional view on line *zz* of Fig. 1. Fig. 7 is a detail view in elevation of the screw which secures the pole upon the base-support.

Fixedly secured at the foot end of the pole 1 is a sleeve 2, provided with an external screw-thread 3, with which is adjustably engaged by inwardly-protruding studs 4 a ferule 5, which terminates at its lower end in a semiglobular extremity 5'. This extremity is rotatably seated in a cavity or socket 6, provided in the shelf portion of the bracket 7, adapted to be detachably secured to the wall by a screw 8, which during the shipment of the device may be utilized, as shown at 8', for retaining the bracket to the pole.

Tiltably seated upon the top of the pole and connected therewith by an axially-disposed screw 9 is a cap 10, which is formed integral with an enlarged bearing portion 11, having upwardly-projecting studs 12, which penetrate the ceiling for the purpose of preventing any horizontal displacement of the device thereat. The object of making the cap tilt-able upon the pole is to permit it to seat at all times firmly, however uneven or out of

horizontal the ceiling may be, and which is accomplished by making the inner cap-surface 10', contacting with the pole end, convex and forming the aperture for the retaining-screw somewhat larger than the latter.

A head 13 is secured to the pole by concave rollers 14, journaled in the head connections 15, and is thereby freely movable lengthwise of the pole. The head is hoisted or lowered by a line 16, attached at one end to the head and passing over a sheave 17, journaled in pendent arms 18 of the cap, and thence down to within easy reach of the operator. The line is knotted, as at 19, at such a point of its length as to be engaged beneath either of the pairs of bifurcated attachments 20 of the ferule, according to which of them is presented after being rotatably moved in adjusting or securing the pole. The said head is substantially semicircular in horizontal section and is provided with a bottom rim 21 and a top web 21', united by radially-extending spaced bars having a plurality of radially-disposed apertures 22 therebetween for the reception of the clothes-supporting arms 23. These arms are preferably formed of wood and are severally provided at their inner extremities with a metal covering-plate 24, extending across the arm extremity and to some distance forwardly therefrom upon both the upper and lower faces. At the upper corner of each of these covering-plates is formed a projection 25, adapted when the arms are in their horizontal operative positions to be seated in an arc-shaped groove 26, formed in the under side of the top web 21, whereby the arms are prevented from becoming dislocated through any accidental jars or shocks imparted to the device.

Attached to the under sides of the several supporting-arms are wire staples 27 for suspending them when unemployed to the lower web of the head and are each constructed with double bends 28 to provide offset portions 29, which extend through and are riveted upon the top side of the arms, while the shoulders 30, formed by the offsetting, prevent the staple-terminals protruding outwardly and being caught by the clothes which may be upon the arms.

The manner of securing the device is as follows: The position of the bracket upon the wall being first ascertained and marked with a pencil after the assembled device is placed against the wall with its cap part 11 bearing against the ceiling, the screw 8' is then

withdrawn from the pole to detach the bracket, which is secured to the wall in the position previously marked. The pole is then raised to an erect position with the cap 5 against the ceiling and the ferrule turned to raise its point sufficiently high to permit its being introduced through the bracket-groove 32 into its socket, when by rotating the ferrule in the opposite direction the screw-threads of the sleeve being acted upon by the 10 ferrule-studs cause the pole to be forced upwardly and the penetrating-points of the cap to engage with the ceiling. The device being thus rigidly secured in operative position, the 15 head can be raised or lowered, as required, and the arms, as before explained, locked horizontally thereto for use or in pendent positions when unemployed.

Among the advantages of the invention are 20 the ease of its adjustment and installation the inexpensiveness and simplicity of construction, and the convenience in use.

Having described my invention, what I claim as new, and desire to secure by Letters 25 Patent, is—

1. A clothes-drier comprising a pole, a cap-piece tiltably connected to the upper end of the pole, a sleeve fixedly secured to the lower end of the pole and provided with external 30 screw-threads, a ferrule adjustably connected to said sleeve and provided with a rounded end, a bracket having a socket for the reception of the said ferrule end, a head supported from the cap-piece and mounted upon 35 the pole so as to have longitudinal movement along the length thereof and clothes-supporting arms secured to said head.

2. In a clothes-drier, the combination with the pole, carrying at its upper end a tiltable 40 cap-piece, a movable head carrying clothes-supporting arms, and means to raise and lower said head, of a bracket provided with a socket and a groove leading therefrom, a ferrule rotatably connected to the lower end of

said pole and engaging with the bracket in 45 the said socket, said connection between the pole and ferrule being such that upon the rotation of the latter it will be moved longitudinally of the pole, substantially as described.

3. In a clothes-drier, the combination with 50 the pole provided with a cap-piece and a bracket for supporting the lower end of the pole, of a head provided with an offset rim united to the major portion of the head by spaced radially-extending bars having open- 55 ings disposed therebetween, and arms adapted to be operatively seated in said openings, said head being formed adjacent the junction with said bars with an arc-shaped groove in its under face, said arms being provided at 60 their inner ends with a metallic covering-strap extending over the top and under the bottom of the arm and having an offset corner portion adapted to engage in said groove.

4. In a clothes-drier, the combination with 65 the pole provided with a cap-piece and a bracket for supporting the lower end of the pole of a head provided with an offset rim united to the major portion of the head by spaced, radially-extending bars having open- 70 ings disposed therebetween, arms adapted to be operatively seated in said openings, said head being formed adjacent the junction with said bars with an arc-shaped groove in its under face, said arms being provided at their 75 inner ends with a metallic covering-strap having an offset corner portion adapted to engage in said groove, and wire staples, severally provided for each arm and having offset portions extending through the said covering- 80 strap and through the arm.

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

THEODORE M. ANDERSON.

Witnesses:

J. W. KINDALL,
ALFRED L. BLACK.