No. 845,398. PATENTED FEB. 26, 1907.

J. CURRY.

CLOTHES DRIER.

APPLICATION FILED FEB. 24, 1906.

2 SHEETS—SHEET 1.

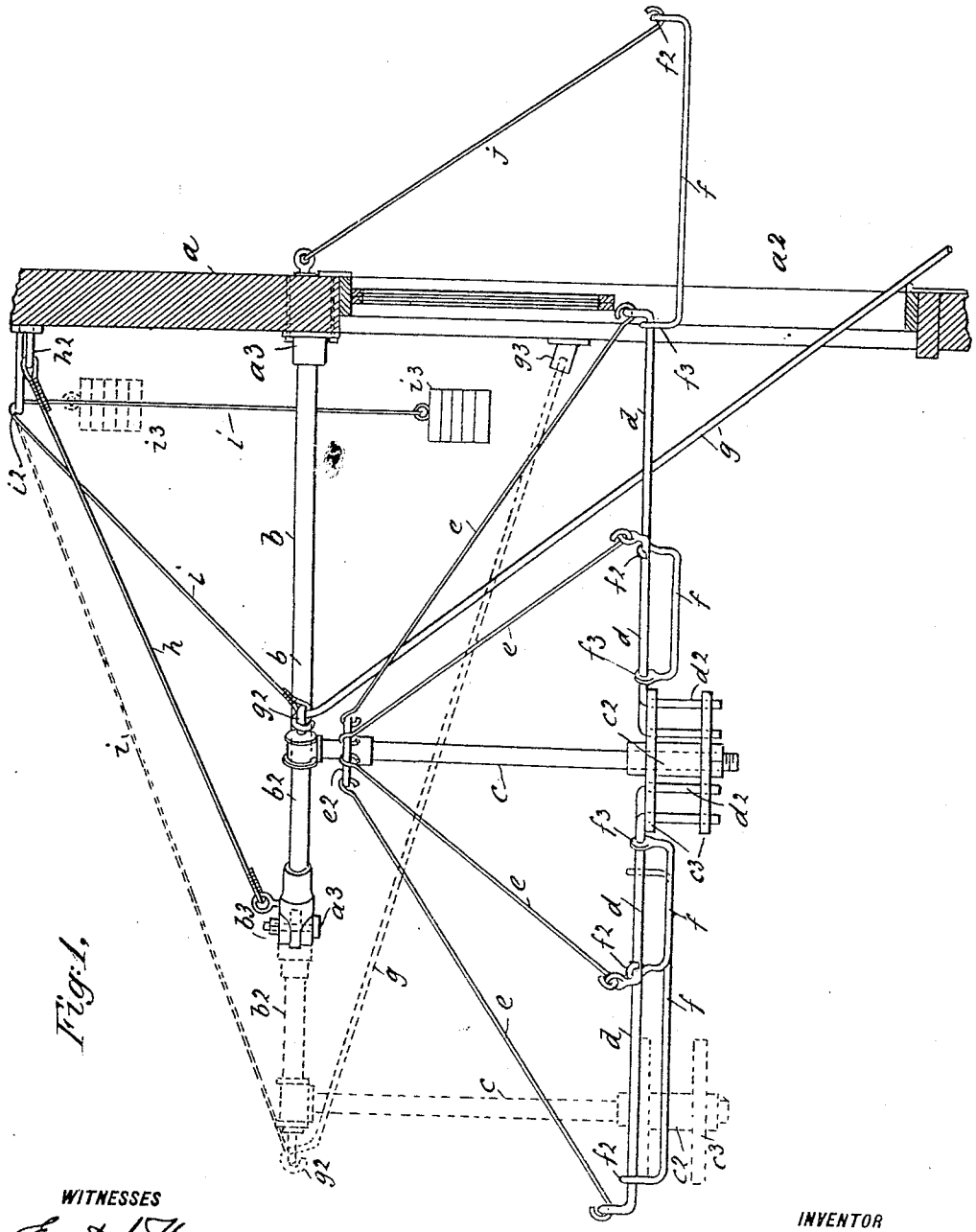


Fig. 1.

WITNESSES

Ernest A. Hagen

F. A. Stewart

INVENTOR

James Curry,

BY Edgar Tate & Co.

ATTORNEYS.

THE NORRIS PETERS CO., WASHINGTON, D. C.

24 SUPPORTS, RACKS.
95

198

No. 845,398. PATENTED FEB. 26, 1907.

J. CURRY.

CLOTHES DRIER.

APPLICATION FILED FEB. 24, 1906.

2 SHEETS—SHEET 2.

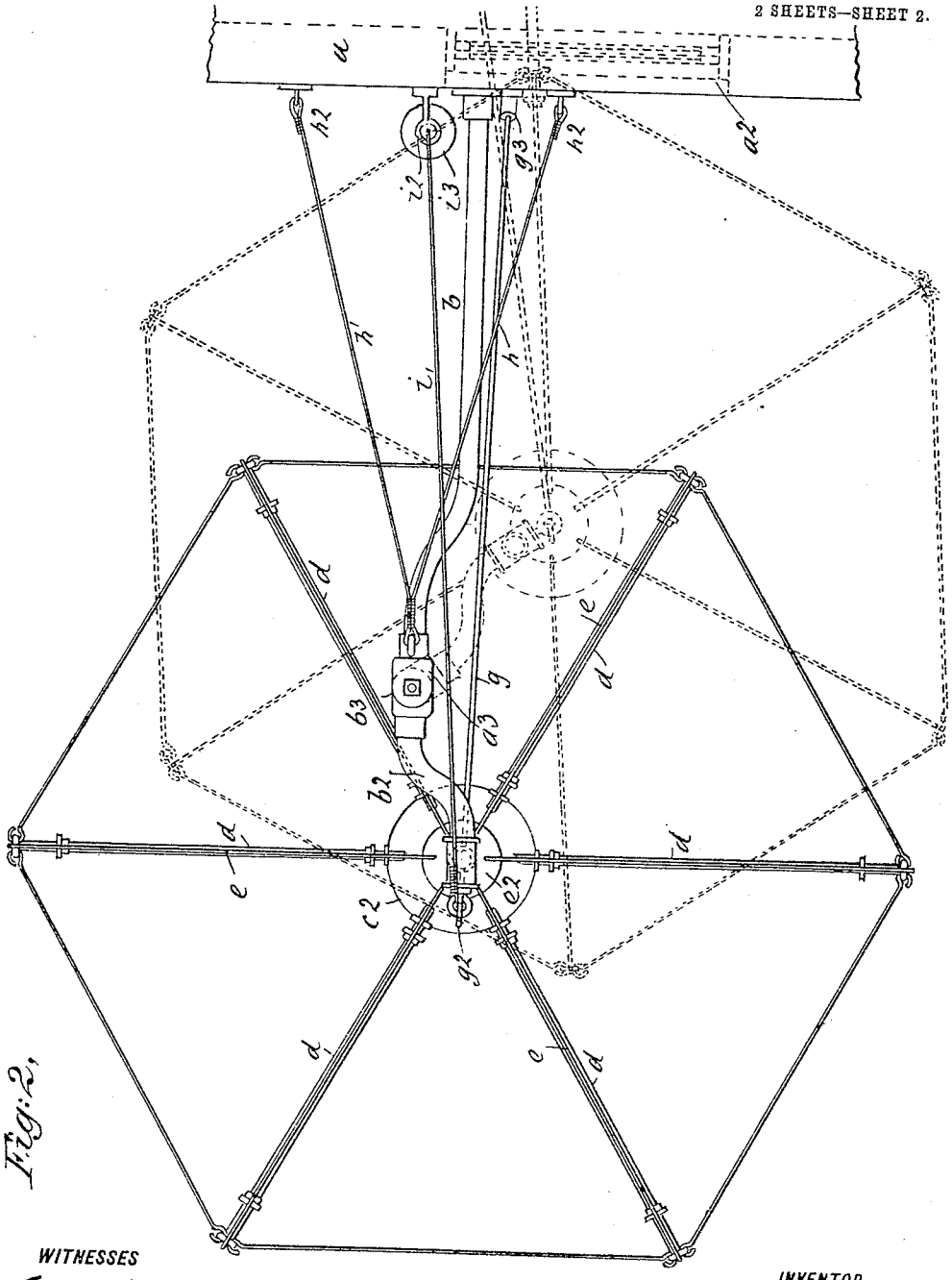


Fig. 2.

WITNESSES

Ernest A. Hagen

F. A. Stewart

INVENTOR

James Curry,

BY Edgar Tate & Co.

ATTORNEYS.

THE NORRIS PETERS CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JAMES CURRY, OF HUDSON HEIGHTS, NEW JERSEY, ASSIGNOR OF ONE-HALF TO GODFREY BOB, OF WOODCLIFFE, NEW JERSEY.

CLOTHES-DRIER.

No. 845,398. Specification of Letters Patent. Patented Feb. 26, 1907.

Application filed February 24, 1906. Serial No. 302,689.

To all whom it may concern:

Be it known that I, JAMES CURRY, a citizen of the United States, and residing at Hudson Heights, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Clothes-Driers, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to clothes-drying apparatus designed for use in the cities and towns where lines cannot be conveniently employed; and the object thereof is to provide an improved apparatus of this class designed to be secured to or connected with a window-frame or the wall of a building adjacent to the window and on which clothes and other articles may be conveniently placed for drying purposes, the construction being such that the clothes or other articles may be connected with the apparatus within a room or compartment without danger to the operator, the apparatus for suspending the clothes or other articles being movable toward and from the window and being provided with arms which are radially movable and adapted to be drawn within the window for the purpose specified.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which—

Figure 1 is a side view of my improved clothes-drying apparaus and showing the same connected with a window-frame or the wall of a building adjacent to the frame, the wall of the building and the window-frame being shown in section; and Fig. 2, a plan view of the apparatus as shown in Fig. 1.

In the drawing forming part of this specification I have shown at a one wall of a building in which is a window a^2, and in the practice of my invention I connect with the wall of the building, preferably at the top of the window-frame and at one side thereof, as shown at a^3, an arm b, and the connection of the arm b with the window-frame or the wall of the building may be made in any desired manner. The arm b in the form of construction shown is composed of two parts, the outer part b^2 being connected with the inner part at b^3 in such manner that said outer part is free to swing on the inner part and in a horizontal plane, the connection at a^3 being made in the manner of a hinge, and the arm b where the separate parts are connected at b^3 is preferably curved laterally, as shown in Fig. 2. Suspended from the outer end of the part b^2 of the arm b is a hanger c, provided at its lower end with a head c^2, which is preferably formed in the manner of a spool or composed of top and bottom disks c^3, and connected with the head c^2 are radial arms d, six of which are shown, but any desired number of which may be employed, and the arms d are preferably composed of strong wire rods provided with depending inner end members d^2, which are passed downwardly through the separate disks c^3 of the head c^2. The outer ends of the arms d are connected with the upper end of the hanger c by braces e, this connection being made by means of a rotatable disk e^2, connected with the hanger c, and the head c^2 is also rotatable on the hanger c. Mounted on and movable on the radial arms d are supplemental arms f, and the supplemental arms f form the supports for the clothes and other articles to be dried. I also connect with the outer end of the part b^2 of the arm b a rod or bar g, this connection being a loose one, as shown at g^2, and in practice the outer part b^2 of the arm b may be swung outwardly, as shown in Fig. 2, and drawn inwardly, as shown in full lines in Fig. 1 and dotted lines in Fig. 2, by means of the rod or bar g, the free end of said rod or bar g being extended into the window when the parts are in the position shown in full lines in Fig. 1 and dotted lines in Fig. 2, and when the parts are in the position shown in full lines in Fig. 2 any suitable support or attachment g^3 may be provided for the rod or bar g which will hold said parts in said position.

In order to form a strong support for the arm b, I connect with the outer end portion of the main part of said arm cords or stay-rods h, which are also connected with attachments h^2, secured to the wall of the building above the window, and in order to support the outer part b^2 of said arm in its different positions and to prevent it being wrenched or broken at the connection b^3

when in its innermost position I connect with said part at its outer end a cord i, which is passed through a keeper i^2, connected with the wall of the building and provided with weights i^3. When the outer end portion b^2 of the arm b is swung outwardly, as indicated in dotted lines in Fig. 1 and shown in full lines in Fig. 2, the weights i^3 are raised; but when said part of said arm is swung inwardly they descend and hold the cord i taut under all circumstances, and this forms a safe support for the part b^2 of the arm b.

In practice when it is desired to hang the clothes or other articles to be dried on their supports the hanger c is swung into the position shown in full lines in Fig. 1 and dotted lines in Fig. 2, in which position the arms d at one side of the hanger c extend to the window-frame. The supplemental arms f are then drawn successively inside of the window, as shown in Fig. 1, and a suitable rod, cord, or other support j is connected with the inner ends of said arms so as to hold them in a horizontal position. The clothes or other articles to be dried are then hung on said arms, after which they are slid back onto the arms d, and in this operation the head c^2 and disk e^2 turn on the hanger c, together with the arms d and supplemental arms f. The outer ends of the arms f are provided with hooks f^2, adapted to engage the arms d, and the inner ends thereof are provided with eyes f^3, through which the arms d pass, and in drawing the arms f outwardly or into the room the hooks f^2 are detached from the arms d and the support j is connected therewith, and when the clothes or other articles are hung on the arms f the support j is detached and the said arms f move outwardly and the hooks f^2 connect with the arms d. After the arms f have all been provided with clothes or other articles to be dried the part b^2 of the arm b is swung back or out into the position shown in dotted lines in Fig. 1 and full lines in Fig. 2, and the rod or bar g is connected with the window-frame at g^3. After the clothes or other articles are dried the hanger c is again swung into the position shown in full lines in Fig. 1 and the clothes or other articles removed from the arms f, in which operation said arms f are drawn into the room or compartment, as shown in said figure.

My improvement forms a simple and effective apparatus for the purpose specified, and changes therein and modifications thereof may be made without departing from the spirit of my invention or sacrificing its advantages.

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

1. A device of the class described, comprising a main arm adapted to be secured to the wall of a building or to a window-frame and provided at its outer end with a hinged member adapted to swing in a horizontal plane, a hanger suspended from the hinged member, radially-arranged arms connected with said hanger and rotatable thereon, and supplemental arms connected with the radially-arranged arms and slidable thereon, substantially as shown and described.

2. A device of the class described, comprising a main arm adapted to be secured to the wall of a building or to a window-frame and provided at its outer end with a hinged member adapted to swing in a horizontal plane, a hanger suspended from the hinged member, radially-arranged arms connected with said hanger and rotatable thereon, and supplemental arms connected with the radially-arranged arms and slidable thereon, said main arm and the hinged member thereof being provided with end supports, substantially as shown and described.

3. An apparatus of the class described, comprising an arm or bar adapted to be secured to a window-frame or the wall adjacent thereto, said arm or bar being provided with a hinged supplemental member adapted to swing in a horizontal plane, a hanger connected with the hinged member, radially-arranged arms connected with said hanger and rotatable thereon, supplemental arms slidably mounted on the radially-arranged arms, and means for swinging the hinged supplemental member of the main arm or bar horizontally, substantially as shown and described.

4. An apparatus of the class described, comprising an arm adapted to be secured to a window-frame or adjacent thereto and provided with an end member adapted to swing in a horizontal plane, a hanger connected with said member, radially-arranged arms connected with said hanger and provided with longitudinally-movable members, means for supporting the outer end of said arm, and means whereby the hanger may be swung inwardly toward the window.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 21st day of February, 1906.

JAMES CURRY.

Witnesses:

F. A. STEWART,

C. E. MULREANY.