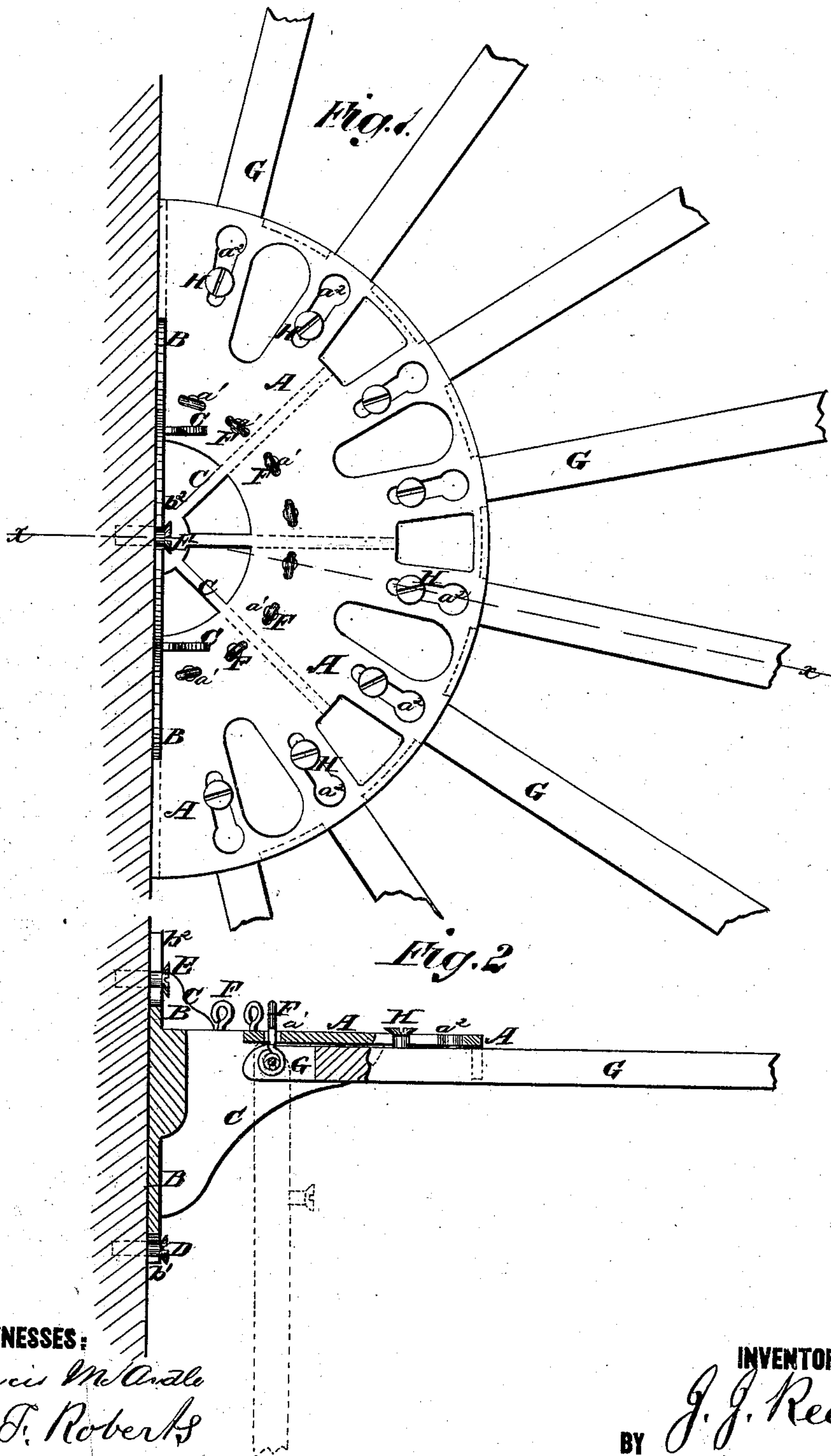


J. J. REED.
CLOTHES-DRIER.

No. 174,439.

Patented March 7, 1876.



WITNESSES:

Francis McAnale
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INVENTOR:

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UNITED STATES PATENT OFFICE.

JOHN J. REED, OF LYONS, IOWA.

IMPROVEMENT IN CLOTHES-DRIERS.

Specification forming part of Letters Patent No. 174,439, dated March 7, 1876; application filed October 23, 1875.

To all whom it may concern:

Be it known that I, JOHN J. REED, of Lyons, in the county of Clinton and State of Iowa, have invented a new and useful Improvement in Clothes-Racks, of which the following is a specification:

Figure 1 is a top view of my improved clothes-rack. Fig. 2 is a vertical section of the same, taken through the line *xx*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved clothes-rack, which shall be so constructed that it may be folded into small compass when not in use, which may be readily moved from one place to another, and which, when opened out for use, may furnish a large amount of drying-surface.

The invention consists in the shelf, the wall-plate, and the ribs, cast in one piece, and provided with the slots, the holes, and the radial slots; in the combination of the hinging-wires with the holes of the device, and with the ends of the arms; and in the combination of the screws with the radial slots of the device, and with the hinged arms, as hereinafter fully described.

A is a semicircular plate or shelf, upon the rear or straight edge of which is cast a flange or plate, B, at right angles with the shelf A, and projecting above and below it. The connection between the shelf A and the wall-plate B is strengthened by ribs or braces C, cast upon them. In the middle part of the lower and upper edges of the wall-plate B are formed slots b^1 b^2 , to receive screws D E, inserted in a wall or other support, at such a distance apart that the device may be detached by sliding it upward upon the upper screw E until the slot b^1 is withdrawn from the lower screw D, and then sliding it downward until the slot b^2 is withdrawn from the upper screw E. The device is suspended by reversing this operation.

With this construction, by having sets of screws D E in different places, the rack can be conveniently moved from one place to another, as may be desired.

In the middle part of the shelf A is formed a semicircular row of eight, more or less, holes,

a^1 , to receive the wires F, which have eyes or heads formed upon their upper ends, and eyes formed upon their lower ends. The lower ends of the wires F are inserted in slots in the inner ends of the arms G, where they are secured in place by pins, thus loosely hinging the inner ends of the said arms to the shelf A, so that they may be raised into a horizontal position along the under side of the said shelf to support the clothes, and may be dropped into a vertical position when not required for use, and may thus be entirely out of the way. In the shelf A, near its outer edge, is formed a semicircular row of eight, more or less, radial slots a^2 , the outer ends of which are made wide, so that the heads of the screws H, attached to the arms G, may pass through them. The inner parts of the slots a^2 are made narrow, so that the heads of the screws H cannot pass through them.

With this construction the arms G are adjusted for use by raising them into a horizontal position, drawing them forward, passing the heads of the screws H through the enlarged outer ends of the slots a^2 , and pushing them in to bring the bodies of said screws into the narrower parts of said slots. When not required for use, by reversing this operation, the arms G may be lowered into a vertical position against the wall and allowed to hang, as shown in dotted lines in Fig. 2.

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

1. The shelf A, the wall-plate B, and the ribs C, cast in one piece, and provided with the slots b^1 b^2 , the holes a^1 , and the slots a^2 , substantially as herein shown and described.

2. The combination of the hinging-wires F with the holes a^1 of the device A B C and with the ends of the arms G, substantially as herein shown and described.

3. The combination of the screws H with the slots a^2 of the device A B C and with the hinged arms G, substantially as herein shown and described.

JOHN JAMES REED.

Witnesses:

ROBERT T. T. SPENCE,
GEO. W. ASHTON.