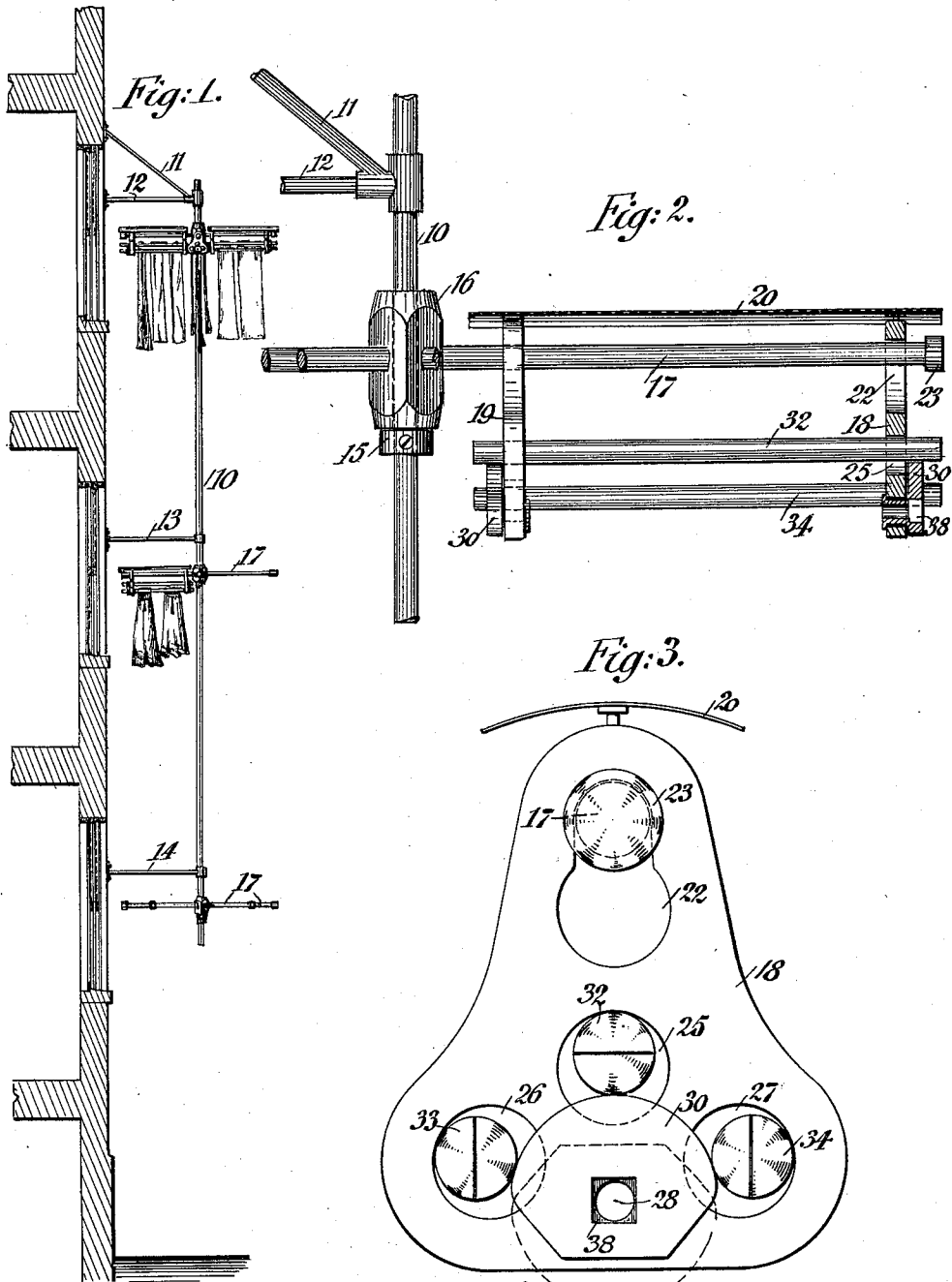


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CLOTHES DRIER.
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1,008,905.

Patented Nov. 14, 1911.



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UNITED STATES PATENT OFFICE.

MORRIS HERSCOVITZ, OF NEW YORK, N. Y.

CLOTHES-DRIER.

1,008,905.

Specification of Letters Patent. Patented Nov. 14, 1911.

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To all whom it may concern:

Be it known that I, MORRIS HERSCOVITZ, a citizen of the United States of America, residing in New York, in the borough of Manhattan and State of New York, have invented certain new and useful Improvements in Clothes-Driers, of which the following is a specification.

This invention relates to an improvement in my former invention in clothes driers, set forth and described in United States Letters Patent No. 986,711, granted to me March 14th, 1911.

The present invention has for its object to provide means for holding the clothes-carrying rods in position in a more facile manner than hitherto and for this purpose my invention consists of an improved clothes-rod holding device, which operates to clamp the rods tightly in position when the same are in use and more particularly, by means of an eccentric action of the clamping member.

In the accompanying drawing, Figure 1 represents a perspective view of my improved clothes-drier, applied to a building, the wall and floors of the latter being shown in section, Fig. 2 is an enlarged side-elevation, partly in section, of one of the clothes-carrying frames, shown in position upon the supporting rod, and Fig. 3 is an end view, on a still larger scale, of the clothes-carrying frame.

Similar letters of reference indicate corresponding parts.

In the drawing, 10 indicates a vertical supporting rod which is secured to the side of the building, in any suitable manner, as by bracket arms 11, 12, 13, 14, at such distance therefrom as to permit rotation of the clothes-carrying frames between the rod and the building.

On the rod are arranged adjustable collars 15, which support sleeves 16 rotatable on the rod. From said sleeves or hubs 16 extend any suitable number as for example six radial arms 17.

To each radial arm 17 is adapted to be applied a clothes-carrying frame, comprising end-members 18—19, suitably connected by a cover or hood 20. The end-members are provided each with openings, one at the upper portion, said opening 22 being of vertically elongated form, as shown in Fig. 3, and larger at the bottom than at the top, whereby the frame may be placed on the

hanger rod 17 if desired without removing the detachable collar or head 23 at the end of said rod, said opening being of such size as to permit the head to enter, but at its upper part said opening being narrower than the head, but adapted to receive the rod 17, thereby retaining the hanger-frame on the rod.

At its lower portion the end-members are provided each with three openings 25, 26, 27, equidistantly arranged from a center 28, at which center is the axis of a locking-member 30. The openings are adapted to receive split-rods 32, 33, 34, which clamp the clothes inserted in them and support the same for drying. The clamping split-rods 32, 33, 34 are clamped in position in the hanger-frame, and the clothes simultaneously clamped in the rods, by means of the locking-device 30, which comprises an eccentric or cam-shaped member pivoted in the end-frame or member and bearing at its periphery against the clothes-bars 32, 33, 34, thereby pressing the same against the outer walls of their respective openings, as shown in Fig. 3, and simultaneously pressing the two parts of the individual bars together upon the articles of clothing which have been inserted between those parts.

The locking-member 30 may be provided with any suitable means for turning the same into and out of locking position, as for example a square socket, 38 in its hub, adapted to be turned by a crank (not shown) having a squared shank inserted in said socket. When turned in inoperative position, as indicated in dotted lines in Fig. 3, the periphery of the locking-member is removed from the clothes-bars, and no pressure is exerted on the same, thus permitting the clothing to be removed from the bars and the bars removed from the hanger frame.

The operation of my improved clothes-drier will be apparent from the foregoing and from the drawing.

The rotatable frames are supported on the rod 10 at a suitable height relatively to the adjacent window, and swing in convenient position for placing the clothes-carrying frames thereon and removing the same after the clothes are dried. The frames may be filled with the clothing to be dried, within the room or apartment, and when the clothing is completely locked in the same by means of the locking-device the frame is

taken to the window and passed through the same and placed upon one of the rods 17, in the manner described. Any number of frames may be thus filled and placed on the rotatable frame for drying the clothes, until the frame is filled. When dry, the clothing is removed by withdrawing the individual clothes-carrying frames from the rods 17 and bringing the same through the window into the room, where the locking-device is released, thereby freeing the clothes-bars and permitting the dried clothes to be removed therefrom.

It is obvious that changes may be made in details without departing from the spirit of the invention.

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

1. A clothes-drier consisting of a hanger-rod, a clothes-carrying frame thereon having openings, clothes-bars in said openings, and a clamping device acting on more than one bar for holding said bars in position

during drying, and releasing simultaneously all the bars when they are to be disengaged from the frame.

2. In a clothes-drier, a clothes-carrying frame having three openings, one adjacent the other, clothes-bars therein, and a single clamping device for simultaneously holding each of said bars in position in said openings.

3. In a clothes-drier, a clothes-carrying frame, having openings, clothes-bars therein, and a clamping device for simultaneously holding each of said bars in position in said openings, said device being eccentrically arranged so as to engage the bars in one position and disengage the same in another position.

In testimony, that I claim the foregoing as my invention, I have signed my name in presence of two subscribing witnesses.

MORRIS HERSCOVITZ.

Witnesses:

L. J. MURPHY,
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."