J. A. TURPIN.

REVOLUBLE CLOTHES FRAME.

APPLICATION FILED MAR. 6, 1909.

928,823.

Patented July 20, 1909.

2 SHEETS—SHEET 1.

Fig. 1.

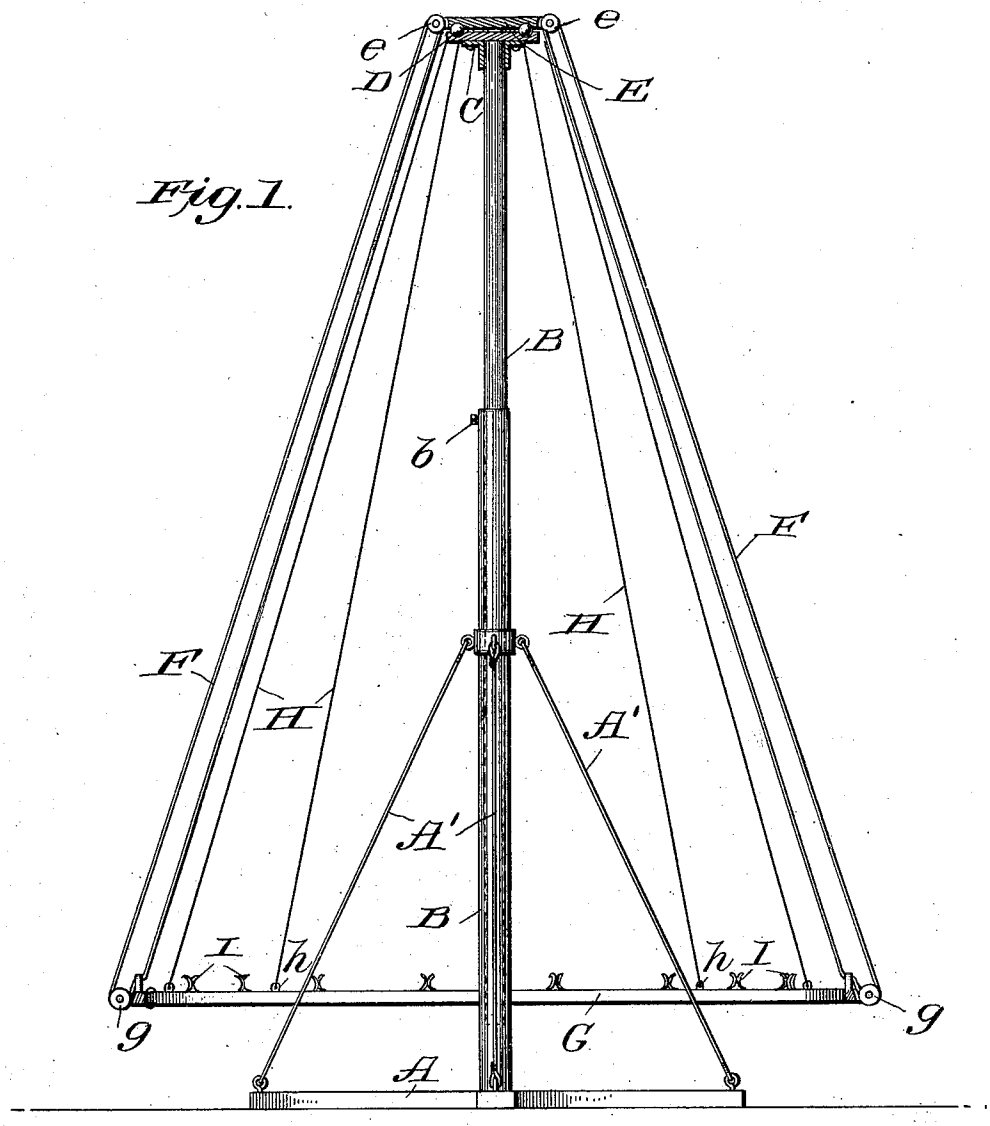
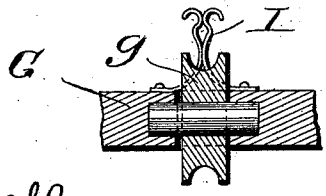


Fig. 2.



Witnesses

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2 SHEETS—SHEET 2.

Fig. 3.

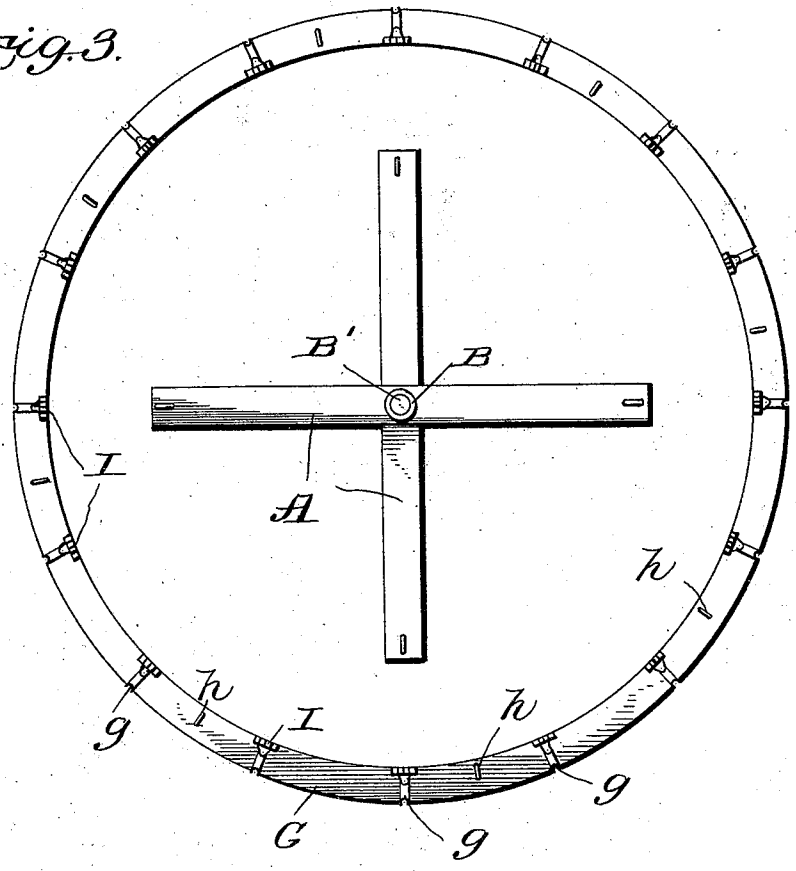
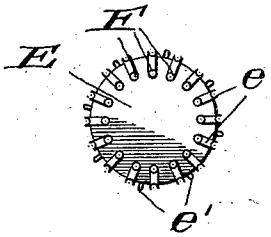


Fig. 4.



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UNITED STATES PATENT OFFICE.

JAMES A. TURPIN, OF NORFOLK, VIRGINIA.

REVOLUBLE CLOTHES-FRAME.

No. 928,823. Specification of Letters Patent. Patented July 20, 1909.

Application filed March 6, 1909. Serial No. 481,561.

To all whom it may concern:

Be it known that I, JAMES A. TURPIN, a citizen of the United States, residing at Norfolk, in the county of Norfolk and State of Virginia, have invented certain new and useful Improvements in Revoluble Clothes-Frames; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in apparatus for supporting wash clothes while being dried, or other clothes while being sunned or aired, and it consists in providing a light, cheap, and simple apparatus which can support a large quantity of such clothes, with air spaces between the various articles, and yet occupy very little ground or floor space in the yard or drying room.

My invention will be understood by reference to the accompanying drawings, in which the same parts are indicated by the same letters, throughout the several views.

Figure 1 shows a central vertical section through the device, the stanchion and base frame being shown in elevation, and some of the stays and hoisting lines being omitted, for the sake of clearness in the drawings. Fig. 2 is a detail, showing in section one of the lower pulleys, and also one of the spring clips. Fig. 3 is a plan view of the frame of the device with the upper disks removed, and all stays and hoisting lines omitted. Fig. 4 shows a plan view of the upper disk of the device.

A represents a frame or pedestal carrying the post B, connected to said frame by suitable stays A′.

For convenience of manufacture, assembly, and adjustment, the column in the center of the device is preferably made of a piece of iron or steel pipe B in which telescopes a smaller pipe B′, the two being clamped together to form a post of the desired height by means of the clamp screw *b*.

Secured to the top of the member B′ is a plate C provided with ball bearings D supporting the revoluble disk E, which disk is provided with a series of pulleys *e* and eye bolts *e′* (see Fig. 4). Over these pulleys endless ropes or cords F are rove, the lower bight of the rope or cord passing over pulleys *g* in the ring G, which ring is preferably of much greater diameter than the disk E. This ring is also provided with spring clamp I and eye bolts *h*. The ring G is supported by stays H secured to the eye bolts *e′* and *h*, which stays are strung clear of the hoisting lines.

To use the device, fasten the clothes onto the hoisting lines with any suitable clothes pins, preferably fasten on the smaller pieces first and then hoist those up and fasten on the larger pieces; this will prevent crowding owing to the conical shape of the skeleton device. When the line is filled fasten it in the spring clamp I; and then by turning the ring G slightly another line may be filled and secured as before.

Owing to the parts carrying the hoisting lines being revoluble, the entire system of hoisting lines may be filled or emptied by an operator from any given point (as from a fixed wash tub), without being obliged to carry the clothes around in the process of applying or removing same.

It will be noted that there will always be an air passage between the clothes on adjacent hoisting lines, and the ring G and disk E may be turned through an arc of a circle from time to time, if desired, to catch the rays from the sun, or the heat from a fire, and thus insure uniform drying of the clothes.

It will be obvious that any suitable form of cleat may be substituted for the spring clips I, if desired.

The number of the hoisting lines may be varied by increasing or decreasing the number of sets of pulleys, and decreased by not reeving lines over all the pairs of pulleys.

The apparatus being so light can readily be shifted from place to place; and it can also be conveniently "knocked down" for shipment, or other purposes when desired.

The apparatus is especially intended for use in small yards, or tenements, or wherever the space available for such purposes is contracted.

Having thus described my invention, what I claim and desire to secure by Letters Patent of the United States is:—

1. An apparatus of the character described, comprising a pedestal, a post mounted thereon, a disk revolubly mounted on said post, a ring suspended from said disk, pulleys on said disk and on said ring, and ropes or cords rove over said pulleys, substantially as and for the purposes described.

2. An apparatus of the character described, comprising a pedestal, a post mounted thereon, a disk revolubly mounted on said post, a ring of considerably greater diameter than said disk and suspended from said disk, pulleys on said disk and on said ring, clamps carried by said ring, and ropes or cords rove over said pulleys and engaging said clamps, substantially as and for the purposes described.

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

JAS. A. TURPIN.

Witnesses:
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KATE P. WOODHOUSE.