No. 883,053. PATENTED MAR. 24, 1908.

W. SCULLY.

CLOTHES DRIER.

APPLICATION FILED APR. 20, 1907.

2 SHEETS—SHEET 1.

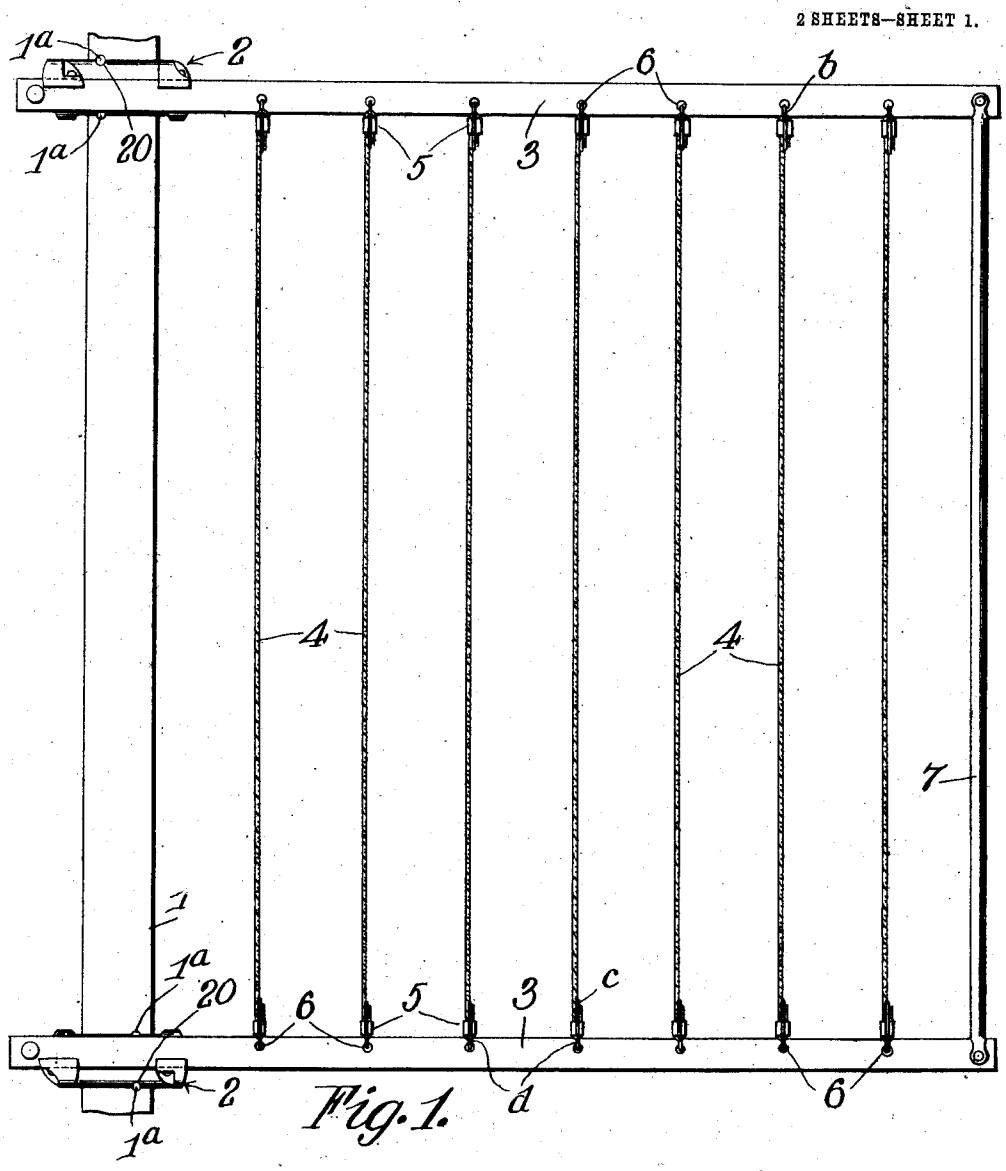


Fig. 1.

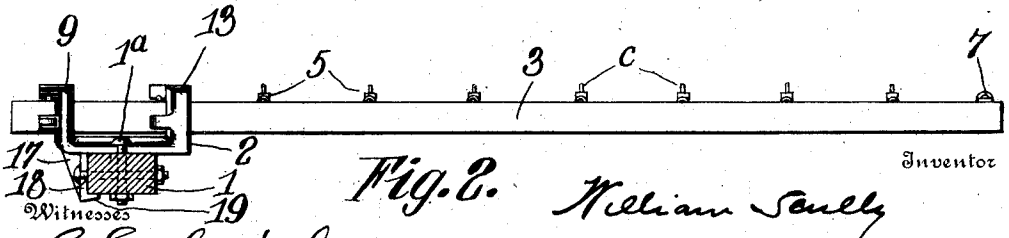


Fig. 2.

Witnesses

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2 SHEETS—SHEET 2.

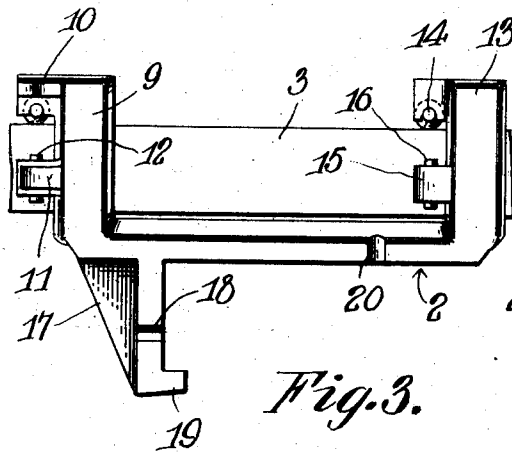


Fig. 3.

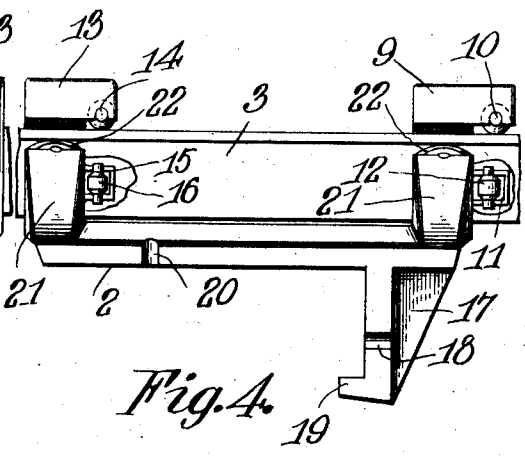


Fig. 4.

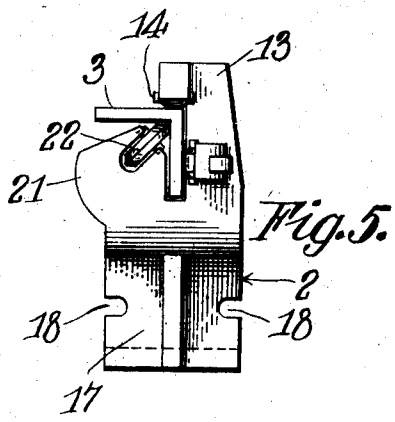


Fig. 5.

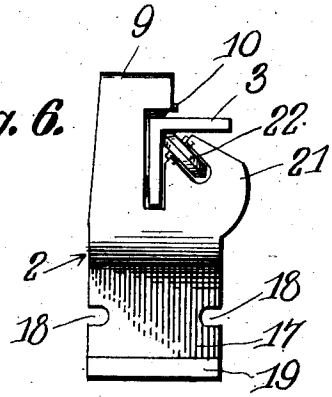


Fig. 6.

Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM SCULLY, OF CHICAGO, ILLINOIS.

CLOTHES-DRIER.

No. 883,053. Specification of Letters Patent. Patented March 24, 1908.

Application filed April 20, 1907. Serial No. 369,270.

To all whom it may concern:

Be it known that I, WILLIAM SCULLY, citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Clothes-Driers, of which the following is a specification.

This invention is a drier or rack for the purpose of drying clothes, and may also be used for airing bedding or mattresses and for beating rugs and the like.

The object of the invention is to provide a device adapted to be used upon a back porch or balcony and comprises an extensible frame or rack attached to the railing of the porch and which may be run out or drawn in with respect to the balcony or porch. When drawn in the clothes can be conveniently placed upon the rack, and when extended they will hang outside or beyond the porch to dry.

The invention is illustrated in the accompanying drawings, in which

Figure 1 is a plan view of the drier, extended. Fig. 2 is a side elevation. Figs. 3 and 4 are opposite side elevations of the holders or clamps by which the side bars of the rack are attached to the porch rail. Figs. 5 and 6 are opposite end views of the same.

Referring specifically to the drawings, 1 indicates the railing of a balcony or porch, on which the apparatus is supported by holders indicated at 2, in which the side bars 3 of the rack are held. These side bars have the form of angle irons, and they extend horizontally across the railing, and may be retracted within the same, so as to project over the porch, or extended beyond the same to allow the clothes to hang outside the porch. Lines 4 are connected between the bars, by means of hooks 5 secured to the ends of the lines, and holes 6 in the bars. A series of holes and lines are provided, so as to make a rack of sufficient capacity. The outer ends of the angle irons are connected by a spacing rod 7.

Each holder 2 consists of a plate resting upon the top of the rail 1 and clamped thereto by means of vertical and horizontal bolts 1^a at opposite sides. The vertical bolts extend through notches 20 in the plate of the holder and the horizontal bolts extend through notches 18 in a depending flange 17 which fits against the rear or inner side of the rail, and this flange has a toe or off-set portion 19 which hooks under the inner edge of the rail. At its opposite ends the holder has upright parts 9 and 13 which over-hang a groove or way through which the side bar 3 slides, and said parts carry, respectively rollers 10 and 14 which bear upon the top of the angle bar, said bar being placed with one flange extending vertically and the other horizontally, the horizontal flange being at the top. Also, at opposite ends, the holder has bearing lugs 11 and 15 which carry rollers 12 and 16 in contact with the outer side of the vertical flange of the angle iron. On the inner side of the holder it has at each end a bearing lug or block 21 which supports a roller 22 having an angular rim which fits within or against the corner of the angle iron. The wheels 22 are presented to the iron or bar 3 at an angle of forty-five degrees, and the rim of the wheel bears against and supports both flanges of the angle bar.

It will be seen that by this construction the angle bars are supported by the rollers and wheels mounted in the holders in such a way as to permit said bars to be run in or out, and at the same time to support whatever weight or strain may be placed upon the drier, movement in all directions, except lengthwise, being prevented by the location and position of the rollers. The rollers 10 and 14 support, particularly, any vertical weight or strain on the parts; the rollers 12 and 16 prevent lateral movement in one direction, and the large rollers 22 prevent lateral movement in the other direction and at the same time hold the bars in contact with the other rollers. The bars are thus held in parallelism at all times, and may readily be retracted or extended when desired.

In use, the side bars *e* are drawn in to a sufficient extent, and a few lines are attached between the outer ends thereof. Clothes are hung on these lines. Then the bars are pushed out farther, and more lines added; and so on until the rack is full or all the clothes are hung. The clothes will then hang out beyond the porch, to dry, and when dry they may be removed by pulling in the bars, detaching the clothes from the line, and disconnecting the line, as fast as they are reached.

For airing bedding, mattresses, and the like, the rack is extended and the lines are

put in place, and the bedding can then be hung or placed upon the same and exposed to the sun and air. For beating rugs, the rugs are laid across the lines and the dirt dislodged with a beater in the usual manner.

The device will be found particularly useful for dwellers in flats, for conveniently hanging out washings on porches at the rear.

The invention is not limited to the specific devices or means shown, but may be modified without departing from the scope of the following claims.

I claim:

1. A clothes drier comprising a pair of holders adapted for attachment to a suitable support, said holders having depending hooked flanges to hook under such support, a pair of bars supported by the holders and movable lengthwise therein, and supports extending between the bars.

2. A clothes drier comprising a pair of flanged bars, clothes supports extending between the same, and a pair of holders for the bars, adapted for attachment to a suitable support, each holder having rollers at opposite ends bearing against opposite sides of the flanges of the bar, and between which the bars are slidable.

3. A clothes drier comprising a pair of angle bars, clothes supports extending between the same, and a pair of holders for the bars, adapted for attachment to a suitable support, each holder having overhanging parts provided with rollers bearing on top of the bar, and also having rollers bearing against the side and in the angle of the bar, the bars being movable lengthwise between the rollers.

4. In clothes drier, the combination with an extensible angle bar, of a holder comprising a plate adapted for attachment to a suitable support, and having uprights at its opposite ends with angular grooves or ways therein, through which the bar extends and in which it is slidable.

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

WILLIAM SCULLY.

Witnesses:
NELLIE FELTSKOG,
H. G. BATCHELOR.