

(No Model.)

J. DEGELLEKE.
CLOTHES DRIER.

No. 446,853.

Patented Feb. 24, 1891.

FIG. 1 -

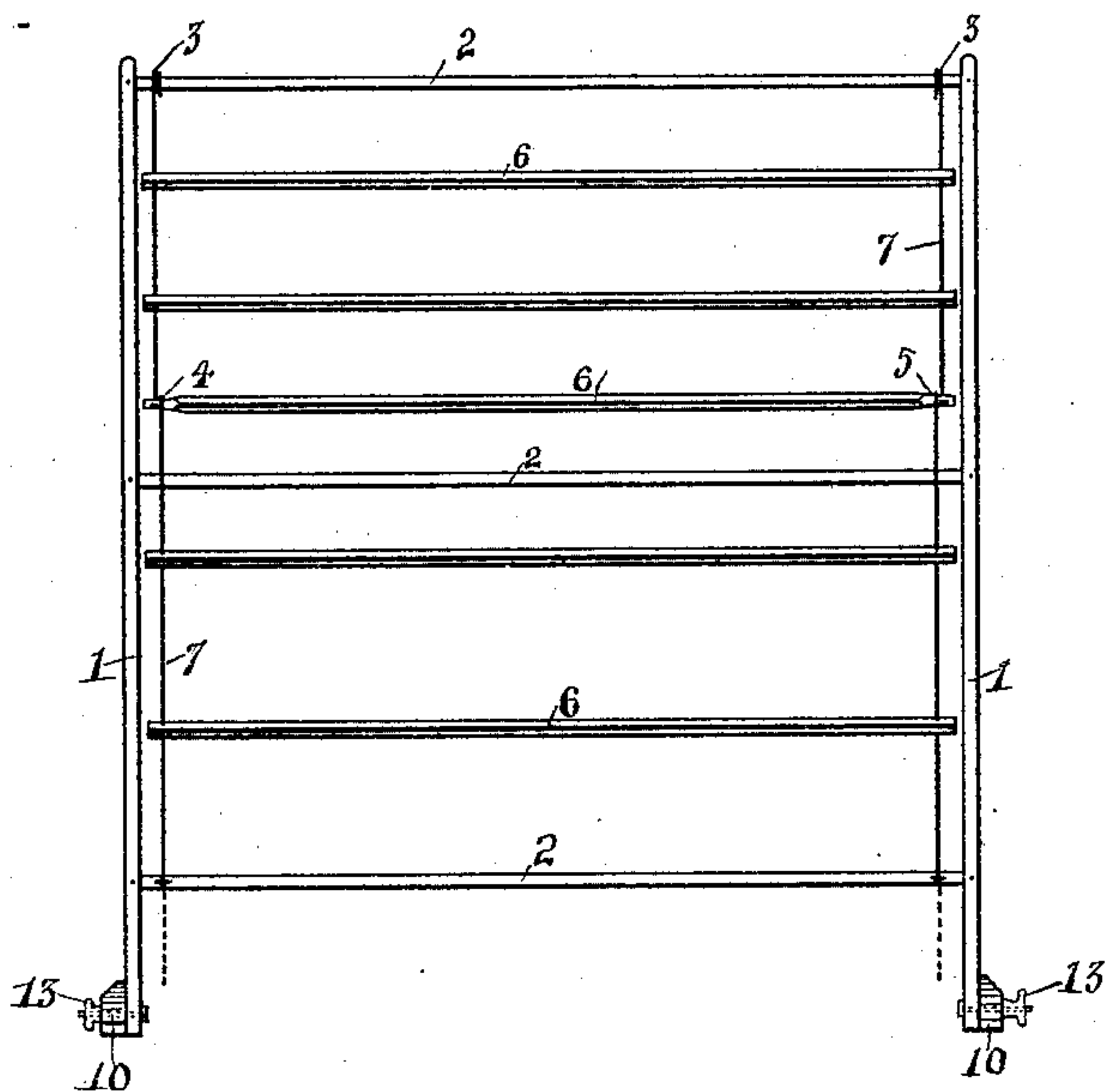


FIG. 2 -

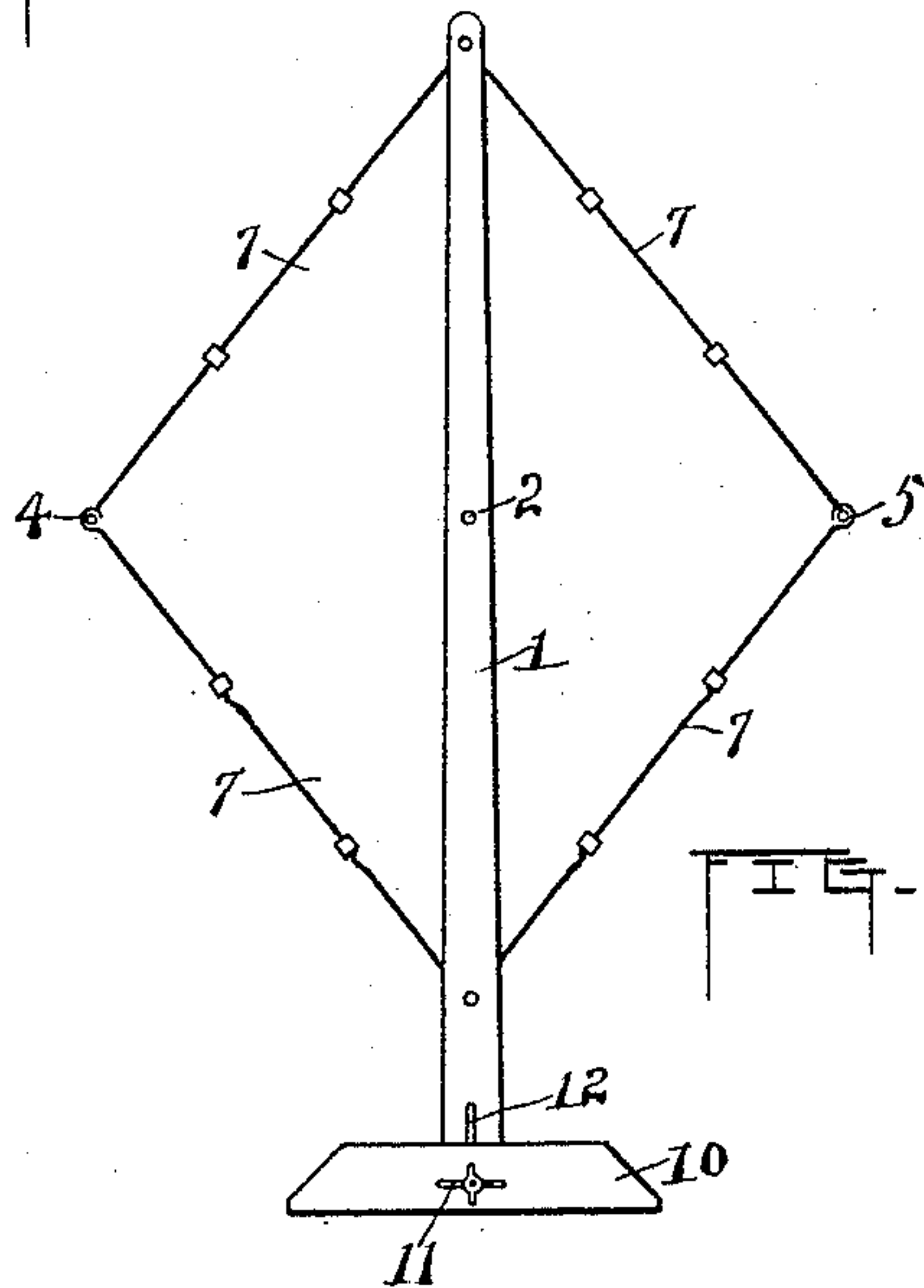


FIG. 3 -

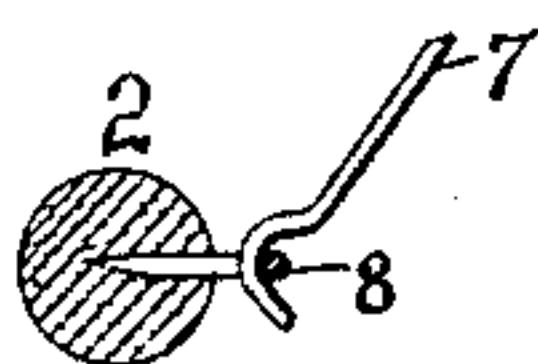


FIG. 4 -

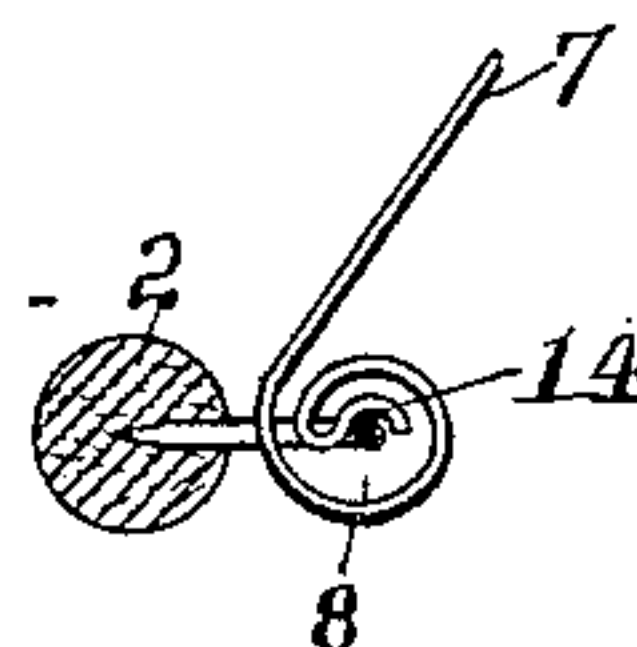
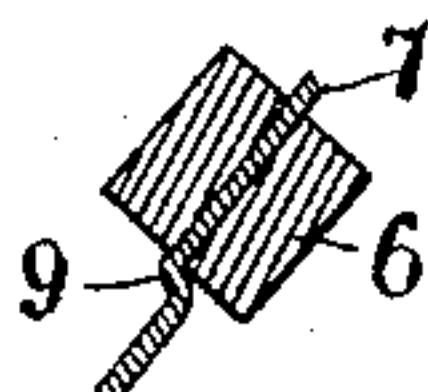


FIG. 5 -



Witnesses

Archie M. Catlin.

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UNITED STATES PATENT OFFICE.

JAMES DEGELLEKE, OF SODUS, NEW YORK, ASSIGNOR OF ONE-HALF TO
WILLIAM DEGELLEKE, JR., OF SAME PLACE.

CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 446,853, dated February 24, 1891.

Application filed June 26, 1890. Serial No. 356,781. (No model.)

To all whom it may concern:

Be it known that I, JAMES DEGELLEKE, a citizen of the United States, residing at Sodus, in the county of Wayne and State of New York, have invented certain new and useful Improvements in Clothes-Racks; 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.

The object of the invention is to provide a clothes-drying rack that shall combine simplicity and economy of construction with comparatively large capacity and with an adaptability for easy arrangement in small compass when not in use.

Folding racks of various forms are well-known, and the present improvement consists in the particular construction herein specified, and pointed out in the claims.

In the drawings, Figure 1 is a side elevation of the rack arranged for use to its full capacity. Fig. 2 is an end elevation of the same. Figs. 3 and 4 are details showing modes of supporting the feet of supplementary drying-frames by staples secured in a cross-bar, and Fig. 5 is a detail showing means for preventing the cross-rods of supplementary frames from slipping down on their supporting-wires.

Numerals 1 1 indicate two standards rigidly connected by cross-bars 2 2, of which there are preferably three in number. These standards have adjustable feet or sills 10. To the upper bar 2 are hinged at 3 3 two drying-frames, each composed of two parts or panels hinged at 4 and at 5, respectively, upon a frame-rod 6. Each panel of the drying-frames consists of two parallel wires or rods 7 7, connected by cross-rods 6. Preferably the latter are made of wood and the side rods of steel. The lower panels of the two drying-frames are each detachably supported in staples 8, secured in the lower cross-bar 2 of the main frame by means of the side wires or rods 7 7.

In Fig. 3 is shown the foot of one of these wires bent to embrace a staple secured in any suitable manner in the bar 2. In Fig. 4 is shown another form of such foot, and these feet are arranged substantially as shown in

one or the other of these views, when the frames are adjusted for use at their greatest capacity, or as indicated in Fig. 2.

As shown in Fig. 3, the rod or wire 7 is bent in hook form and so that its concavity can rest upon the staple, which latter, however, extends sufficiently far from the bar 2 to permit the rod 7 to be thrust down through the staple, if desired, as indicated in dotted lines in Fig. 1. These hooks can also be drawn out upwardly to permit the hinged frames to be raised above the main frame, where they may be sustained in any convenient manner, as by hooks in a wall. According to the form shown in Fig. 4, which is preferred, the rod 7 is passed down through the staple and curved upwardly on the outside thereof and rests near its end upon the top of the staple. The bend 14 at the extremity of the wire provides a convenient seat for the staple; but this is not essential, it being only important that the wire at or near its extremity rests upon the upper side of the staple. The hook made in this form can be lifted from the staple and adjusted so that the rod 7 may be dropped through the staple, and such hook can be lifted out of the staple, provided the latter is made sufficiently large. The rods 7 are conveniently connected with the cross-bars by being simply passed through suitable holes in the same, or in any equivalent manner. The bars may be prevented from slipping down on the rods by bends formed therein, such as indicated at 9 in Fig. 5. Such construction permits the lower part to be slipped up on the wires when necessary to permit said wires to extend through staples 8 in a vertical line.

At 10 10 are indicated adjustable feet for the main frame, secured to the standards by thumb-nuts 13 upon screw-bolts passing through a slot 11 in each foot 10, and also through a slot 12 in each standard and provided with heads on the inner sides of the standards. By loosening the nuts the sills or feet 10 can be turned lengthwise of the standards and the bolts moved to the top of the slots 12 and the feet so adjusted that they will not extend below the standards, and they can then be clamped in place by the thumb-

nuts. A slot either in each foot or in each standard might be used instead of slots in both. The drying-frames being also adjusted to a vertical position in or near planes passing lengthwise through the standards by thrusting the side rods 7 7 down through the staples, as before explained, the drier will be reduced to a small compass, and can be conveniently stowed behind a door or in other narrow space. In some cases the latter adjustment may be convenient without folding the feet 10.

In case it is desired, either because of want of room or because the whole capacity of the drier is not required, the frames on one side can be pushed down, so as to hang in a vertical plane, and those on the other side arranged to be supported upon the staples, so as to stand in oblique position, as shown in Fig. 2. The frames also can be used if both pairs hang vertically, though their joint capacity is in such case reduced.

Having now described my invention, what I desire to secure by Letters Patent is—

25 1. The clothes-drier consisting of the main frame having the standards and cross-bars, the drying-frames hinged to the upper cross-bar of the main frame and adjustably sup-

ported on the lower cross-bar, and the feet or sills adjustably secured to the standards by means of bolts passing through slots in the standards, whereby all the parts can be arranged in or near the lengthwise central plane of the standards, substantially as set forth.

35 2. In a clothes-drier, the main frame having standards and cross-bars and a two-paneled drying-frame, one panel being hinged to the upper cross-bar and the other supported on the hooks formed at the foot of the side rods of the lower panel of the drying-frame, which engage staples and are adapted either to rest thereon or be pushed down through the same, as desired, whereby the panels can be supported at an angle to each other or 45 dropped into the same vertical plane, in combination with the wires 7, having stops 9 and an adjustable rod 6, whereby said rod can be moved up on the wires to permit the operation specified, substantially as set forth.

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

JAMES DEGELLEKE.

Witnesses:

MYRIC M. KELLY,
ARTHUR J. BARBER.