

(No Model.)

A. C. ETZEL.
CLOTHES DRIER.

No. 429,022.

Patented May 27, 1890.

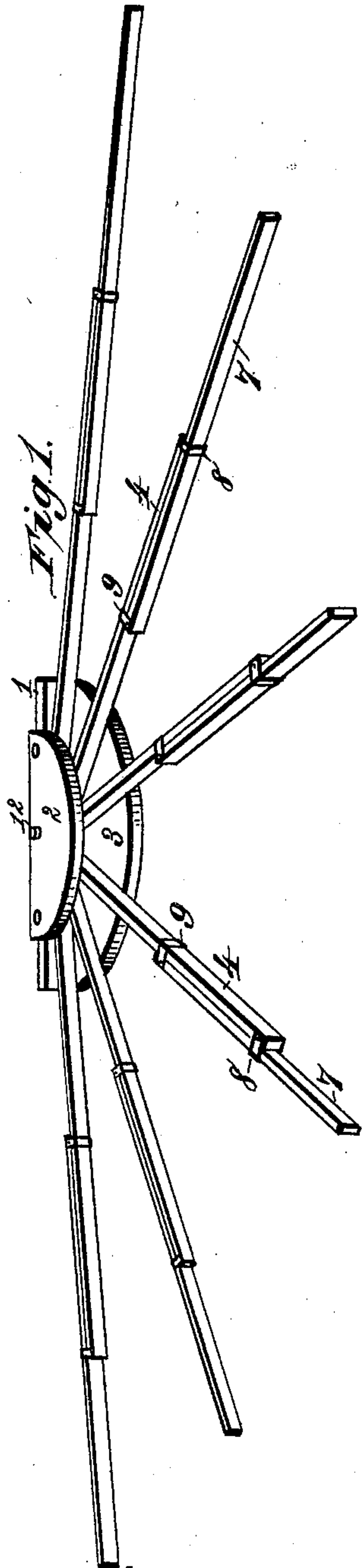


Fig. 1.

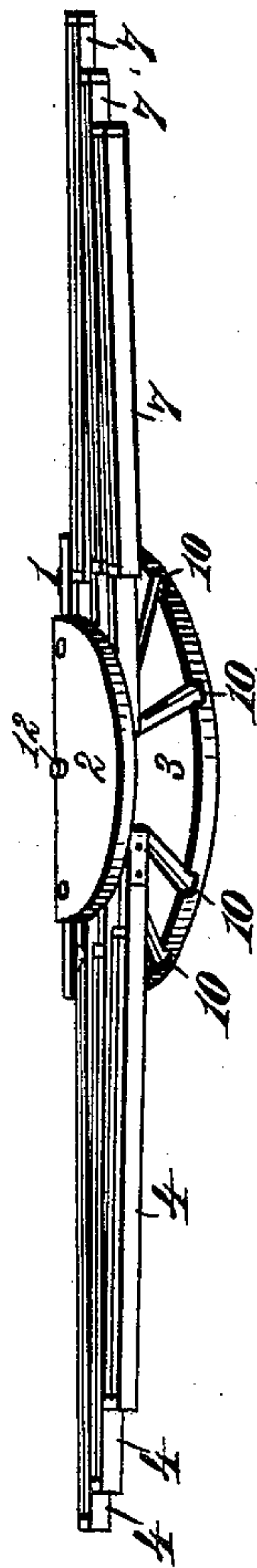


Fig. 2.

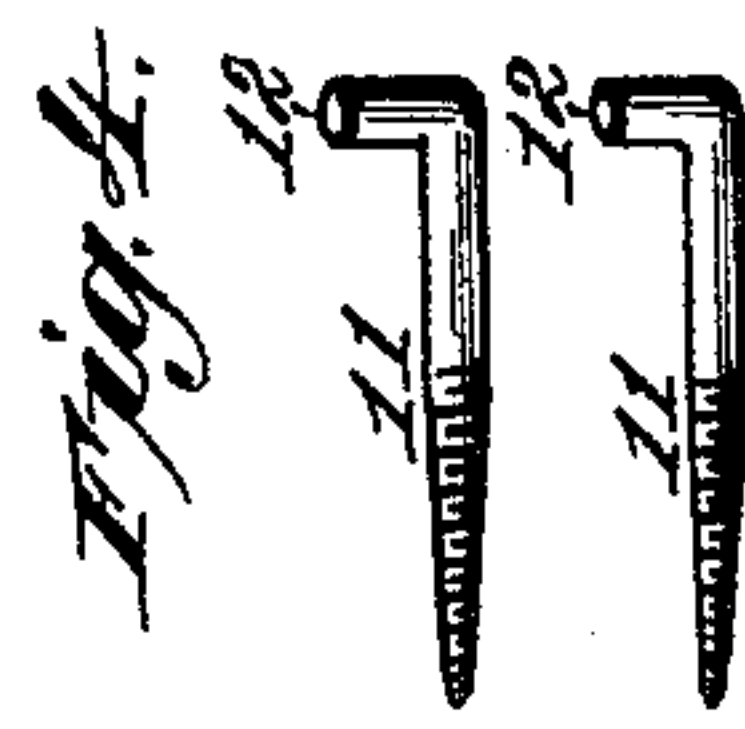
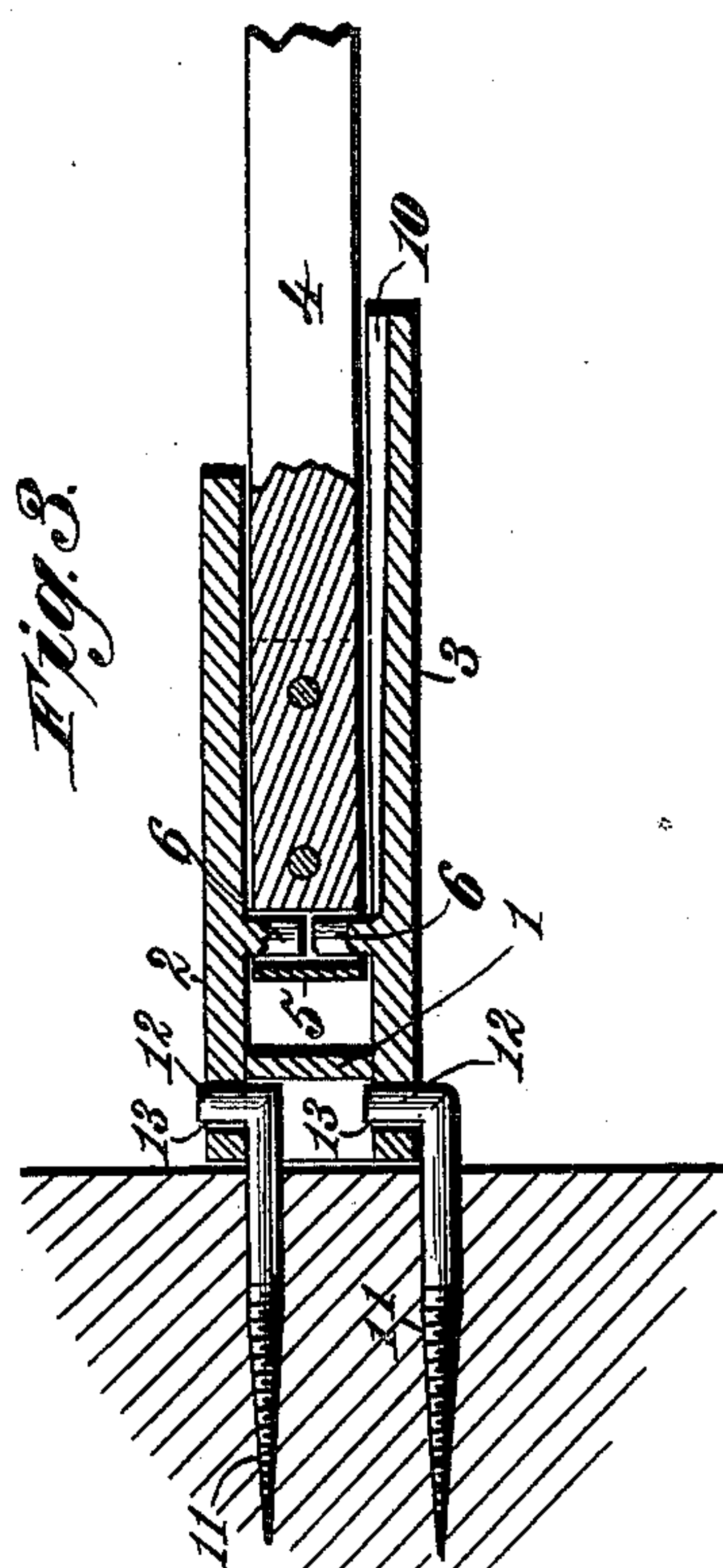


Fig. 3.



Witnesses.
Robert Emmett.
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UNITED STATES PATENT OFFICE.

AUGUST C. ETZEL, OF CARROLLTON, MISSOURI.

CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 429,022, dated May 27, 1890.

Application filed March 17, 1890. Serial No. 344,215. (No model.)

To all whom it may concern:

Be it known that I, AUGUST C. ETZEL, a citizen of the United States, residing at Carrollton, in the county of Carroll and State of Missouri, have invented new and useful Improvements in a Clothes Rack or Drier, of which the following is a specification.

This invention relates to a clothes rack or drier adapted to be secured against the wall of a room and provided with a number of pivoted arms that can be swung into radiating lines or folded back parallel with the wall when the device is not in use; and the invention consists in the construction and combination of devices hereinafter described and claimed.

In the annexed drawings, illustrating the invention, Figure 1 is a perspective view of a clothes rack or drier embodying my improvements and showing the pivoted drier arms or bars swung outward. Fig. 2 is a similar view of the clothes rack or drier, showing the arms folded back substantially parallel with the wall. Fig. 3 is a view showing the manner of connecting the pivotal bars or arms with their supporting plates or frame and the manner of attaching said frame to the supporting-hooks. Fig. 4 is a view of the supporting-hooks.

Referring to the drawings, the numeral 1 designates an oblong block or bar, to the upper and lower surfaces of which are secured the upper and lower horizontal plates 2 and 3, which, together with said block, form the supporting-frame of the rack. The plates 2 and 3 may be made of metal or other suitable material, and are preferably semicircular, as shown. These plates 2 and 3 are securely bolted to the block 1, and are so arranged that their straight edges are parallel with the rear edges of the block, by which they are connected and firmly braced.

The pivoted drier-arms or swinging bars 4 are provided at their rear ends with metallic loops or band-hinges 5, which engage hinge-pins 6, attached to either the upper or lower plates, or both, as preferred, so that said arms or bars can be swung outward between said

plates, as shown in Fig. 1, to support clothing, towels, or other articles, or be folded back parallel with the wall, as shown in Fig. 2, when the rack is not in use.

Each swinging arm or bar 4 is preferably provided with an extension 7, by which the holding capacity of the rack can be increased. These extension arms or bars 7 are connected with the main arms or bars 4 by means of guide-loops 8 and 9, one of which, as 8, is secured to the arm 4 near its outer end, and one, as 9, to the extension-arm 7 near its inner end. The guide-loops 8 and 9 support the extension-bars 7 and permit them to be drawn out a greater or less distance, as required.

In the upper surface of the lower plate 3 are a number of radial grooves 10, which extend from the hinge-pins 6 to the front edge of said plate in position to receive the arms or bars 4 when they are swung outward, and so hold the said arms secure and prevent them from being moved aside in case the rack should be placed in a draft or where it is subjected to the action of the wind.

The rack is attached to a wall or other convenient support by means of two hooks 11, driven into said wall or support—one above the other—a suitable distance apart to permit their upright arms 12 to engage vertical holes 13, formed through the rear portions of the horizontal plates 2 and 3 in such position that when the rack is attached to said hooks it will be securely braced by the rear surfaces of said plates bearing against the wall and will not be liable to tilt forward under the weight of articles placed on the drier-arms. By supporting the rack in this manner it can be readily detached and replaced whenever desired.

What I claim as my invention is—

The herein-described clothes rack or drier, consisting of the horizontal plates 2 and 3, each provided near its rear edge with a vertical hole 13 in line with the corresponding hole of the other plate, the lower plate being provided with radial grooves 10, the transverse bar 1, connecting said plates in front

of the holes 13, the hooks 11, located one
above the other in the same vertical line and
having vertical arms 12 to engage said holes,
and the swinging arms 4, hinged between
5 said plates and adapted to drop into the ra-
dial grooves of the lower plate, substantially
as shown and described.

In testimony whereof I have affixed my sig-
nature in presence of two witnesses.

AUGUST C. ETZEL.

Witnesses:

J. H. KELSEY,
JOHN L. MINICK.