

No. 625,595.

Patented May 23, 1899.

F. OVERTON & C. A. McCALLY.

CLOTHES DRIER.

(Application filed Jan. 14, 1899.)

(No Model.)

Fig. 1.

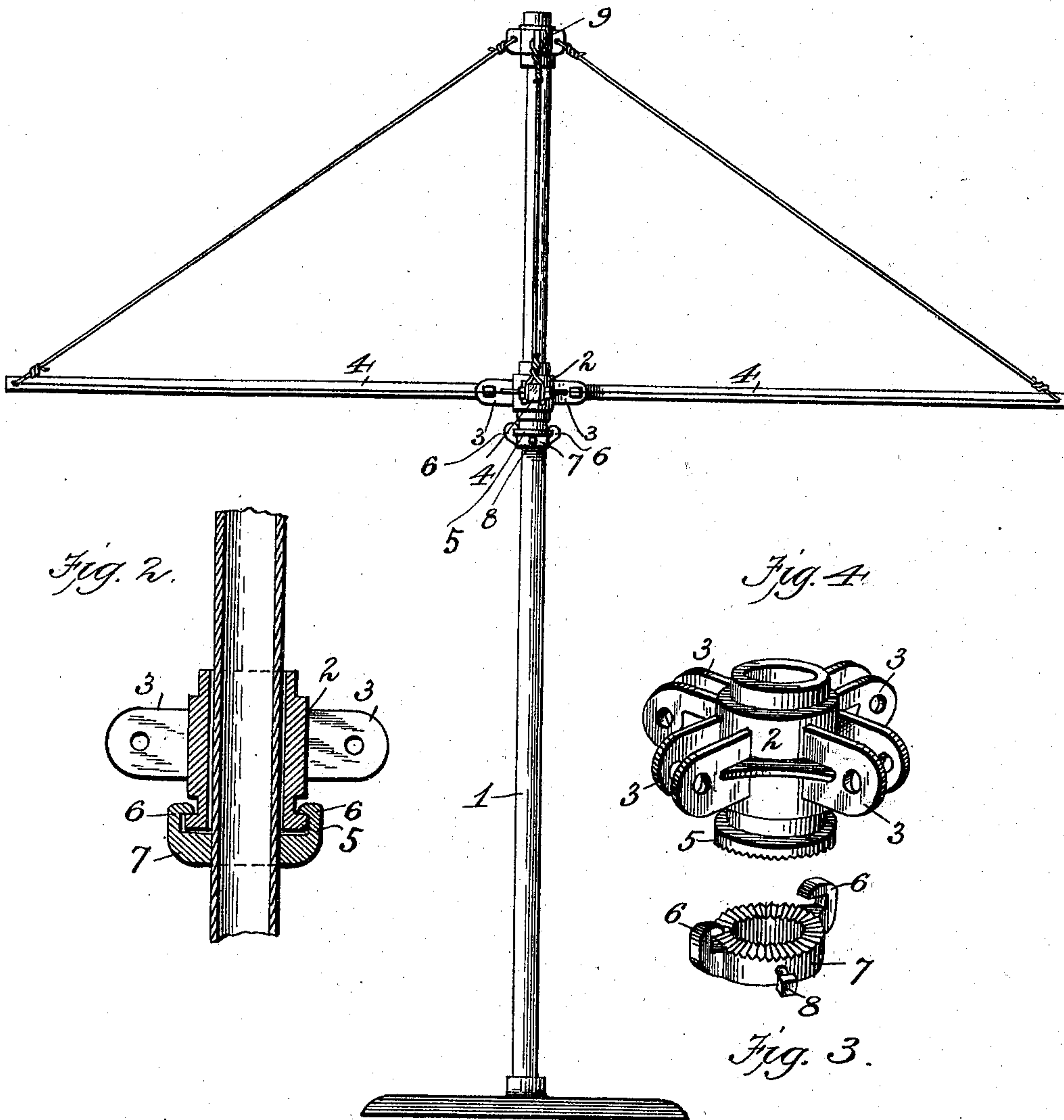


Fig. 2.

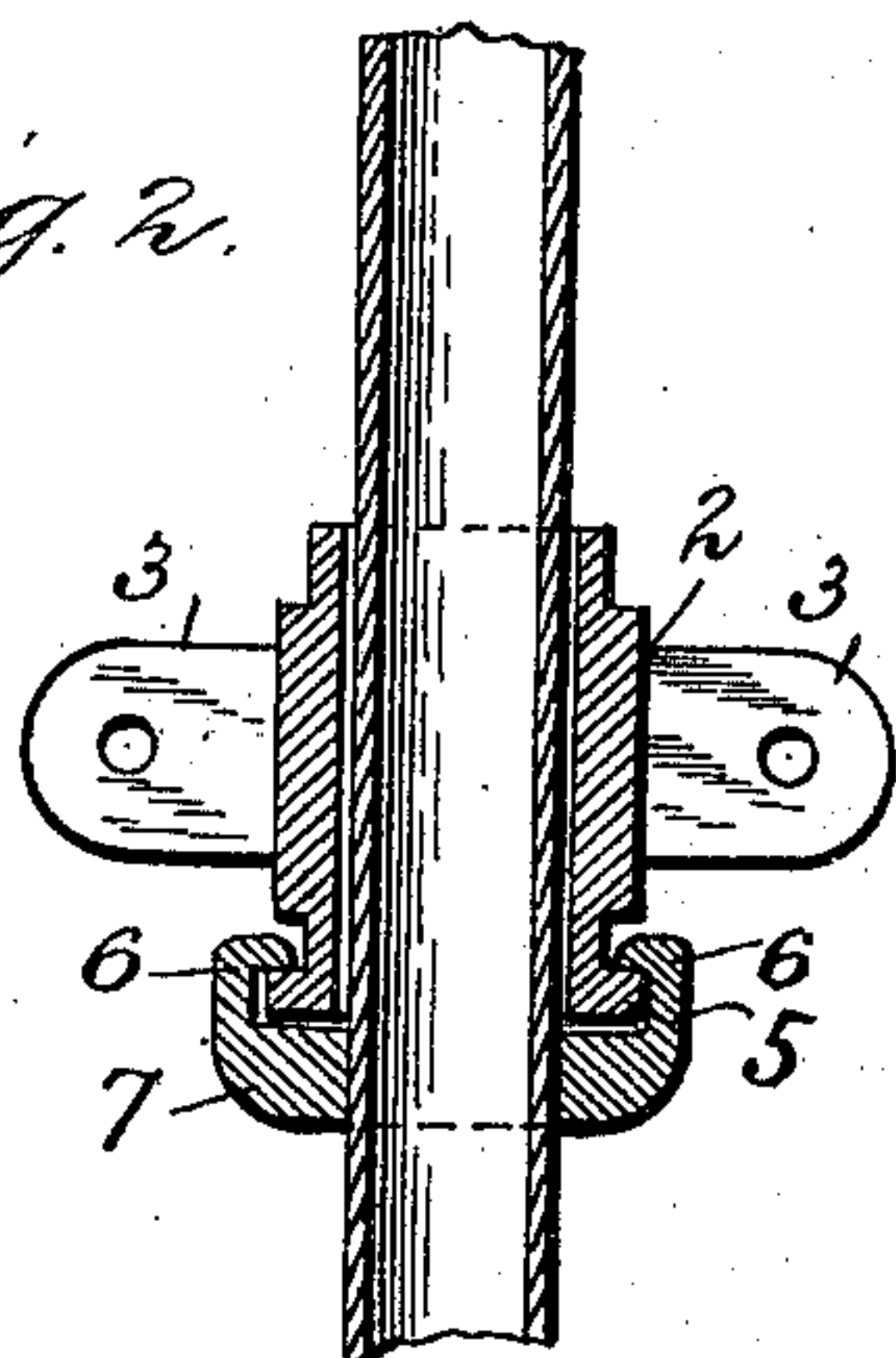


Fig. 4.

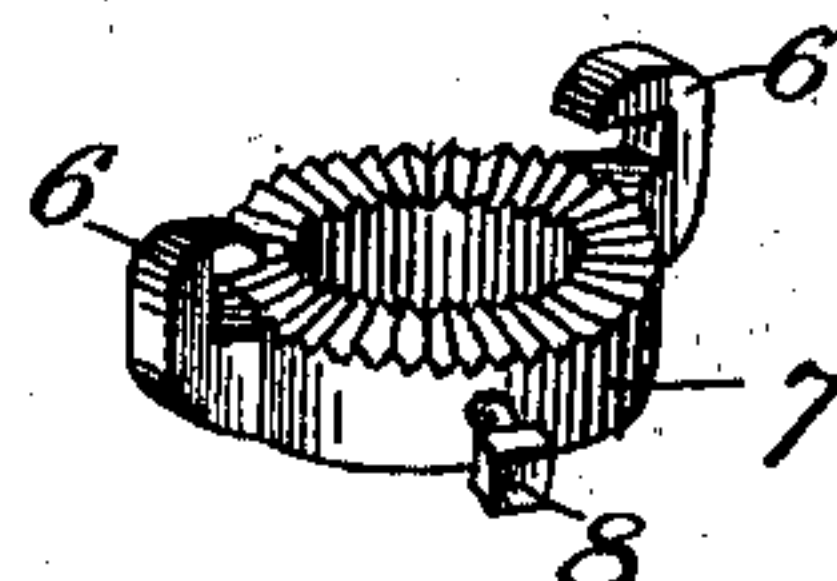
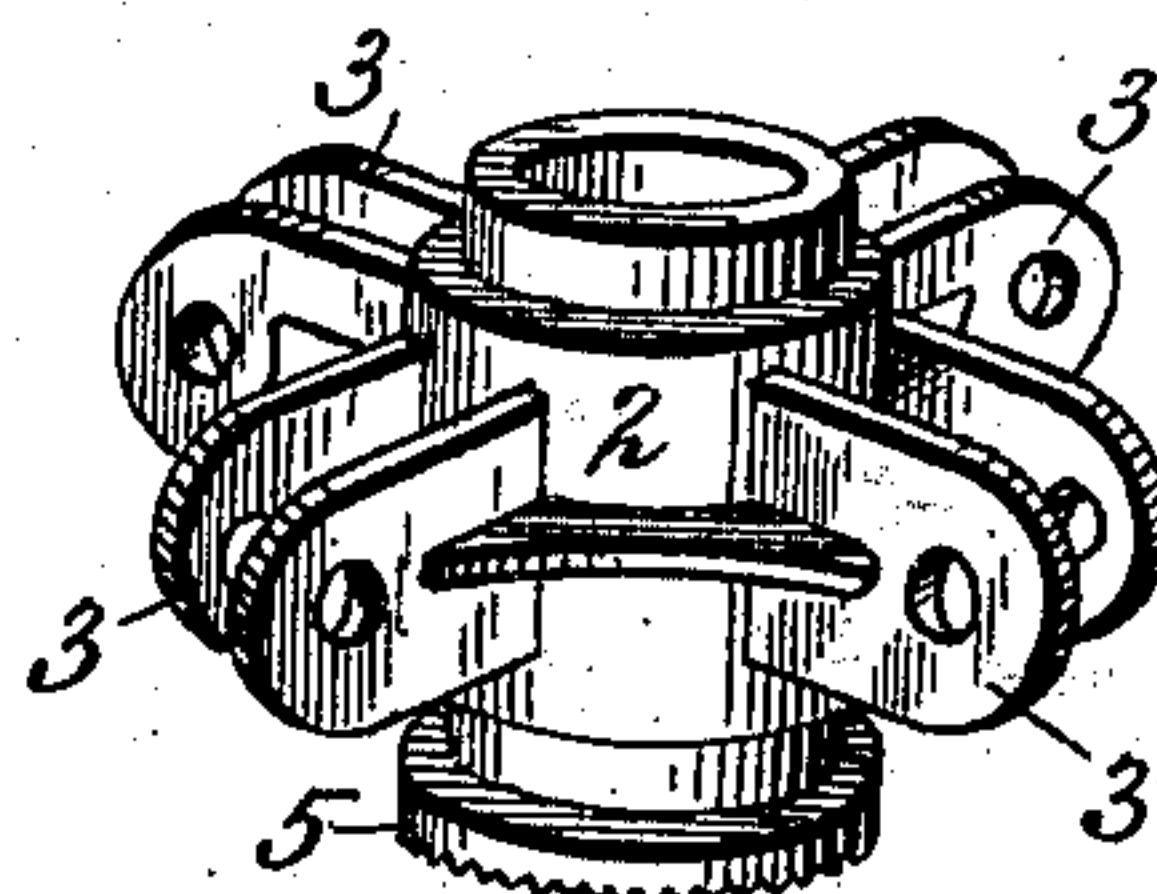


Fig. 3.

WITNESSES:

Frank L. Ouraud.
J. L. Coombs,

INVENTORS:

Frank Overton and
Charles A. McCally,
BY
Louis Duggan & Co.
ATTORNEYS.

UNITED STATES PATENT OFFICE.

FRANK OVERTON AND CHARLES A. McCALLY, OF LA GRANGE, INDIANA.

CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 625,595, dated May 23, 1899.

Application filed January 14, 1899. Serial No. 702,170. (No model.)

To all whom it may concern:

Be it known that we, FRANK OVERTON and CHARLES A. McCALLY, citizens of the United States, residing at La Grange, in the county of La Grange and State of Indiana, have invented new and useful Improvements in Clothes-Driers, of which the following is a specification.

Our invention relates to clothes driers or frames of that class or description which comprise in their structure a vertical post, a rotating and vertically-movable hub mounted thereon provided with lugs, to which are secured radial arms provided with ropes upon which the clothes are hung, and with a rotatable collar at the upper end of the post, provided with cords or ropes, also attached to said arms for supporting the latter, the construction being such that by moving the hub up and down the arms can be unfolded and folded.

The object of the invention is to provide an improved construction of such drier or frame which shall be very efficient in use.

The invention consists in the combination, with the vertical post and the rotatable and vertically-movable hub mounted thereon provided with lugs to receive the radial arms and having a peripheral flange at the lower end, of the collar provided with a set-screw and with opposite lugs overlapping said flange and capable of being adjusted vertically on said post, as hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is an elevation of a clothes drier or frame constructed in accordance with our invention. Fig. 2 is a detail longitudinal section, on an enlarged scale, of the hub and adjustable collar. Fig. 3 is a detail perspective view of the adjustable collar, showing a modified construction. Fig. 4 is a similar view of the hub.

In the said drawings the reference-numeral 1 designates a vertical post, preferably made of gas-pipe, of suitable size and designed to be set in the ground at any convenient point or place. Mounted upon this post is a rotatable and vertically-movable hub 2, provided with lugs 3, to which are secured radial arms 4. Ropes are attached to these arms to receive the clothes to be dried, as usual in devices of this character. At the lower end said hub is formed with a peripheral flange 5,

with which are adapted to engage lugs 6 on a vertically-movable but non-rotatable collar 7, provided with a set-screw 8, by which it is held in place on the post. At the upper end the post is provided with a rotatable collar 9, to which and the arms 4 ropes are secured for holding or sustaining the latter.

In practice the post is set in the ground and the clothes hung upon the ropes secured to the radial arms. These arms and the hub to which they are secured are rotatable for convenience in hanging the clothes and removing them from the drier, obviating the necessity of a person walking around the device, which can be turned so as to bring the clothes within easy reach. By loosening the set-screw connected with the collar the latter can be depressed or elevated, carrying with it the hub and radial arms, so as to fold or unfold the latter. Also by elevating the hub the sustaining-ropes connected with the collar at the upper end of the post can be tightened should they become loose.

In Figs. 3 and 4 we have shown the hub and collar as being provided with intermeshing corrugations and depressions, the object of which is to prevent the hub from moving too freely, as in a high wind, yet allowing it to be turned readily by hand when hanging and taking down the clothes.

Having thus fully described our invention, what we claim is—

In a clothes drier or frame, the combination with the vertical post, the vertically-movable and rotatable hub mounted thereon provided with a peripheral flange at the lower end and with lugs at the upper end, the radial arms, the rotatable collar at the upper end of the post and the ropes, of the vertically-movable non-rotatable collar mounted on the post formed with hooked lugs overlapping the said flange and positively engaging therewith so that said hub cannot move vertically independent of the collar, and the set-screw for holding said collar in place, substantially as described.

In testimony whereof we have hereunto set our hands in presence of two subscribing witnesses.

FRANK OVERTON.
CHARLES A. McCALLY.

Witnesses:

P. D. BALLOU,
JOHN F. BOESINGER.