(No Model.)

W. C. & C. H. CALDWELL.

FOLDING CLOTHES LINE SUPPORTER.

No. 326,623. Patented Sept. 22, 1885.

Fig. 1.

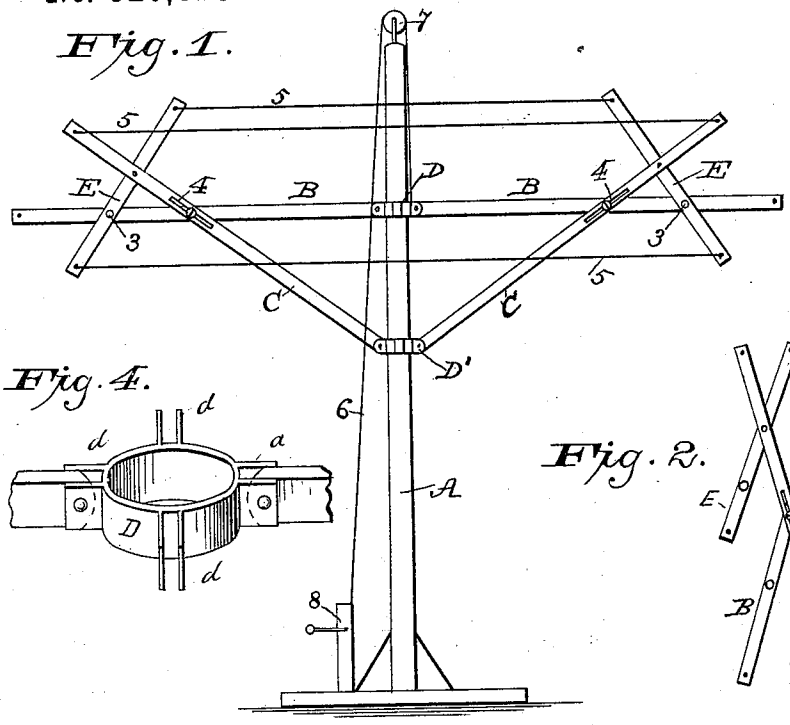


Fig. 4.

Fig. 2.

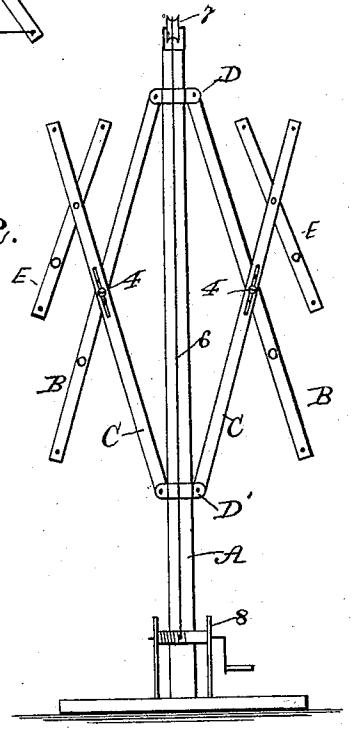


Fig. 5.

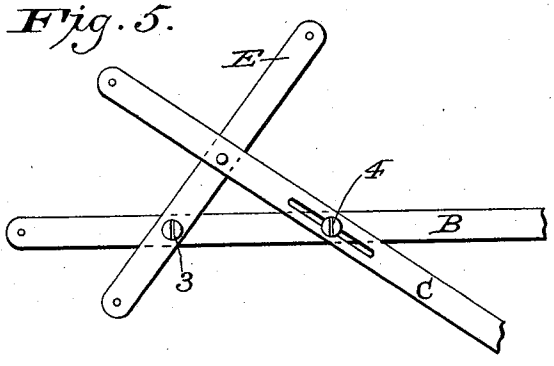
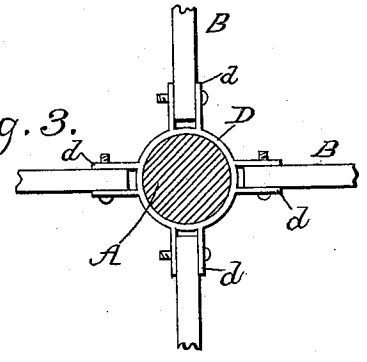


Fig. 3.



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UNITED STATES PATENT OFFICE.

WILLIAM C. CALDWELL AND CHARLES H. CALDWELL, OF MONROE, MICHIGAN.

FOLDING CLOTHES-LINE SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 326,623, dated September 22, 1885.

Application filed May 8, 1884. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM C. CALDWELL and CHARLES H. CALDWELL, citizens of the United States, residents of Monroe, and county of Monroe, in the State of Michigan, have invented a new and useful Improvement in Folding Clothes-Line Supporters, of which the following is a specification.

Our invention relates to a folding clothes-line supporter for use in drying textile fabrics or other material, either in an inclosed space or in the open air.

The object of our invention is to provide a simple and effective apparatus for supporting clothes-lines, capable of extension, when necessary, and of being folded so as to economize room when no longer needed.

Figure 1 represents an elevation of our improved clothes-line supporter, showing one half of the apparatus as extended, the other half being at right angles therewith. Fig. 2 represents an elevation of the device, showing two pairs of arms partially folded. Fig. 3 represents a top plan of the ring-bands, showing manner of attaching the arms thereto. Fig. 4 represents a side view of the ring-band and arms hung therein. Fig. 5 represents a section of the arms, showing cross-bar which locks the arms when opened, and set-screw therein.

Similar figures and letters refer to like parts.

In Fig. 1, A is the supporting-pole; D and D′, the ring-bands thereon. *d d d d*, Fig. 3, are the projecting pieces on said bands between which the arms are loosely bolted. C C are the lower arms, and B B the upper ones. E E are the locking-bars, pivoted to the arms C C, and when the arms are spread secured to arms B B by set-screws 3 3, as shown in Fig. 1.

The arms B B assume a horizontal position when spread, the arms C C crossing them at an angle of about forty-five degrees. They are loosely pivoted at the point of junction 4, a longitudinal slot in either arm allowing sufficient movement for the necessary displacement of the arms when they are expanded or closed. The clothes-lines 5 are supported at the ends of the arms C and locking-bars, as shown in Fig. 1.

The arms are raised or lowered by means of a rope, 6, running over pulley 7, one end of said rope attached to ring-band D, the other wound upon windlass 8 at the base of the pole.

When the arms are to be folded, the set-screw 3 in locking-bar E is detached and the ring-band hoisted to the top of the pole. By this means arms B fall downward, arms *c* move upward, and the locking-bar E, when the two arms are folded against the pole, assumes a position parallel with the arm to which it is pivoted.

By lifting ring-band D while the locking-bar E is secured by set-screw to arm B, it will be seen that the whole mechanism, ready for use, may be carried upward, as convenience may require.

To enable the arms to move freely, washers should be used between them at the points where they are bolted or pivoted together.

We claim as our invention—

A folding clothes-line support consisting of two or more sets of arms, as B C, pivoted together at the point of crossing, as shown and described, said arms pivoted to ring-bands D and D′, respectively, a central supporting-pole, A, upon which the ring-bands have a vertical movement, and locking-bar, E, pivoted to one of the arms and adjustably connected with the other by means of a set-screw, whereby said arms are firmly held in position when opened, and hoisting mechanism, substantially as described.

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