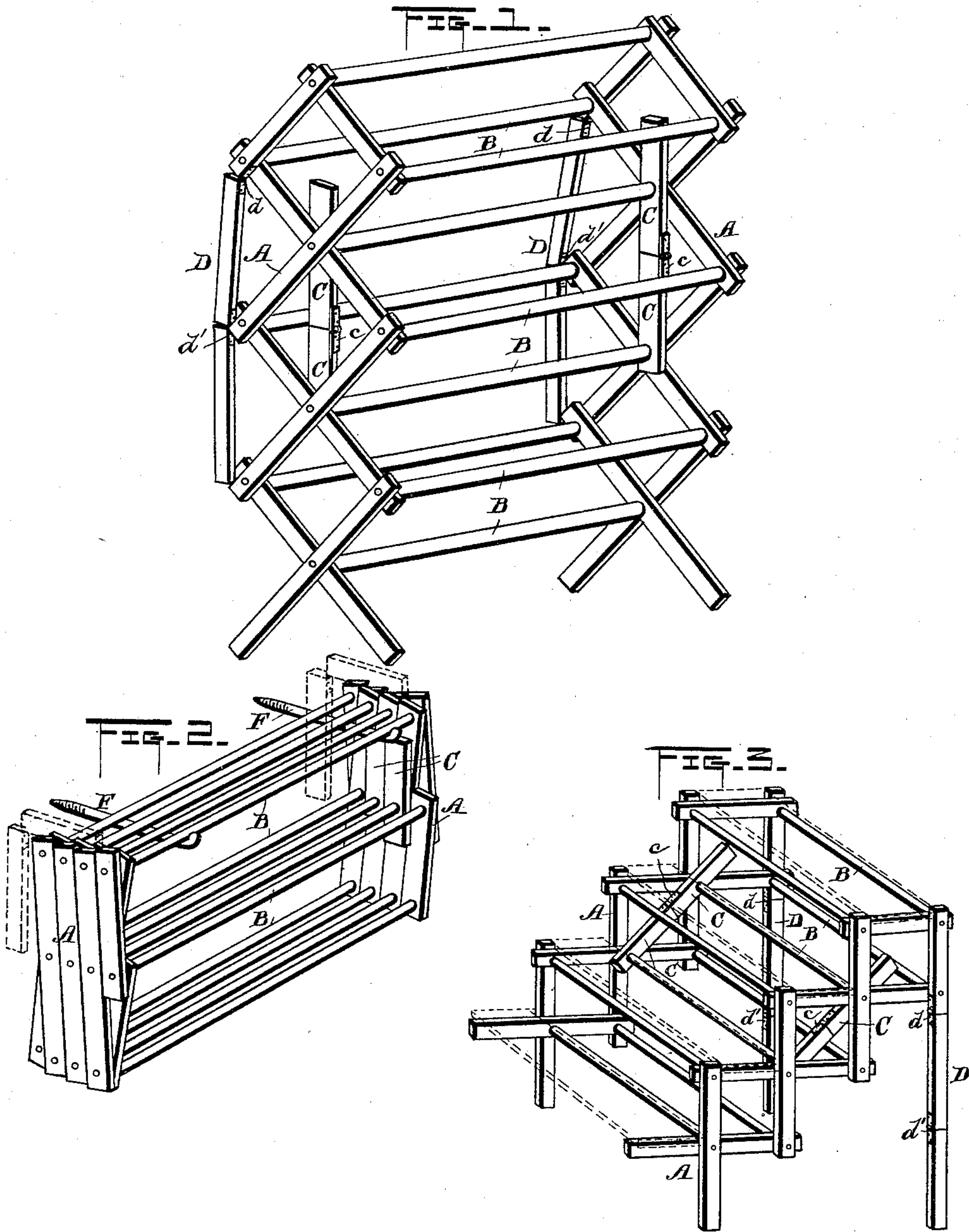


(No Model.)

W. H. LITTLE.
CLOTHES DRIER.

No. 409,642.

Patented Aug. 20, 1889.



Witnesses:
Geverance
W. H. Little

Inventor:
William H. Little
By *F. Deane*
his Attorney.

UNITED STATES PATENT OFFICE.

WILLIAM H. LITTLE, OF PICTURE ROCKS, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO GEORGE E. LITTLE, OF WASHINGTON, DISTRICT OF COLUMBIA.

CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 409,642, dated August 20, 1889.

Application filed July 30, 1887. Serial No. 245,692. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. LITTLE, a citizen of the United States, residing at Picture Rocks, in the county of Lycoming and State of Pennsylvania, have invented certain new and useful Improvements in Clothes-Driers; 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 invention relates to extensible clothes frames or horses, which by their construction are adapted for various other purposes; and it consists in the construction and novel combination of parts hereinafter described, and pointed out in the appended claim.

Figure 1 of the drawings represents the frame when extended vertically to be used as a clothes-drier. Fig. 2 represents the frame folded to be hung against a wall. Fig. 3 represents the same when extended to form a support.

Referring to the drawings, letter A designates the side rails or bars of the frame, those on each side being pivoted together centrally in such manner so to form lazy-tongs; and B B, are the bars or rungs connecting the centers and ends of opposite or corresponding pairs on each side.

C C are short bars pivoted upon two center rungs and having their adjoining ends connected by the hinges c. The said bars are situated on the inner side of the bars A, on each side of the frame, and each pair with its hinge forms a stop, limiting the expansion of the lazy-tongs, which form the sides of the frame, as shown in Figs. 1 and 3. When the frame is extended, as shown, the abutting ends of the vertical bars C lock it in position and prevent it collapsing till the joint formed by the hinge is bent by hand, all weight bearing down on the frame rendering said joint more stiff.

D D are folding legs, each made in two sections, having their adjoining ends connected by the hinge d'. The upper sections of the said legs are connected by the hinges d to the lower ends of the top bars A on one side of the frame, so that by inclining the frame at an angle of about forty-five degrees the

legs will stand vertically and in alignment with said top bars, and the frame will then be in the position shown in Fig. 3. When the frame is entirely folded up, as shown in Fig. 2, it may be hung on parts F, secured to a wall, the legs hanging downward, as shown in Fig. 2.

For transportation the frame may be entirely folded, and the legs folded first thereunder and then upward, in rear of the frame, as shown in dotted lines in Fig. 2, thus occupying the smallest possible space. When the frame is extended vertically, as in Fig. 1, it is obviously in proper position to have clothes hung upon it. When in the position shown in Fig. 2, the rungs B form shelves, which may be used for any convenient purpose. When in the position shown in Fig. 3, boards may be laid upon it, as shown in dotted lines, and it thus is adapted to support a number of series of flower-pots which rise in tiers from the bottom to the top of the frame. In this last position, with the boards upon the frame, it makes a convenient step-ladder, particularly when the legs are placed against a wall or posts so that the hinges d d' cannot bend. The weight upon the frame would, however, tend to prevent them from bending under any circumstances.

I am aware that extensible clothes-frames and frames having lazy-tong sides have been made, and such I do not claim, broadly; but

What I claim, and desire to secure by Letters Patent, is—

The herein-described frame adapted to be used for the described purposes and consisting of the side bars A, pivoted together in pairs, the transverse rungs connecting the ends and centers of opposite pairs of side bars, the stops C, each consisting of two bars and hinge c, and the legs D, each composed of two sections connected by the hinge d' and connected to the top side bar A on one side of the frame by the hinge d, substantially as specified.

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

WILLIAM H. LITTLE.

Witnesses:

J. WESLEY LITTLE,
AMOS B. SPROUT.