

(No Model.)

2 Sheets—Sheet 1.

W. H. FORRESTER.
FOLDING WASHBENCH AND CLOTHES BAR.

No. 518,186.

Patented Apr. 10, 1894.

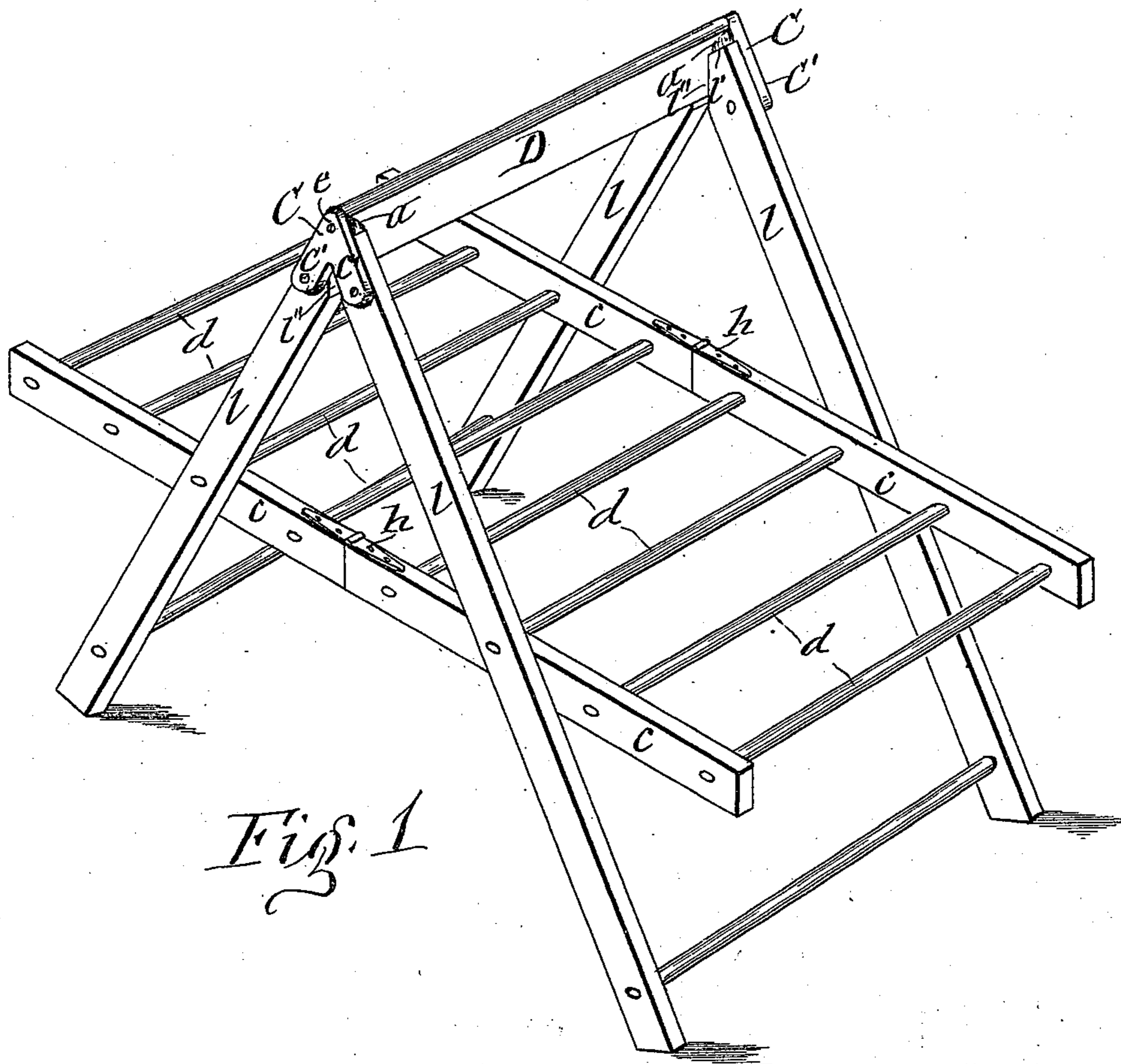


Fig. 1

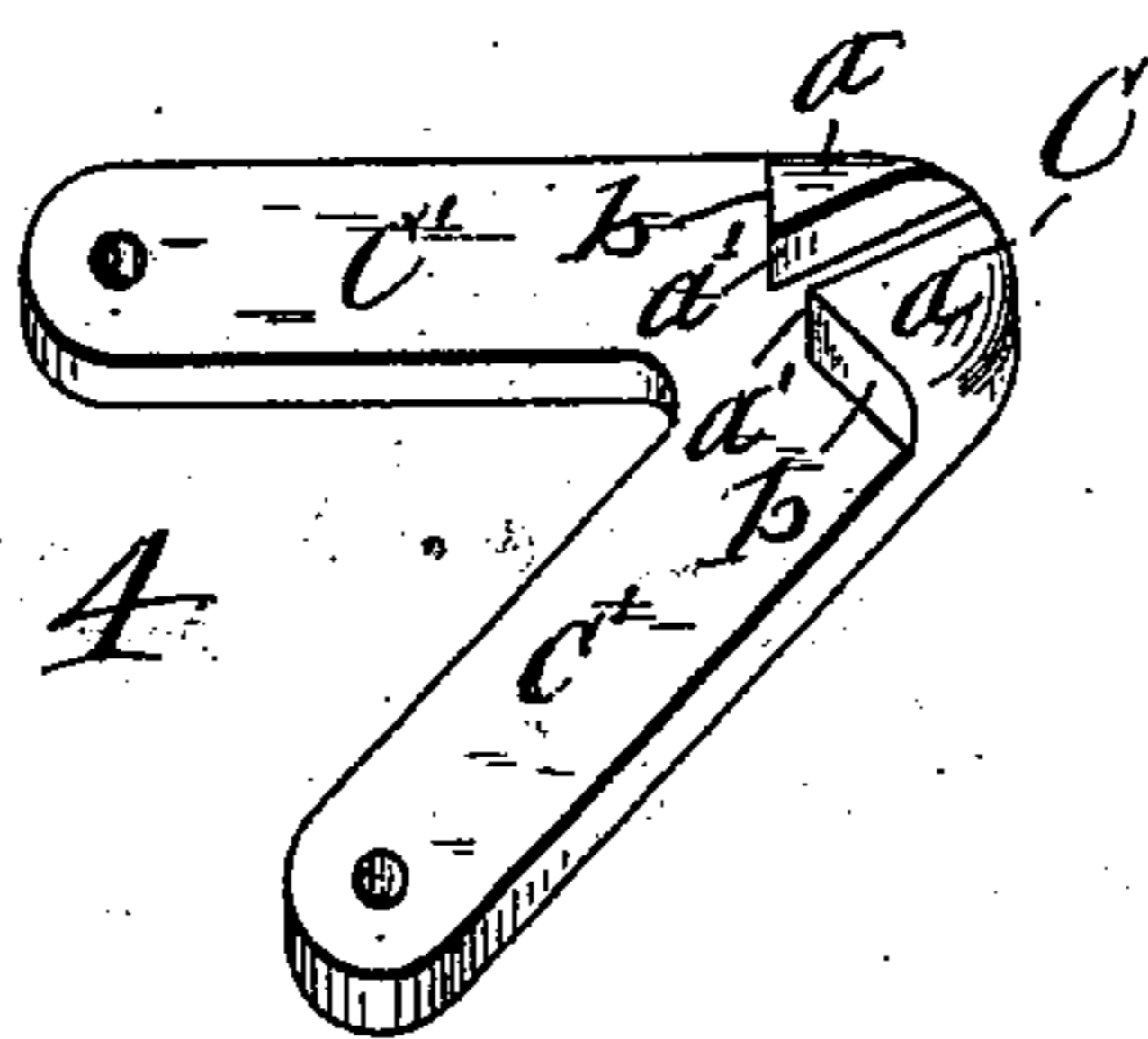


Fig. 4

WITNESSES:

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F. H. Judd

INVENTOR:

William H. Forrester
By E. Laas
his ATTORNEY

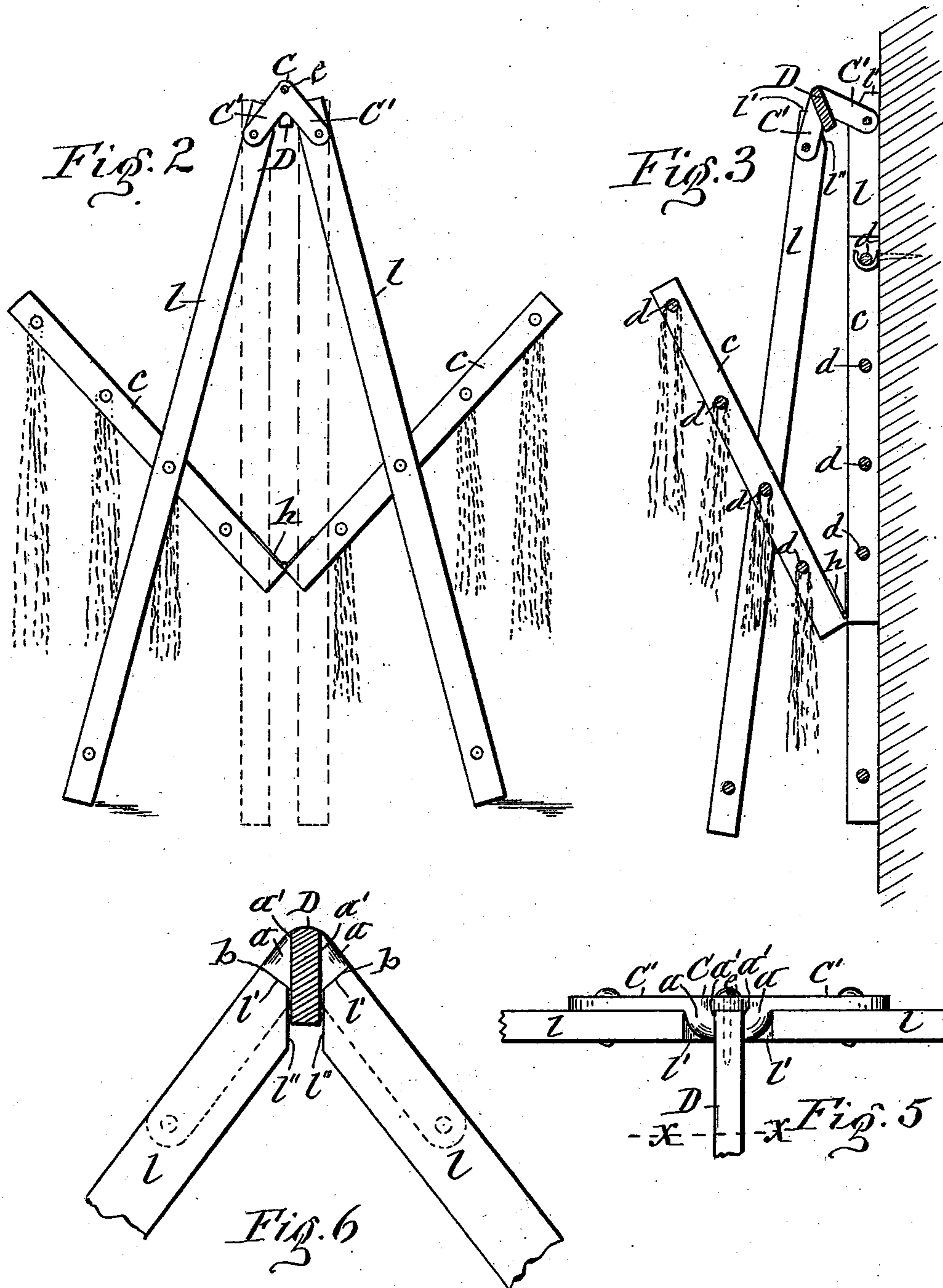
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UNITED STATES PATENT OFFICE.

WILLIAM H. FORRESTER, OF SYRACUSE, NEW YORK, ASSIGNOR OF ONE-HALF TO GEORGE C. HUMPHREY, OF SAME PLACE.

FOLDING WASHBENCH AND CLOTHES-BAR.

SPECIFICATION forming part of Letters Patent No. 518,186, dated April 10, 1894.

Application filed September 8, 1893. Serial No. 485,048. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. FORRESTER, of Syracuse, in the county of Onondaga, in the State of New York, have invented new and useful Improvements in a Folding Washbench and Clothes-Bar Combined, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

10 The object of this invention is to provide a folding structure which shall be simple and inexpensive to manufacture, and capable of being adjusted into different positions to allow it to be used either as a wash-bench, or
15 as clothes-bars, which latter shall be adapted to be either set up on the floor, or hung up in a neat and convenient position for use on a wall, and in each of said conditions possess the requisite stability and utility. And to
20 that end the invention consists in the improved construction and combination of parts hereinafter described and specifically set forth in the claims.

In the annexed drawing Figure 1 is a perspective view of the structure in position for use as a wash-bench. Figs. 2 and 3 are end views of said structure adjusted for use as clothes-bars and showing the same respectively set up on the floor and hung on the wall.

30 Fig. 4 is an enlarged detached perspective view of one of the metallic heads of the structure. Fig. 5 is an enlarged top plan view of said head and positions of the members attached thereto, and Fig. 6 is a vertical transverse section on line X, X, in Fig. 5.

35 Similar letters of reference indicate corresponding parts.

l, l, represent the legs of the structure. These legs are in pairs pivoted at their upper
40 ends to metallic heads —C—C— each of which is formed with divergent arms —C'—C'— and with lugs —a—a— on its inner side, said lugs having vertical walls —a'—a'— on their adjacent sides, and a proper distance apart to receive and hold tightly between them one end
45 of the board —D— disposed vertically edgewise as shown. By means of a screw —G— passing horizontally through the head —C— and into the end of the board —D—, said
50 parts are firmly united. The bases of the lugs

—a—a— are formed with inclined faces or shoulders —b—b— for the purpose of affording end-bearings for the legs —l—l— which are pivoted to the ends of the arms —C'—C'— and terminate with square abutments —l'—l'— and chamfers —l''—l''—. When the structure is set up for use as a wash-bench as represented in Fig. 1 of the drawings, the upper ends of the legs —l—l— abut with their square end-portions —l'—l'— against the shoulders —b—b— of the heads —C—C— and rest with their chamfered portions —l''—l''— against the sides of the board —D—. The legs are thus securely locked on the heads —C—C— so as to prevent the legs from slipping on the floor into a further inclined position, and relieve the pivots of the rails —c—c— on the legs, and the hinged connections of said rails, from tensile strain. To sustain the rails —c—c— in their horizontal position they are formed with vertical abutting faces on their adjacent ends, and are coupled together by hinges —h—h— secured to the tops of the rails, the greater portion of the weight of the wash-tub coming on the outer end portions of the rails —c—c— which are prevented from sagging by the abutments of the inner ends of the rails tied to each other at the top by the hinges —h—h—. The board —D— serves three purposes, viz: first, to tie the top of the structure together; secondly, to afford bearings for the chamfered end-portions —l''—l''— of the legs, and thirdly to support the clothes wringer which is readily clamped thereon in the usual manner. The rails —c—c— at opposite sides of the structure are connected together by rungs —d—d—, two of which are used for pivoting the rails to the legs. These rungs also perform important functions when the structure is adjusted for use as clothes-bars, in which case the clothes are hung on said rungs. The hereinbefore described peculiar construction of the heads —C—C— and attaching ends of the legs —l—l— allow the apparatus to be either set up on the floor in the position shown in Fig. 2 of the drawings, or hung up on the wall as represented in Fig. 3 of the drawings, and in either case serve the function of clothes-bars.

In hanging the clothes-bars on the wall the heads —C—C— swing outward from the vertically supported legs —l—l—, and thereby allow the lower ends of the companion legs 5 with their rails —c—c— to be drawn away from the wall sufficiently to allow the clothes to be hung on the rungs as indicated by dotted lines in the drawings.

When the apparatus is not required for use, 10 it is readily folded up compactly as represented by dotted lines in Fig. 2 of the drawings.

What I claim as my invention is—

15 The metallic heads —C—C— each formed with the divergent arms —C'—C'— and the lugs —a—a— having vertical parallel walls —a'—a'— on their adjacent sides and inclined shoulders —b—b— at their bases, the board —D— inserted with its ends between

the aforesaid lugs and fastened to the heads, 20 —C—C—, in combination with the legs —l—l— pivoted to the free ends of the aforesaid arms and terminated at their upper ends with the abutments —l'—l'— and chamfers —l''—l''—, the rails —c—c— pivoted to the said 25 legs and having vertical abutting ends hinged together at their tops, and rungs —d—d— attached to said rails, all constructed and combined to allow the structure to be adjusted to the various positions hereinbefore described 30 and shown.

In testimony whereof I have hereunto signed my name this 27th day of July, 1893.

WILLIAM H. FORRESTER. [L. S.]

Witnesses:

JOHN J. LAASS,
M. L. MAGUIRE.