

(No Model.)

2 Sheets—Sheet 1.

F. P. HENDRICKS.
CLOTHES DRIER.

No. 484,931.

Patented Oct. 25, 1892.

Fig. 2.

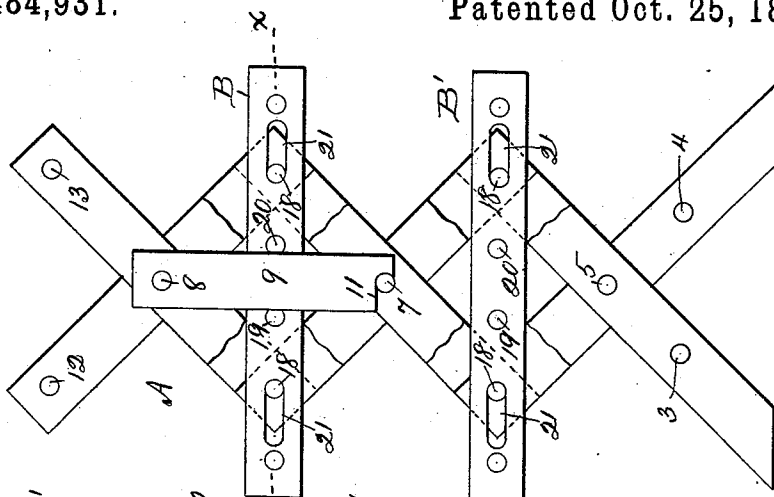
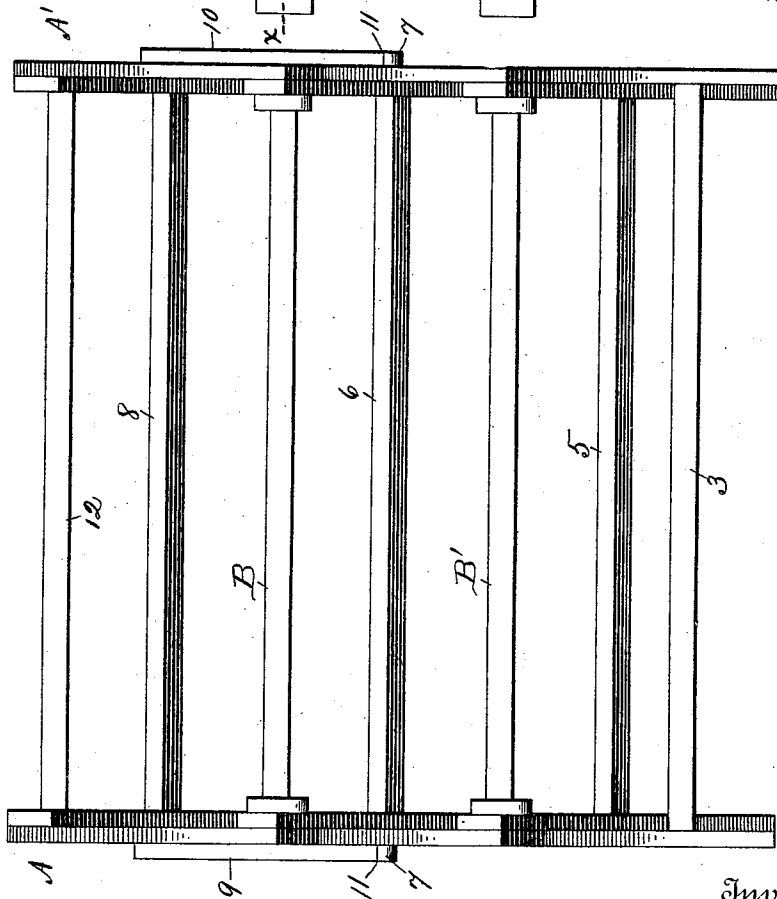


Fig. 1.



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Fig. 3.

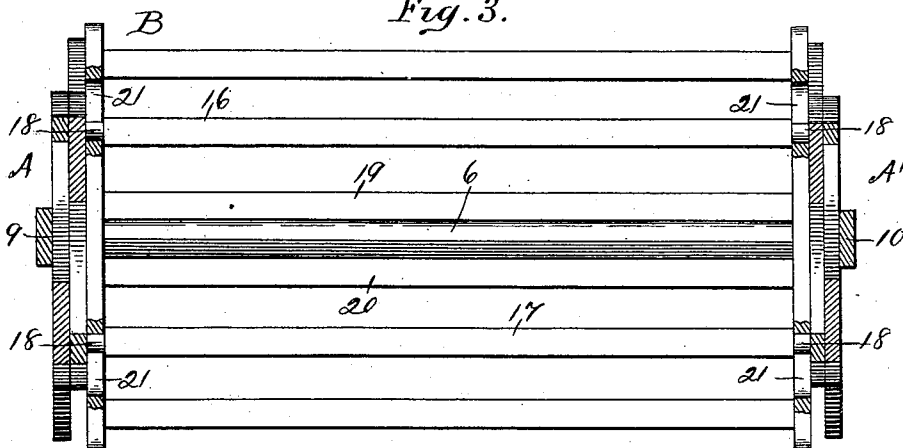


Fig. 4.

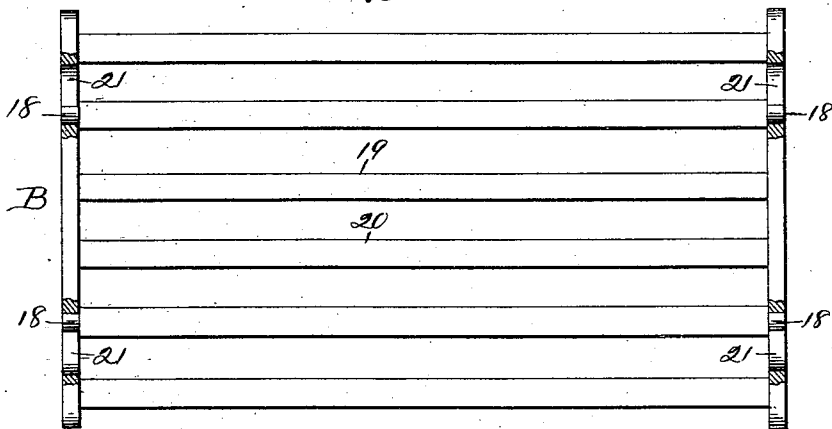
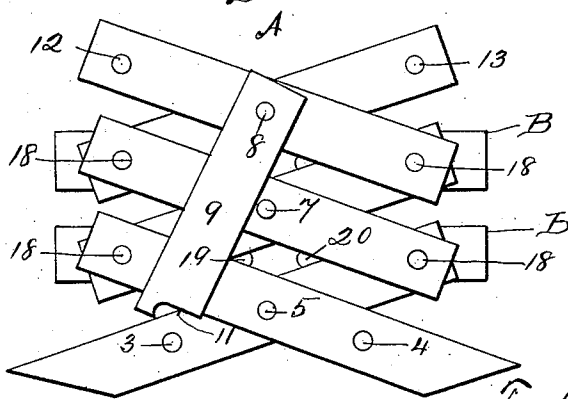


Fig. 5.



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UNITED STATES PATENT OFFICE.

FRANK P. HENDRICKS, OF WINTERBURN, ASSIGNOR OF TWO-THIRDS TO
JOHN S. HOY AND G. W. TOZIER, OF PENFIELD, PENNSYLVANIA.

CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 484,931, dated October 25, 1892.

Application filed January 23, 1892. Serial No. 419,066. (No model.)

To all whom it may concern:

Be it known that I, FRANK P. HENDRICKS, a citizen of the United States of America, residing at Winterburn, in the county of Clearfield and the State of Pennsylvania, have invented a new and useful Clothes-Drier, of which the following is a specification.

My invention relates to improvements in clothes-driers; and the object is to provide a device for the purposes of drying clothes and similar articles which is of cheap construction, convenient in use, of great capacity, and which occupies but little space when in folded or collapsed condition.

In the accompanying drawings, Figure 1 is a side view showing the drier extended and locked against collapsing. Fig. 2 is an end view, the lower levers of the end frames being broken away to show the slots in the end pieces of the horizontal frames. Fig. 3 is a plan view taken on the line *xx* of Fig. 2. Fig. 4 is a detail of one of the horizontal frames removed from the drier, and Fig. 5 is a view showing the drier folded.

A A' designate the end frames of the drier, consisting of extensible levers of the lazy-tongs type or kind, the lower bars of which constitute the legs or supports of the drier. The lower pair of levers are connected by bars 3 4, and also by a bar 5, the end of the bar 5 being projected through the levers at their crossing and serving as bearings on which the levers turn. The bar 6 of the second set of levers has the ends 7, reaching beyond the face of the levers to serve as stops on which the fastening or locking arms engage to hold the levers extended. The bar 8 of the upper set of levers turns on its bearings in the levers and has fixed to the projecting ends thereof locking-arms 9 10, formed with recesses 11 in the lower ends, which when the drier is extended engage with the ends 7 of the bar 6 and hold the drier firmly in extended or elevated position. By making the bar 8 to turn in its bearings and making the locking-arms

rigid with the said bar the drier may be locked in extension from one end and from either end. The upper set of levers are connected by bars 12 13, substantially as shown. The bars 14 15 and 16 17, arranged at the joints of the levers, have bearings 18 made on them at the inner side of the levers, as seen in the drawings, and on these bearings are arranged and mounted horizontal frames BB'. These frames B B' consist of rectangular frames provided with intermediate bars 19 20. In the end pieces of these frames are formed slots 21, which engage on the necks or bearings 18 of the connecting-bars of the levers, substantially as shown in the drawings. The slots 21 are made long enough to permit the joints or ends of the levers to move unimpeded in outward or inward direction during the extension of or return of the drier to folded condition. By mounting these frames on bearings which slide in slots, as specified, the frames are lifted when the levers are extended and dropped when the levers are folded, and by the employment of these frames with the bars the capacity of the drier is greatly increased.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The combination of the extensible frames A A', the connecting-rods 16 and 17, uniting the ends of each set of levers of said frames, said connecting-rods being formed with bearings 18, adjacent to the inner face of the end frames, and the frame horizontally arranged between the extensible frames, having end pieces formed with slots 21 to engage the bearings of the connecting-bars of the end frames, substantially as described.

In witness whereof I have hereto set my hand in the presence of two attesting witnesses.

FRANK P. HENDRICKS.

Attest:

J. S. TORBERT,
J. I. WILLIAMS.