

June 22, 1937.

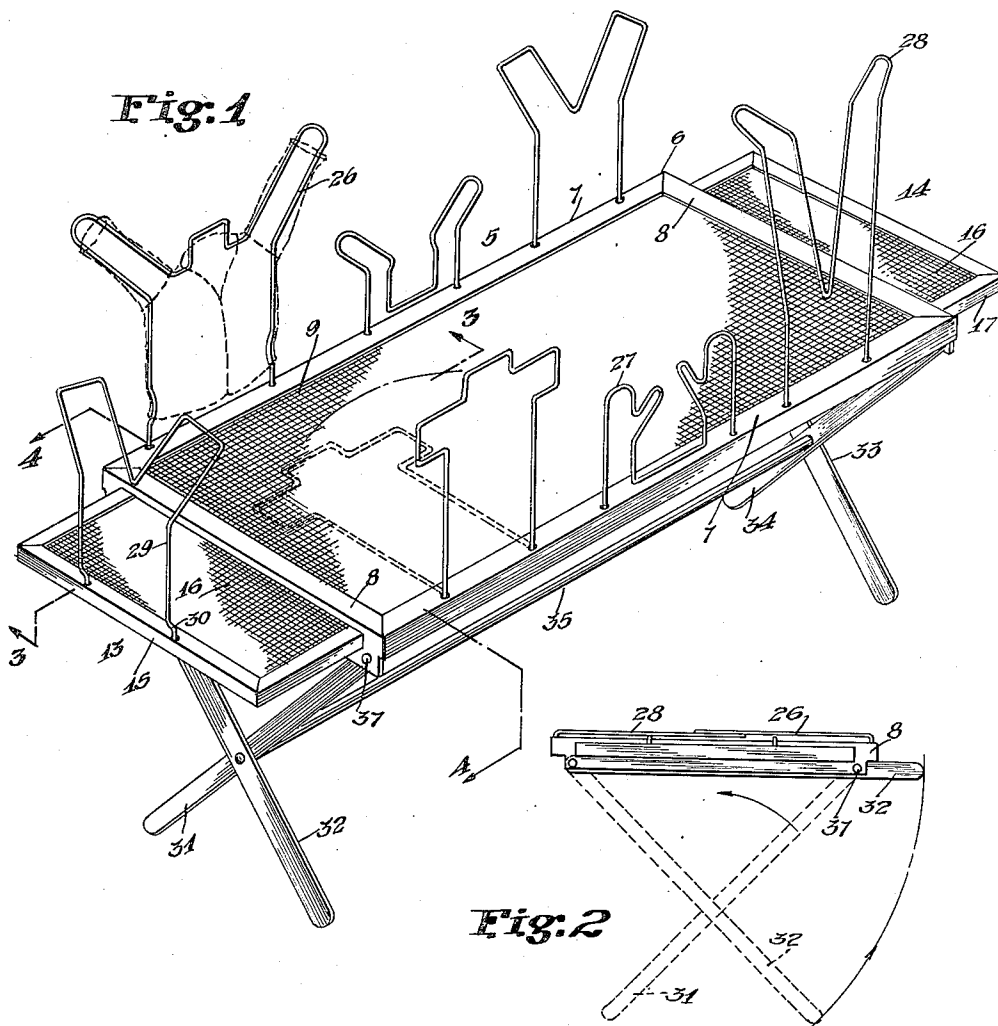
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2,084,854

CLOTHES DRIER

Filed Feb. 28, 1935

2 Sheets-Sheet 1



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2 Sheets-Sheet 2

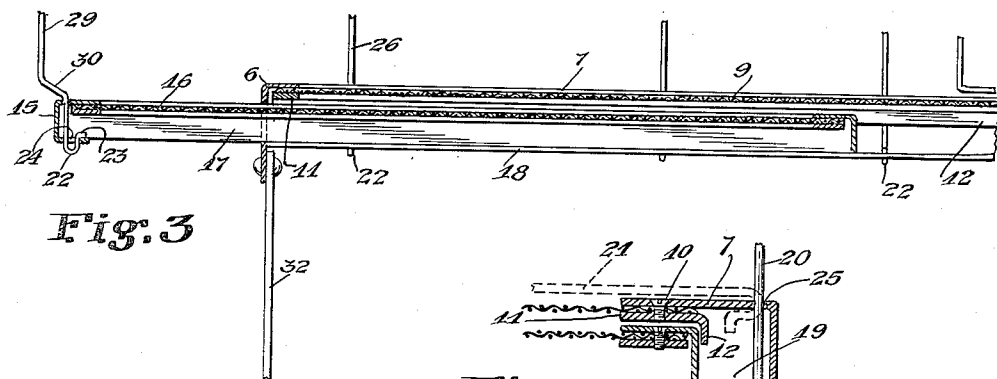


Fig. 3

Fig. 5

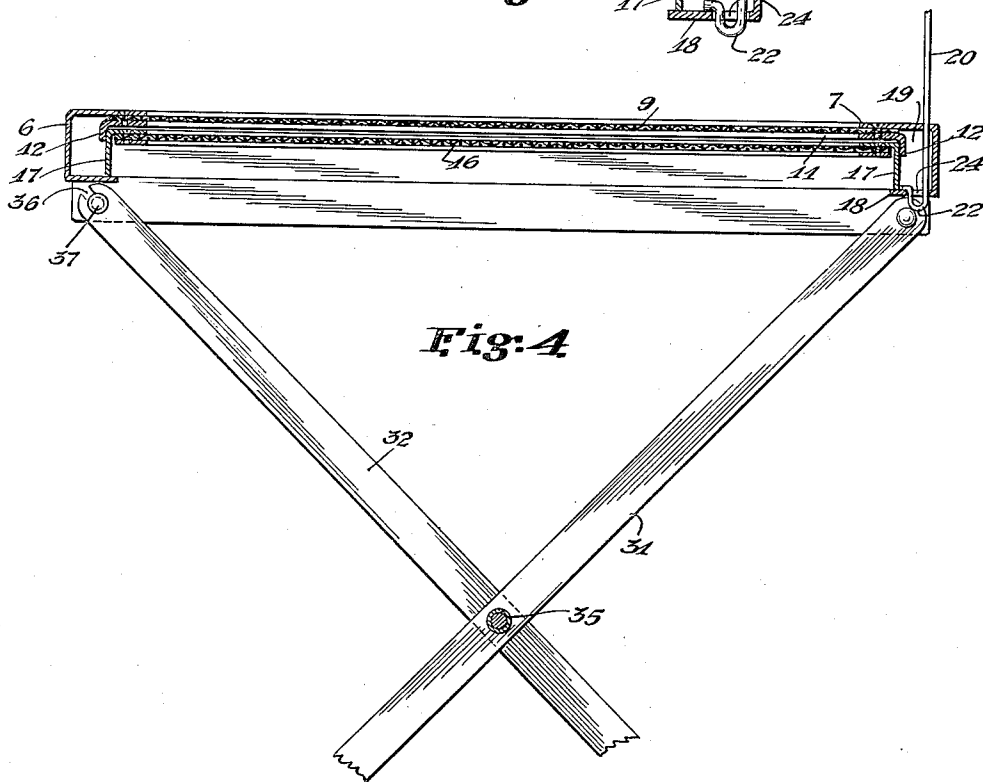


Fig. 4

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CLOTHES DRIER

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5 Claims. (Cl. 34-17)

My invention relates to clothes driers and more particularly, but not necessarily, to a device of this character which is intended for babies' and children's garments.

The usual practice is to hang garments on ropes or lines which are stretched across a room; or to hang them on the backs of chairs, the edges of bathtubs, the tops of radiators, etc. These modes of drying clothes are, moreover, usually carried out in haphazard fashion—they lend themselves to unsightliness and space which could be otherwise used for normal purposes is occupied with garments.

I aim to overcome these inherent disadvantages by the provision of a collapsible table, the top of which is reticulated and the sides of which are equipped with various types of forms depending on the nature of the particular garment which it is desired to dry, these forms being so devised as to permit of their being placed either in a vertical position, when the drier is in use, or in a horizontal position, when the drier is not in use.

To the accomplishment of the recited objects and other co-ordinating therewith the preferred embodiment of my invention resides in the construction and arrangement of parts hereinafter described, illustrated in the accompanying drawings and embodied within the scope of the appended claims.

In the drawings, Fig. 1 is a perspective view of the complete drier.

Fig. 2 is an end elevation of the drier in folded position, the legs being shown in dotted lines.

Fig. 3 is a longitudinal section taken along lines 3-3 of Fig. 1.

Fig. 4 is a transverse section taken along lines 4-4 of Fig. 1.

Fig. 5 is a detailed, transverse, sectional view of one of the channels of the drier top.

Referring more particularly to the drawings for a detailed description of my invention, the numeral 5 designates generally the top of the drier which is shown as being rectangular in shape and comprising an outer frame 6 with side members 7 and end members 8 with a screen or other reticulated material 9 stretched between the side and end members of frame 6, and secured thereto by screws, as 10. These screws pass through the marginal edges of the screen and engage bars 11, and in the case of the longitudinal side members of the frame 6, the outer edges 12 of said bars are deflected downwardly to serve as guides for the end slides 13 and 14. Each slide is constructed in a manner similar to that of the top 5, that is to say, an enclosing frame 15 with an inter-

mediate screen 16 is provided, and in addition the longitudinal side members of each slide member constitute angle irons, the other depending portion 17 of which rests and/or slides on the inwardly extending ledge 18 of the members 7 of the main frame 6.

The depending portion 17 taken in conjunction with the angular structure of member 7 presents a housing 19 therebetween. In this housing are mounted one or more forms as 20, preferably constructed from wire of a suitable gauge and shaped to accommodate different garments. Generally, in a structural sense, the lower extremities of each form are identical, i. e., each extremity 21 terminates in a hook 22 and a lug 23, as best exhibited in Fig. 5 of the drawings. When the forms are in use they occupy a vertical position with the hook 22 extending through slot 24 of ledge 18 and lug 23 resting against the top of said ledge while the upper portion of the lower extremity projects through slot 25. The alternative position of a form is also illustrated in Fig. 5 in dotted lines where it will be seen that the form has been elevated until lug 23 engages the underside of member 7, and while in this position, the form is swung inwardly until it lies flat in parallelism with screen 9. In this way it will be seen that regardless of whether the form is in a vertical or a horizontal position there is no likelihood of the hook 22 or lug 23 catching in one's clothing or other effects.

As before stated, essentially each form has the same characteristics, although the conformation may be varied. For example, upon reference to Fig. 1, it will be seen that form 26 is designed for a shirt; form 27 for a pair of mittens; form 28 for a pair of stockings, etc.

Also, if desired, a form may be mounted on either or both of end slides 13 and 14, although for the purposes of clarity, I have only illustrated this adaptation with respect to slide 13 wherein the numeral 29 designates the particular form. This form is identical with the other forms, excepting that at the lower portion of each extremity the wire is deflected as at 30 to provide for its overriding the main frame 6 when the slide is pushed all the way in.

The entire top 5 with all of its appurtenances is supported by cross end legs 31 and 32, and 33 and 34, with an intermediate brace rod 35. At the top end of each of legs 32 and 33 is a slot 36 which engages an extension 37.

When one wishes to knock down the drier, legs 32 and 33 are disengaged from the projection 37 and the two pairs of legs are folded upwardly

under the top 5, as shown in Fig. 2, thereby producing a very compact arrangement—capable of being stored in minimum space.

The screen elements of the main top 5 and the slides 13 and 14 are adapted to receive blankets or the like, which may be laid out in flattened condition, and if it should be desired to position these blankets against displacement, and assuming that some of the forms are not in use, they can be moved horizontally so that they will engage the blankets.

It will thus be seen that with my invention the operation of drying babies' and children's clothing, blankets and the like is reduced to a matter of extreme simplicity. Moreover, the articles dried, following the contours of the different forms, are properly shaped, and only in exceptional cases require ironing. Then, too, the device in its entirety can be manufactured and sold at a very moderate cost.

In its broader aspects my invention comprises not only the various means shown and described but equivalent means for performing the recited functions. It is desired to reserve the right to effect such changes and modifications as may fairly come within the scope of the appended claims.

I claim:

1. A clothes drier comprising a top, supports therefor, and an end slide telescopically movable with respect to said top, a clothes frame mounted on said slide, said frame being shiftably mounted at its base so as to lie flat against the top when the end of the slide is flush with the adjacent end of the top.

2. A clothes drier, comprising a top, supports therefor, a clothes frame carried by the top, and an end slide movable below the top, said frame having an offset near its base to permit the frame to be moved so as to lie flat against the top when the end of the slide is flush with the adjacent end of the top.

3. A clothes drier comprising a top and supports therefor, the opposite sides of the top having channels, clothes frames disposed along said sides, each of said frames having extremities which operate within said channels and are shiftable from the bottom to the top thereof or vice versa in accordance with whether the frame is desired in a vertical or horizontal position with respect to said top.

4. A clothes drier comprising a top and supports therefor, one side of the top presenting a channel, a clothes frame carried by the top and having a hooked terminal which is shiftable from the bottom to the top of said channel or vice versa in accordance with whether the form is desired in a vertical or horizontal position with respect to the top.

5. A clothes drier comprising a top and supports therefor, one side of the top presenting a channel, said channel having openings in the top and bottom, a clothes frame carried by the top and having hooked terminals which are shiftable from the top openings to the bottom openings or vice versa in accordance with whether the form is desired in a vertical or horizontal position with respect to the top.

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