Feb. 8, 1949. C. T. DE PUY ET AL 2,461,260

INFANT'S FOLDING BATH STAND AND DRESSING TABLE

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Fig. 1

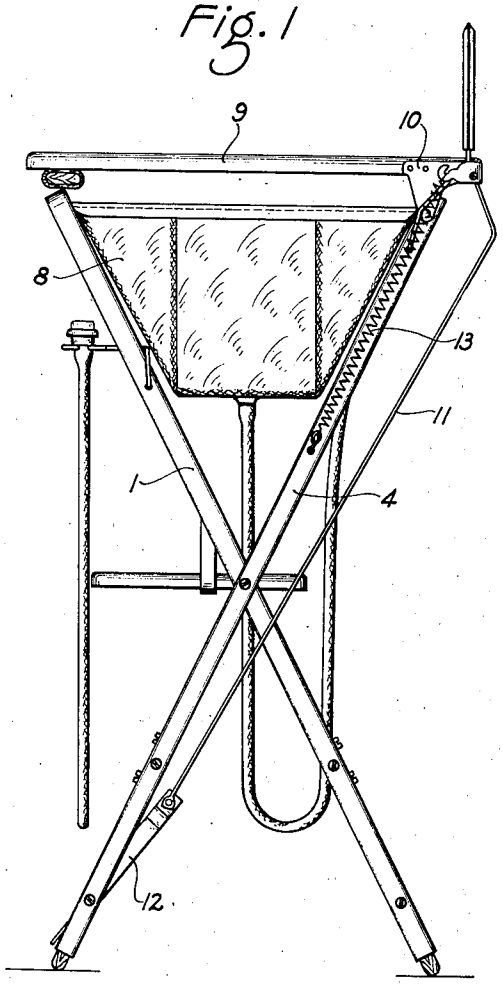


Fig. 5

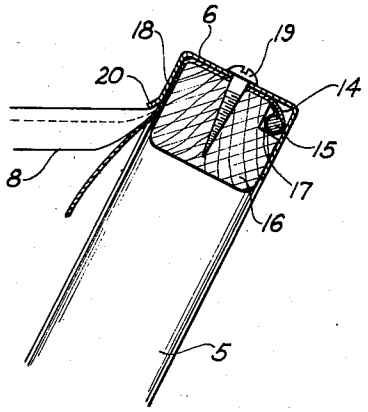
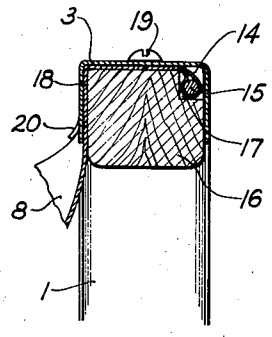


Fig. 6



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Fig. 2

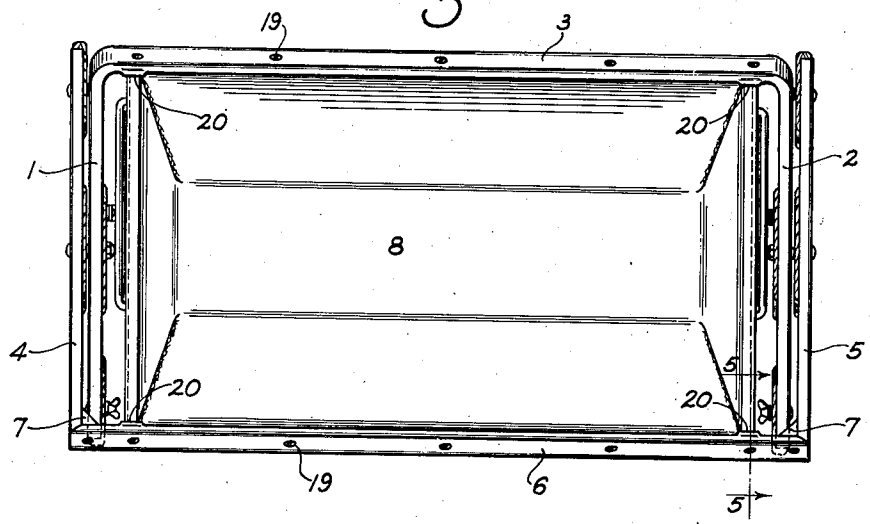


Fig. 3

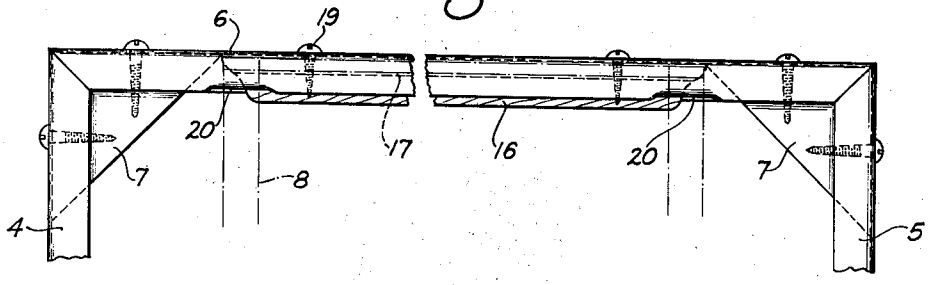
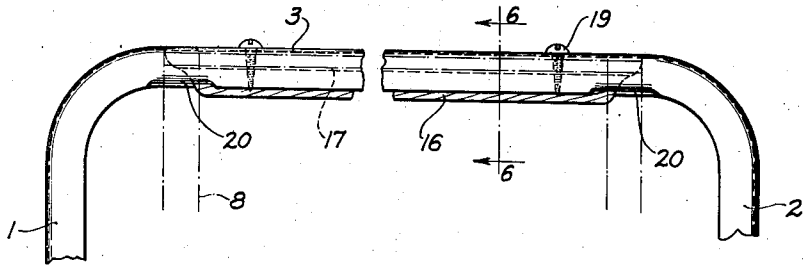


Fig. 4



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2,461,260

INFANT'S FOLDING BATH STAND AND DRESSING TABLE

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Application April 22, 1946, Serial No. 664,132

1 Claim. (Cl. 4—177)

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This invention relates to an infant's folding bath stand and dressing table, with particular reference to the type of construction employing a collapsible cross-legged stand with a flexible tub secured between metal leg-frames, and it has for its purpose to afford a practical and efficient structure for securely fastening the tub to the leg-frames.

The invention has to do more particularly with a construction in which the leg-frame top rails, to which a fabric tub is fastened, are formed of sheet metal having a U-shaped or channeled cross-section, and a more particular object of the invention is to afford means for attaching the fabric tub to U-shaped top rails so that the edges of the tub will be held fixedly and permanently.

A further purpose of the invention is to afford means for attaching the edge portions of a fabric tub within the channels of U-shaped metal top rails in such a way that the fastened portions of the tub cannot loosen, slip, or wear, and the exposed edges of the tub are protected against cutting or wear from the fastening means.

Still another object of the invention is to afford a construction that is simple and economical to produce and which can be readily applied in the assembly of the parts.

To these and other ends, the invention consists in the construction and arrangement of parts that will appear clearly from the following description when read in conjunction with the accompanying drawings, the novel features being pointed out in the claims following the specification.

In the drawings:

Fig. 1 is a view in end elevation of an infant's folding bath stand and dressing table of the general type to which the invention is applicable;

Fig. 2 is a plan view with the dressing table omitted;

Fig. 3 is an enlarged view in front elevation of the upper part of the rear leg-frame;

Fig. 4 is a similar view of the upper part of the front leg-frame;

Fig. 5 is an enlarged cross-section on line 5—5 of Fig. 2 looking in the direction indicated, and

Fig. 6 is an enlarged cross-section on line 6—6 of Fig. 4.

Referring more particularly to the drawings in which like reference numerals refer to the same parts throughout the several views, 1 and 2 designate the legs and 3 the top rail of the front leg-frame which is formed of metal of U-shaped or channeled cross-section with the channels facing

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inwardly and the legs and top rail preferably formed of a single piece of sheet metal stock, while 4 and 5 designate the legs and 6 the top rail of the rear leg-frame which is also formed of metal and is of U-shaped or channeled cross-section, the legs 4 and 5 being preferably constructed of separate pieces and joined to the top rail 6 at the corners by means of wooden blocks 7 inserted within the channels and fastened to the legs and top rail.

8 designates a tub of rubberized fabric or other suitable flexible material secured between the leg-frames and collapsible therebetween when the latter are folded, while 9 designates a dressing table pivotally mounted on the rear leg-frame by means of the hinge plates 10 and movable either to a horizontal position when in operation, to an upright position when the tub is in use, or to a downwardly folded position forwardly of the front leg-frame when the stand is collapsed. The dressing table can be moved from upright to horizontal position by the actuating rod 11 that is pivotally connected to an extension on one of the hinge plates 10 and suitably operated by a treadle 12 pivoted to one of the legs, while 13 designates a spring secured at one end to an extension on one of the hinge plates 10 and at the other end to a fastening device on the adjacent leg, and functioning to hold the table either in horizontal or upright position.

The parts thus far described are disclosed in copending application Ser. No. 664,133, filed April 22, 1946, and the present invention has to do particularly with the structure for securing the collapsible fabric tub to the top rails of the leg-frames as will now be described in detail.

The edge portions of the fabric tub 8 are secured within the channels of the metal top rails, and to this end the tub is provided at its front and rear edges with a hem or longitudinally extending loop 14, within which are secured rope elements or other interlocking devices 15 of enlarged cross-section of such diameter as to form enlargements at the edges of the tub extending throughout its length. 16 designates a wooden clamping strip for each top rail, provided along its upper, outer edge with a recess or rabbetted portion 17, within which is positioned the adjacent edge portion of the tub with its hem 14 and rope element 15, affording an interlocking connection with the clamping strip when the latter is fastened in the channel.

The front and rear edge portions of the tub indicated at 18 are secured between the metal

top rail 6, or the top rail 3 in the case of the front leg-frame, and the wooden clamping strip 16, which fits snugly within the metal top rail and is securely held by the fastening screws 19. Thus the rope and rope-containing loop portion at the edge of the tub constitutes an interlocking means within the recess 17, and effectually prevents the fastened edge portion of the tub from becoming loose, slipping, or tearing, and once the tub is secured in place, it is held premanently throughout the life of the fabric. The tub can be quickly assembled by positioning an edge portion over the wooden clamping strip 16, with the enlarged or hem-enclosed rope element arranged within the recess 17, and inserting the parts while in this position into the channel of the top rail, after which the fastening screws 19 are secured in place.

While the front and rear walls of the tub extend downwardly, as indicated in Figs. 5 and 6, the end walls extend crosswise under the inner edge of the top rail, and in order to prevent cutting or wear on the adjacent portions of the end edges of the tub, the top rails are provided with outwardly flaring portions 20 in line with the end walls of the tub, as shown in Figs. 3 to 6. Thus the top edges of the end walls can extend horizontally under the bottom edges of the top rails without wear or cutting of the end walls of the tub.

It will be understood that the tub is similarly fastened to the top rails of both the front and rear leg-frames and can thus be quickly assembled and securely held. The edges of the tub are concealed under the top rails and locked in place in a manner that effectively prevents loosening of any portion of the tub in relation to the leg-frames, and this structure makes it possible, when a tub becomes excessively worn or damaged, to replace it easily by simply removing the fastening screws 19 from the wooden clamping strips 16 and attaching a new tub in the manner already described.

While the invention has been described with

reference to the particular construction herein disclosed, it is not confined to the details illustrated, and this application is intended to cover such modifications or departures as may come within the purposes of the invention and the scope of the following claim.

We claim:

In a folding cross-legged bath stand, the combination with leg-frames including metal top rails of U-shaped cross-section with the open channels facing downwardly, of a flexible tub having its front and rear edge portions arranged in said channels and engaged with three walls of said channels, wooden clamping strips fitting closely in said channels against the edge portions of the tub, the clamping strips having longitudinally extending recesses at their upper outer edges, the front and rear edges of the tub being provided with longitudinally extending hems, rope elements arranged in said hems, the hems and rope elements being located in said recesses and retained by the corner portions of the U-shaped top rails, fastening devices extending through the top rails and edge portions of the tub into said clamping strips, and flaring portions on the inner walls of said top rails extending away from the clamping strip at points above the side edges of the tub.

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