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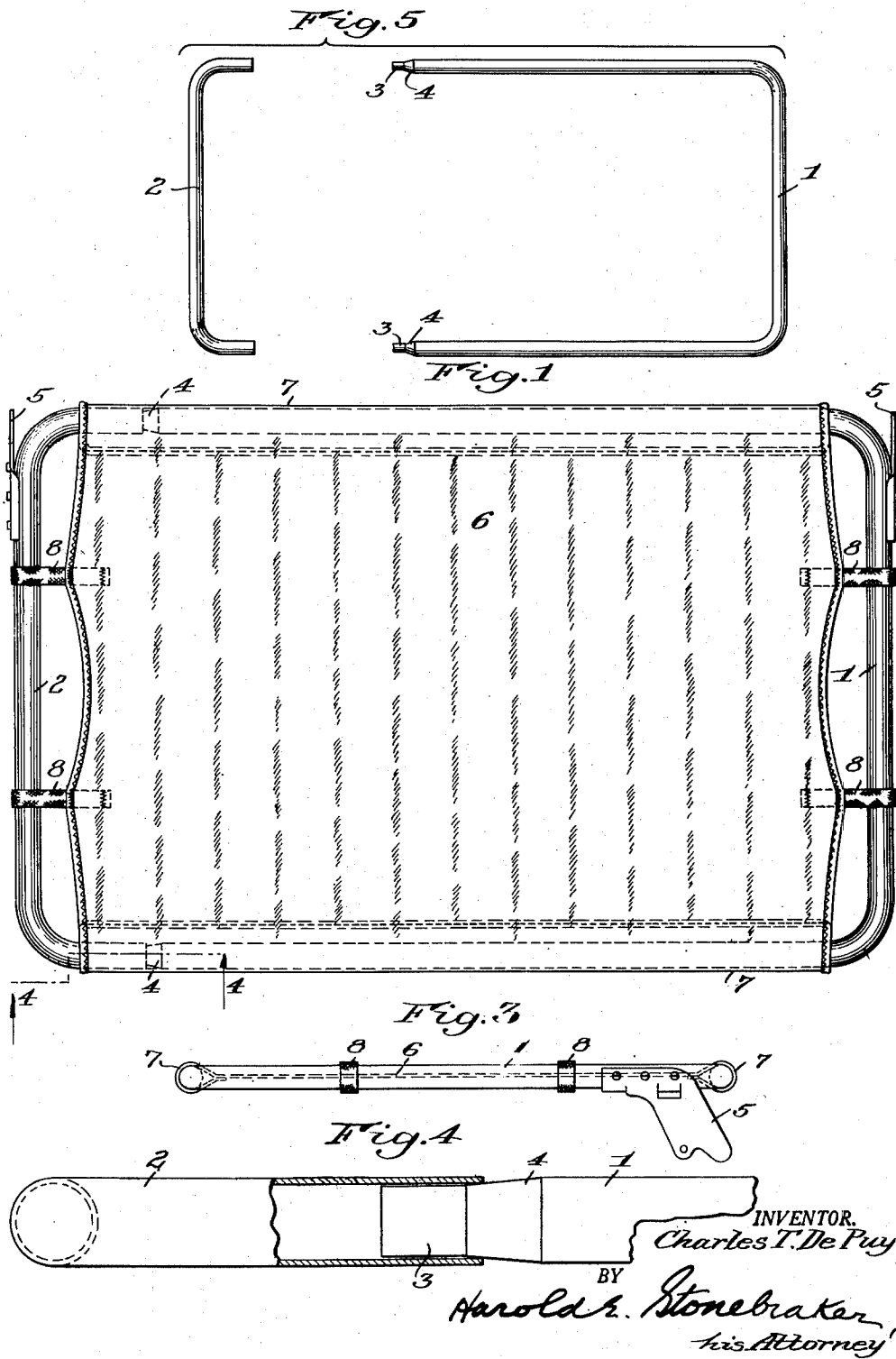
C. T. DE PUY

2,532,837

DRESSING TABLE FOR INFANT'S BATH STAND

Filed March 4, 1948

2 Sheets-Sheet 1



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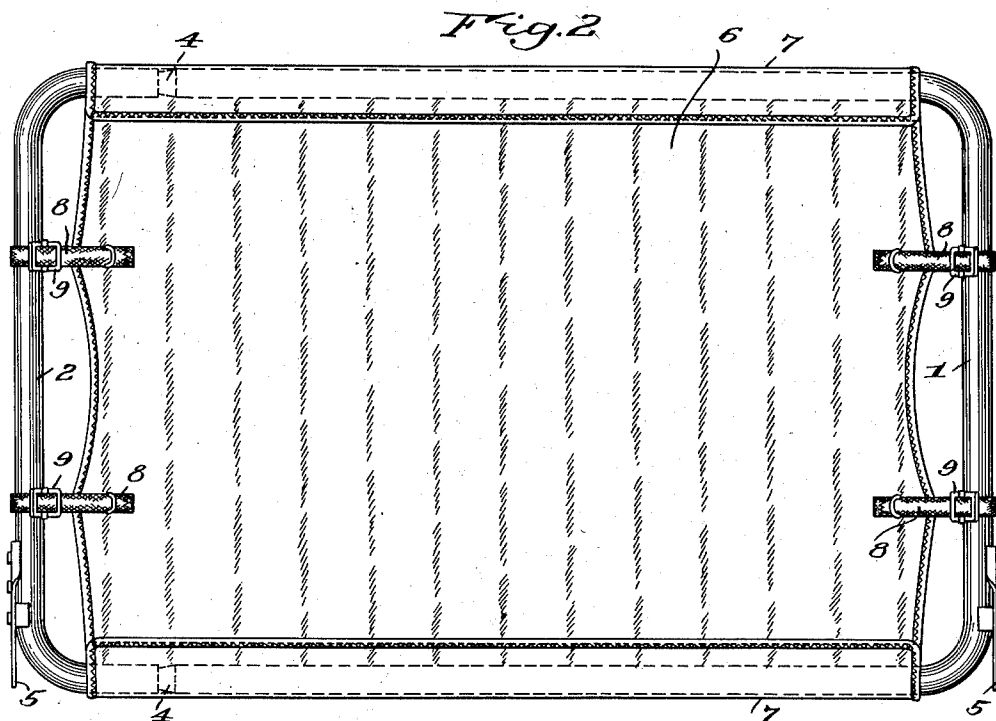
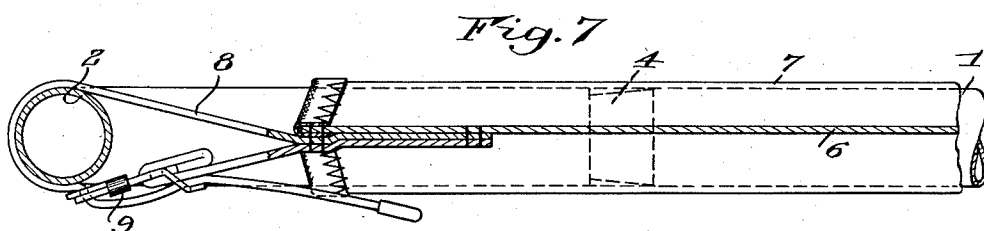
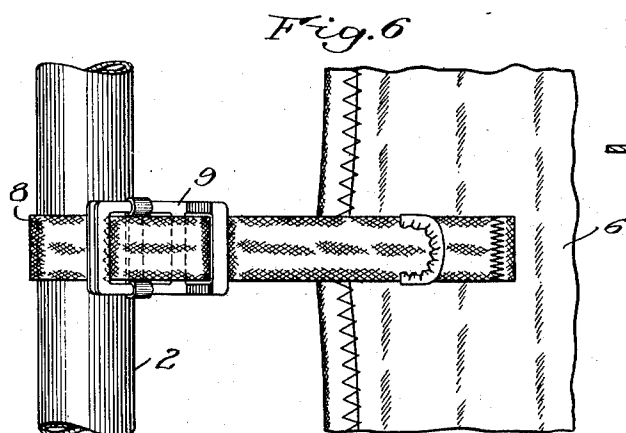
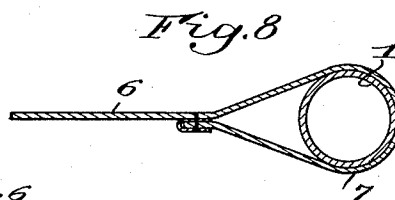
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DRESSING TABLE FOR INFANT'S BATH STAND

Filed March 4, 1948

2 Sheets-Sheet 2



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2,532,837

DRESSING TABLE FOR INFANT'S BATH
STANDCharles T. De Puy, Brighton, N. Y., assignor to
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Application March 4, 1948, Serial No. 13,062

1 Claim. (Cl. 311-106)

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This invention relates to a dressing table for an infant's bath stand of the general type including a folding stand and a rectangular supporting frame to which is attached a sheet of fabric, and it has for its purpose to afford a durable, lightweight construction that can be economically manufactured, readily assembled, and the parts held securely and permanently in the desired relationship.

More particularly, the invention has for its object to afford a structure especially adapted to a cylindrical tubular metal supporting frame on which the flexible canvas or fabric is mounted in such a way that the fabric element can easily be attached to the metal frame and is firmly held in place in a manner that insures a taut fabric table having maximum resistance to sag.

Another purpose of the invention is to provide a two-part tubular metal frame with the two parts of the frame in telescoping relationship when operatively assembled in relation to the fabric element, which in turn is attached to the metal frame in such a way as to hold the telescoping members in fixed relation to each other and prevent accidental displacement, while permitting tightening of the fabric element if desired or its ready removal from the tubular metal frame when necessary.

Still a further object is to afford a practical and efficient arrangement employing integral cylindrical tubular metal members to form the supporting frame, and which can be economically manufactured and easily and quickly assembled.

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 claim following the specification.

In the drawings:

Fig. 1 is a plan view of a dressing table to be used in connection with an infant's collapsible bath stand and constructed in accordance with a preferred embodiment of the invention;

Fig. 2 is a bottom plan view of the same;

Fig. 3 is a view in end elevation looking from right to left of Fig. 1;

Fig. 4 is an enlarged detail sectional view on line 4-4 of Fig. 1;

Fig. 5 is a plan view of the cylindrical tubular metal supporting frame showing the two members of the frame separated before assembly;

Fig. 6 is an enlarged detail bottom plan view, with parts broken away, showing one of the fas-

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tening straps which secured the fabric element to the end of the tubular metal frame;

Fig. 7 is an enlarged detail sectional view taken centrally through the fastening strap illustrated in Fig. 6, and

Fig. 8 is an enlarged detail sectional view taken transversely at one side of the fabric element.

Referring more particularly to the drawings in which like reference numerals refer to the same parts throughout the several views, the invention is illustrated as embodying a metal supporting frame consisting of two separable U-shaped members; each formed of a cylindrical metal tube and one telescoping within the other when in operative relation to the fabric or canvas element, which is secured to the frame in such a manner as to maintain the U-shaped frame members in rigid relation to each other and with the fabric element stretched tightly thereon.

Referring to Fig. 5, the metal supporting frame comprises two U-shaped members 1 and 2, each formed of cylindrical metal tubes and bent to afford rounded corners as shown. The member 1 includes elongated legs or sides provided with cylindrical terminal portions 3 of reduced diameter, each of which is connected with the body of the leg by a tapered portion 4, while the U-shaped member 2 is provided with short legs or sides that receive the terminal portion 3, which acts to guide the members together during assembly, while the tapered portion 4 wedges against the edge of the end of the leg of the member 2 and fits tightly therein, as illustrated in Fig. 4. The U-shaped members 1 and 2 are provided with metal hinge plates 5 suitably attached thereto and adapted to support the dressing table in hinged relation on a collapsible bath stand, not shown, as usual in the art of baby bath stands.

Supported by and within the tubular metal frame is the fabric or canvas element 6 that is provided with hems or tubular portions 7 along its opposite sides to receive the legs of the tubular supporting frame, while 8 designate adjustable straps or fastening devices fastened to the ends of the fabric element and arranged to extend around the ends of the tubular metal frame. The straps 8 are provided with buckles 9 for tightening the fabric element on the frame, and act to draw the two telescoping frame members tightly together and also to retain the fabric element therein in taut relation.

In assembling the device, the elongated legs of the member 1 of the tubular frame are threaded through the tubular portions 7 of the

fabric element 6, which is pushed back on to the legs of the member 1 until the terminal portions 3 are exposed to permit inserting the latter into the legs of the frame member 2, with the ends of its legs surrounding the terminal portions 3 and gripped by the tapered portion 4, as shown in Fig. 4. The fabric element is then pushed back over the short legs of the metal frame member 2 to the position shown in Figs. 1 and 2. The straps 8 are then extended around the ends of the metal frame member 1 and drawn tightly by the buckles 9 to stretch and fasten the fabric element on the frame as shown.

The straps 8 can be tightened to hold the fabric element securely against sagging on the supporting frame while acting at the same time to hold the two U-shaped members of the supporting frame in tight relation, and as the fabric element becomes wet and shrinks, it exerts even a greater pull on the straps 8 and holds the telescoping members of the supporting frame in rigid relationship through the wedging action of the tapered portions 4 of the elongated legs of member 1 which engage the inner edges of the ends of the short legs of the member 2.

If desirable at any time, the straps 8 can be tightened further to stretch the fabric element to a greater extent, and if it becomes necessary to renew the fabric element, by releasing the several straps 8 the two frame members 1 and 2 can be forcibly separated and the fabric element removed.

Thus there is provided a structure that enables the use of a tubular cylindrical metal frame with rounded corners in which the fabric element can be attached readily and the entire assembly can be manufactured and put together at a minimum cost, while affording a table that is pleasing to the eye, extremely rigid, efficient, strong, durable, and one that does not sag and is peculiarly adaptable to a collapsible bath stand in which the leg frames are also formed of cylindrical metal tubular stock.

While the invention has been described with reference to the particular construction shown herein, it is not confined to the details illustrated, and this application is intended to cover such additional modifications or changes as may come within the purposes of the improvement or the scope of the following claim:

I claim:

A dressing table for an infant's bath stand consisting of a supporting frame composed of two U-shaped members each of which has rounded corners and is in the form of a one-piece cylindrical metal tube, one of said U-shaped members having elongated legs extending nearly the length of the frame and the other of said U-shaped members having short legs which terminate in proximity to one end of the frame, a one-piece fabric element extending across the frame between said legs and having hems at its front and rear edges through which said elongated and short legs are threaded, the legs of one of said U-shaped members having cylindrical terminal guiding portions of reduced diameter which telescope within the legs of the other U-shaped member and tapering portions adjacent said terminal portions which tightly engage the edges surrounding the openings in the legs of said other U-shaped member, said fabric element extending over the telescoping joints between the legs of the U-shaped members to points in close proximity to the ends of the frame, said U-shaped members being of uniform diameter throughout except at said terminal and tapered portions, and adjustable fastening devices at the ends of the fabric element connected to the ends of the frame and operating to draw said U-shaped members of the frame toward each other to hold them in tight engagement with one another and to hold the fabric element stretched tightly on the frame.

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