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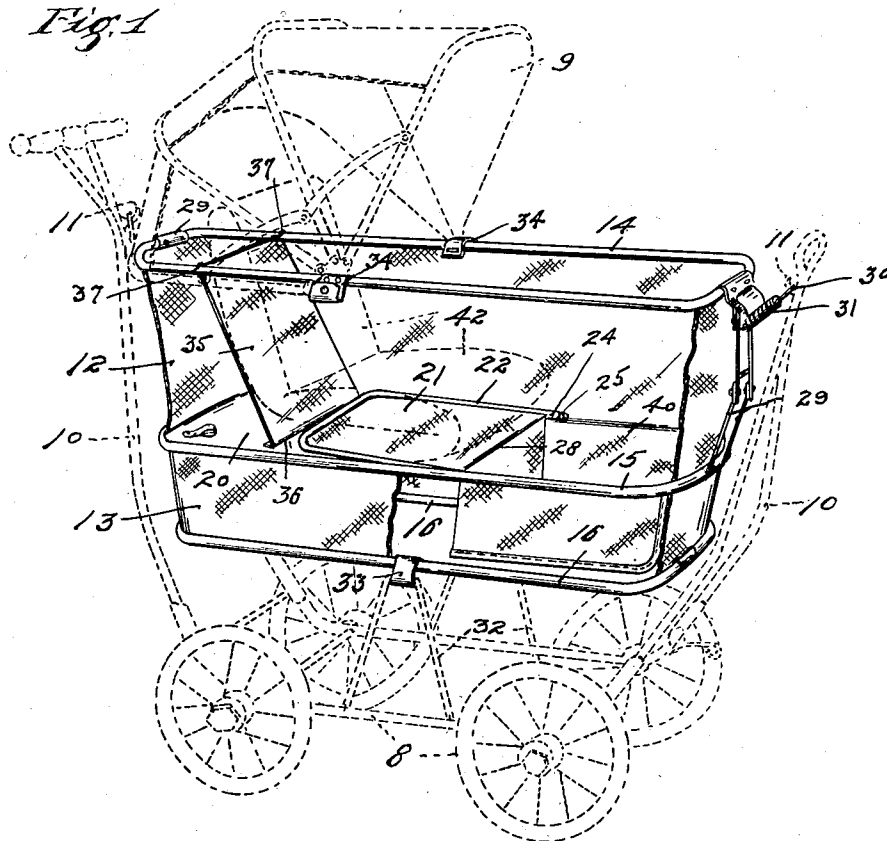
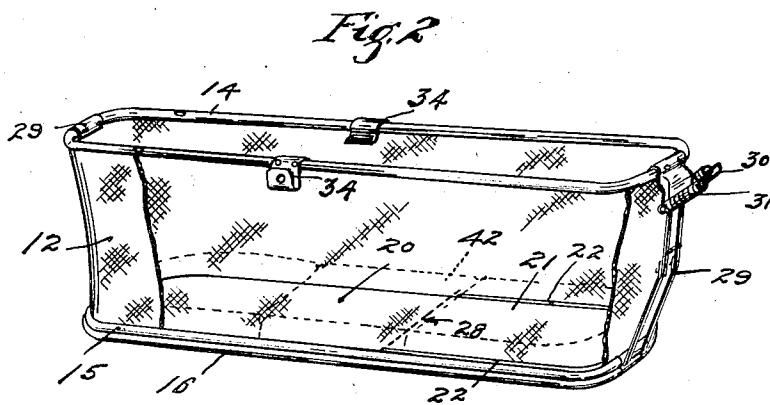
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2,277,406

BASSINET AND FOOT WELL

Filed Feb. 12, 1940

3 Sheets-Sheet 1



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March 24, 1942.

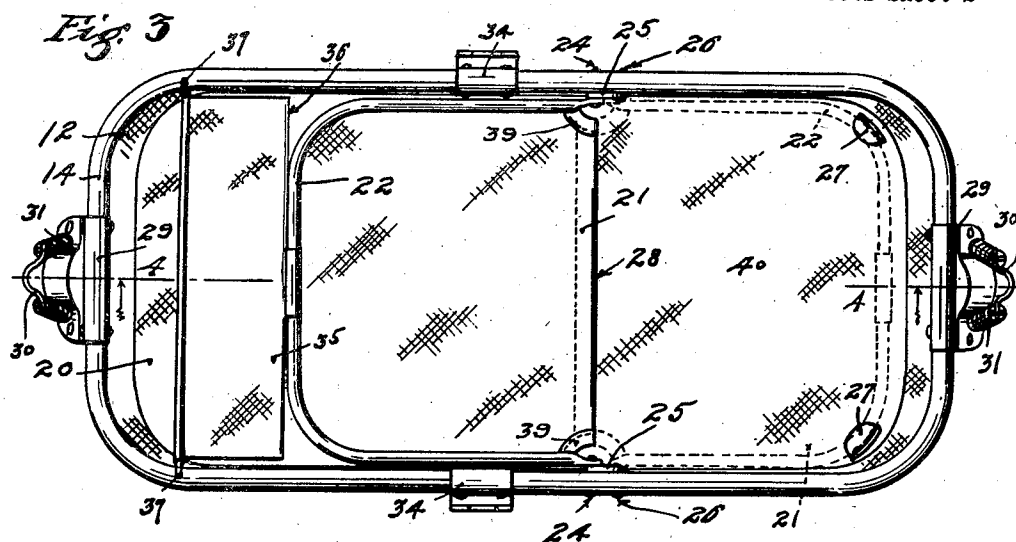
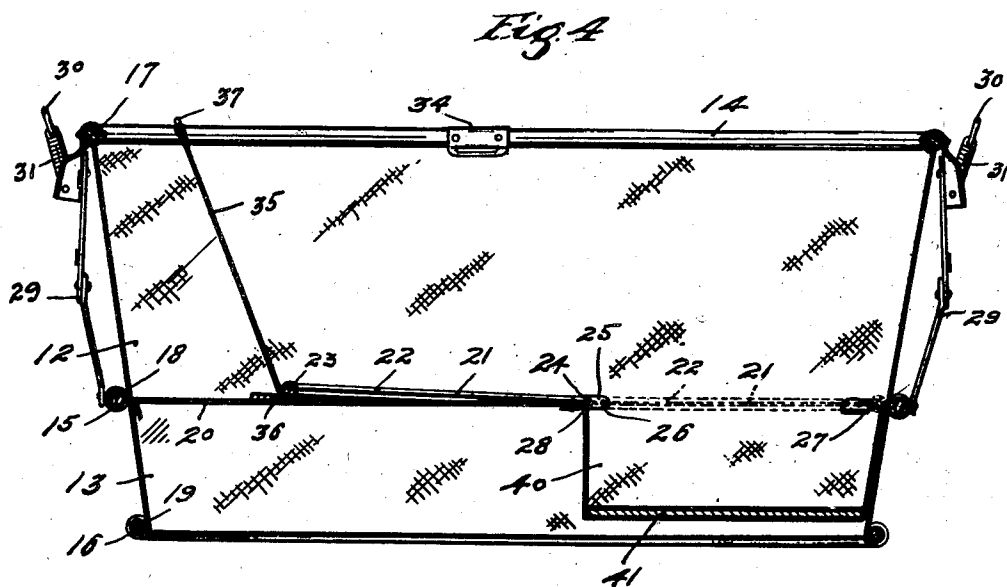
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BASSINET AND FOOT WELL

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3 Sheets-Sheet 2



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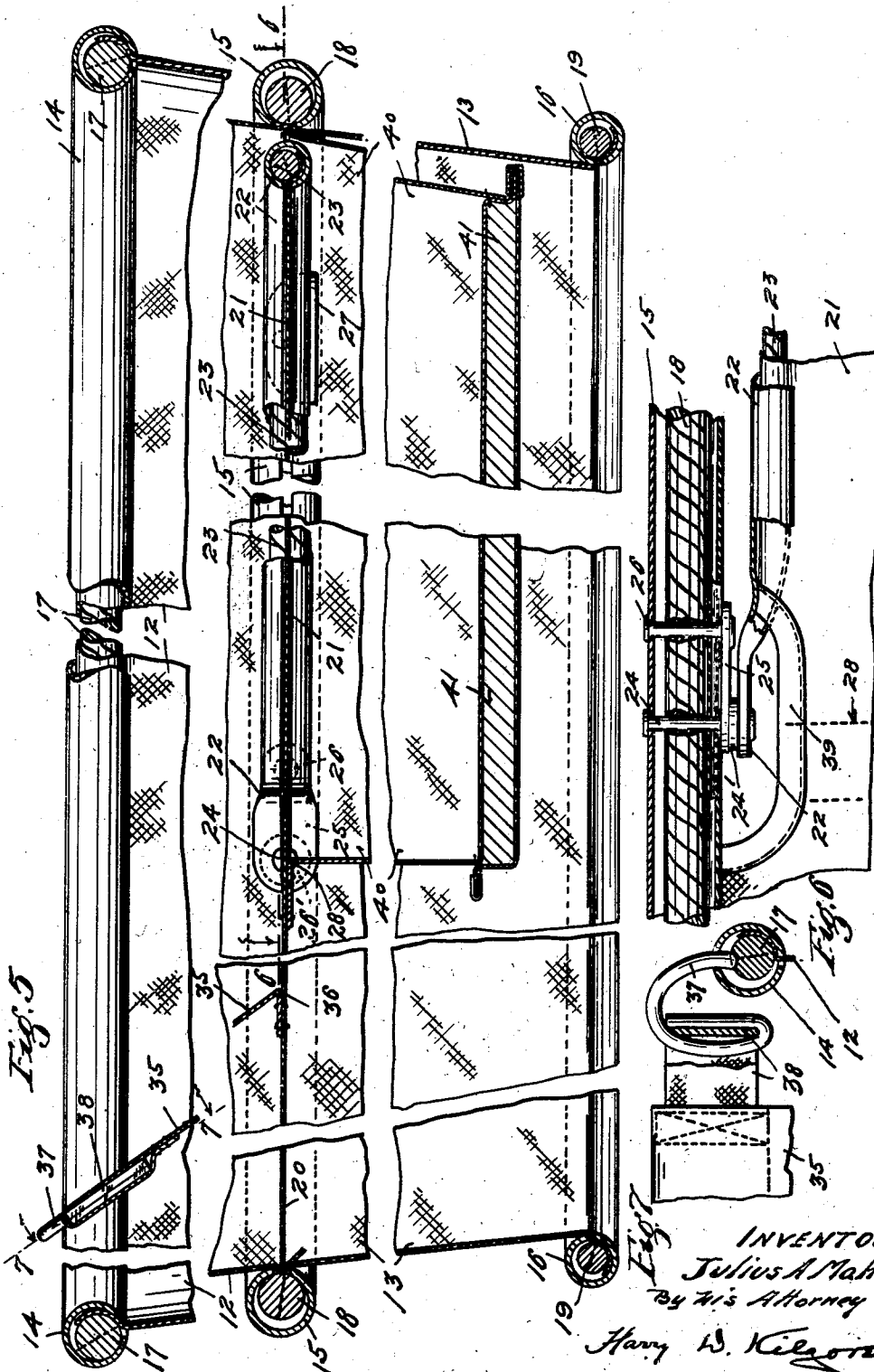
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BASSINET AND FOOT WELL

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3 Sheets-Sheet 3



UNITED STATES PATENT OFFICE

2,277,406

BASSINET AND FOOT WELL

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Application February 12, 1940, Serial No. 318,487

4 Claims. (Cl. 296—1)

My present invention relates to baby carriages and, more particularly, to a collapsible bassinet adapted to be removably suspended from body supports on the chassis of a baby carriage.

The principal object of this invention is to provide a foot well in a bassinet.

Another object of the invention is to provide a foot well in a bassinet that may be covered, at will, by a displaceable section of the bottom of the bassinet.

A further object of the invention is to provide a foot well, having collapsible sides, in a bassinet.

A still further object of the invention is to provide a foot well in a bassinet having a collapsible endless skirt, suspended from the bassinet at the perimeter of its bottom and surrounding the foot well, the walls of the foot well also being collapsible.

A further object of the invention is to provide a foot well in a bassinet and having a rigid bottom and collapsible sides.

Other objects of the invention will be apparent from the following description had in connection with the drawings.

To the above end, generally stated, the invention consists of the novel construction and arrangement of parts hereinafter described and defined in the claims.

In the accompanying drawings, which illustrate the invention, like characters indicate like parts throughout the several views.

Referring to the drawings:

Fig. 1 is a perspective view of a baby carriage shown by means of broken lines, with the exception of the bassinet which is shown by means of full lines, with some parts broken away, and has the invention embodied therein;

Fig. 2 is a perspective view of the bassinet removed from the chassis and showing the skirt and foot well collapsed;

Fig. 3 is a plan view of the bassinet, with the foot well open;

Fig. 4 is a central vertical section taken on the line 4—4 of Fig. 3;

Fig. 5 is a fragmentary view of the bassinet, as shown in Fig. 4, but on an enlarged scale;

Fig. 6 is a fragmentary detail view partly in plan and partly in section taken on the line 6—6 of Fig. 5; and

Fig. 7 is a fragmentary detail view partly in elevation and partly in section, taken on the line 7—7 of Fig. 5.

The baby carriage chassis and hood, shown by means of broken lines in Fig. 1, are indicated, respectively, as entireties by the numerals 8 and 9, with the exception of the body supports 10 on said chassis and their attaching hooks 11.

Removably mounted on the body supports 10 is a bassinet, the sides and ends of its body 12

being made of a flexible fabric such as heavy cloth. This fabric is extended below the bottom of the bassinet to afford an endless skirt 13. The body 12 of the bassinet further includes top and bottom endless tubular metallic frame members 14 and 15, respectively, to which the fabric is secured, and which gives said body its form. It will be noted that the bottom frame member 15 is somewhat smaller in width and length than the top frame member 14 and holds the sides and ends of the body 12 in downwardly converging relation. The skirt 13 at its lower edge is attached to an endless tubular metallic member 16, like the members 14 and 15, and of substantially the same size as the frame member 15, but somewhat smaller in cross-section. An endless slot is formed in the underside of the frame member 14, and an endless slot is formed in the inner side of each of the frame members 15 and 16. Each frame member 14, 15 and 16 is formed in two sections, and said sections are connected by a coupling sleeve at the ends of the body 12.

The fabric at its upper edge portion, at the bottom of the body 12 and at the lower edge portion of the skirt 13, is sewed to ropes 17, 18 and 19, respectively, in endless arrangement. These ropes 17, 18 and 19 and the attached portions of the fabric are threaded through the sections of the frame members 14, 15 and 16, respectively, with the fabric extending through the slots in said members, and thereafter the sections of said members are connected by their coupling sleeves.

The bottom 20 of the body 12 is also made of a fabric, such as drilling or any other suitable material. This bottom 20 has a displaceable section 21 at the front end portion of the body 12. Said bottom 20 and its displaceable section 21 are preferably, but not necessarily, formed from the said piece of fabric. The bottom 20, at its marginal edge portion, is sewed to the rope 18 and attached portion of the body 12. The bottom section 21, at its marginal portion, is attached to a U-shaped tubular metallic frame member 22 by means of a rope 23. Said bottom section 21 is sewed to the rope 23 and said rope and attached portion of the fabric is threaded through the frame member 22 with said fabric extending through a slot in the inner face of said members.

The U-shaped frame member 22 closely follows the contour of the body 12, and its rear or free ends are flattened and pivotally mounted on rivets 24 secured in plates 25 on the inner side of the tubular frame member 15. The rivets 24 and other rivets 25 extend through holes in the plates 25, the slots in the frame members 15 and holes in the outer sides of said member and rigidly secure the plates 25 to the frame member 15. Washers 24' on the rivets 24 between the

end portions of the U-shaped frame 22 and the plates 25 insure free and easy swinging movement of the bottom section 21.

When the bottom section 21 is closed, its U-shaped frame 22 loosely rests on a pair of brackets 27 secured by rivets to the frame member 15. In opening the bottom section 21, the fabric forming said section and the bottoms 20, transversely folds on a line extending between the axes of the two rivets 24, as indicated at 23, and permits the bottom section 21 to lay flat on the bottom 20.

Braces, indicated as entirety by the numeral 29, connect the frame members 14 and 15 at the ends of the body 12. These braces 29 hold the frame members 14 and 15 spaced apart, with the fabric held taut therebetween. When the braces 29 are released, the body 12 may be folded with the frame members 14 and 15, the one upon the other. The braces 29 are disclosed and broadly claimed in my pending application filed September 1, 1938, under Serial Number 227,899, and formally allowed September 15, 1939.

The skirt 13 is free to fold when the bassinet is removed from the body supports 10 and placed on a floor, an automobile seat or other support. When the skirt 13 is folded, the frame member 16 closely engages the frame member 15.

Loop-like members 30, attached to the upper ends of pairs of coiled springs 31 anchored to the upper brackets of the braces 29 on the frame member 14, separably interlock with the hooks 11 on the body supports 10 and hold the bassinet suspended therefrom.

Spring stabilizers 32, indicated by broken lines in Fig. 1, are anchored to the side members of the chassis 8 and are separably connected to the frame member 16 by clips 33 and restrict the lateral swinging movement of the bassinet in respect to the chassis 10.

The hood 9 is attached to the frame member 14 by brackets 34.

A displaceable back support 35, of any suitable material, such as drilling, is sewed at 36 to the bottom fabric 20, transversely thereof, at the free end of the body section 21, when open. The free or upper end of the back support 35 is releasably secured to the frame member 14 by means of hooks 37 secured to said back support by looped portions of tape 38. Obviously, by releasing the hooks 37 from the frame member 14, the back support 35 may be folded flat onto the bottom 20.

The fabric forming the bottom 20 and the bottom section 21, at the pivots 24, is cut away to afford clearance from the end portions of the frame member 22 during swinging movement thereof, and the edge portions of said fabric are bound with tape, as indicated at 39.

At the front end of the body 12 is a foot well 40, the sides and ends of which are collapsible and formed of fabric, such as the bottom 20. The front end and the two sides of the foot well 40, at their upper edge portions, are folded outwardly upon themselves and secured to the top 18 by sewing. The rear end of the foot well 40, at its upper edge portion, is folded under the front edge portion of the bottom 20 and secured thereto by sewing. It will be noted that the rear end of the foot well is substantially in a vertical plane that passes through the axes of the aligned rivets 24. The bottom of the foot well 40 is formed by a double thickness of fabric with a piece of board 41 interposed therebetween. When the foot well

40 is collapsed, the rigid bottom thereof is closely positioned in the top of said well.

Obviously, the bassinet may be used as a bed when the bottom section 21, when closed, covers the foot well 40, so that a mattress 42, shown by means of broken lines, may be laid flat on the bottom 20 and the bottom extension 21. In this use of the bassinet, the back support 35 is released from the frame member 14 and laid flat on the bottom 20; or for use in a sitting or reclining position, the back support 35 is secured in an operative position and the bottom section 21 is opened to uncover the foot well 40, and the mattress 42 is folded, as shown by broken lines in Fig. 1. In this folded position of the mattress 42, the front section thereof is folded under the intermediate section thereof to form a seat of double thickness, and the rear or head section of said mattress is laid on the back support 35. The size of the foot well 40 is such that bedding or clothing may be placed under and around the feet and legs of a child sitting up or reclining in the bassinet.

When the bassinet is removed from the chassis and placed on the floor, the seat of an automobile or other support and used as a bed, the skirt 13 and the foot well 40 will collapse and fold under the bottom of the bassinet. Or by placing the bassinet on an automobile seat with the foot well 40 forward of the front thereof, the skirt 13 will collapse and fold under the bassinet and the foot well 40 will hang downwardly in front of said seat. In this use of the bassinet, a child may sit up or recline therein while riding in an automobile.

From the foregoing, it will be understood that the invention described is capable of various modifications within the scope of the invention herein disclosed.

What I claim is:

1. A bassinet body having a fabric bottom comprising a fixed rear section and a removable front section, a U-shaped frame in which the front bottom section is secured, and a foot well under the front bottom section, said frame being pivoted to the body at the rear wall of the foot well for upwardly and rearwardly swinging movement into an open position on the rear bottom section to afford a seat reinforcing the rear bottom member.

2. The structure defined in claim 1 further including a displaceable back for the seat.

3. The structure defined in claim 1 in which the two sections of the fabric bottom are connected at their adjacent ends and supported at their side and outer end portions.

4. A bassinet body having endless upper and lower frame members and a fabric bottom comprising a fixed rear section and a removable front section, said two bottom sections being connected at their adjacent ends, said rear bottom section being secured at its sides and rear end to the lower frame member, a foot well under the front bottom section, a U-shaped frame with the outer ends of its arms secured to the lower frame member substantially at the rear wall of the foot well for upwardly and rearwardly swinging movement into an open position on said rear bottom section to afford a seat reinforcing said rear bottom section, and a fabric back for the seat secured at its lower end to the rear bottom section and releasably secured at its upper end to the frame member.

JULIUS A. MAHR.