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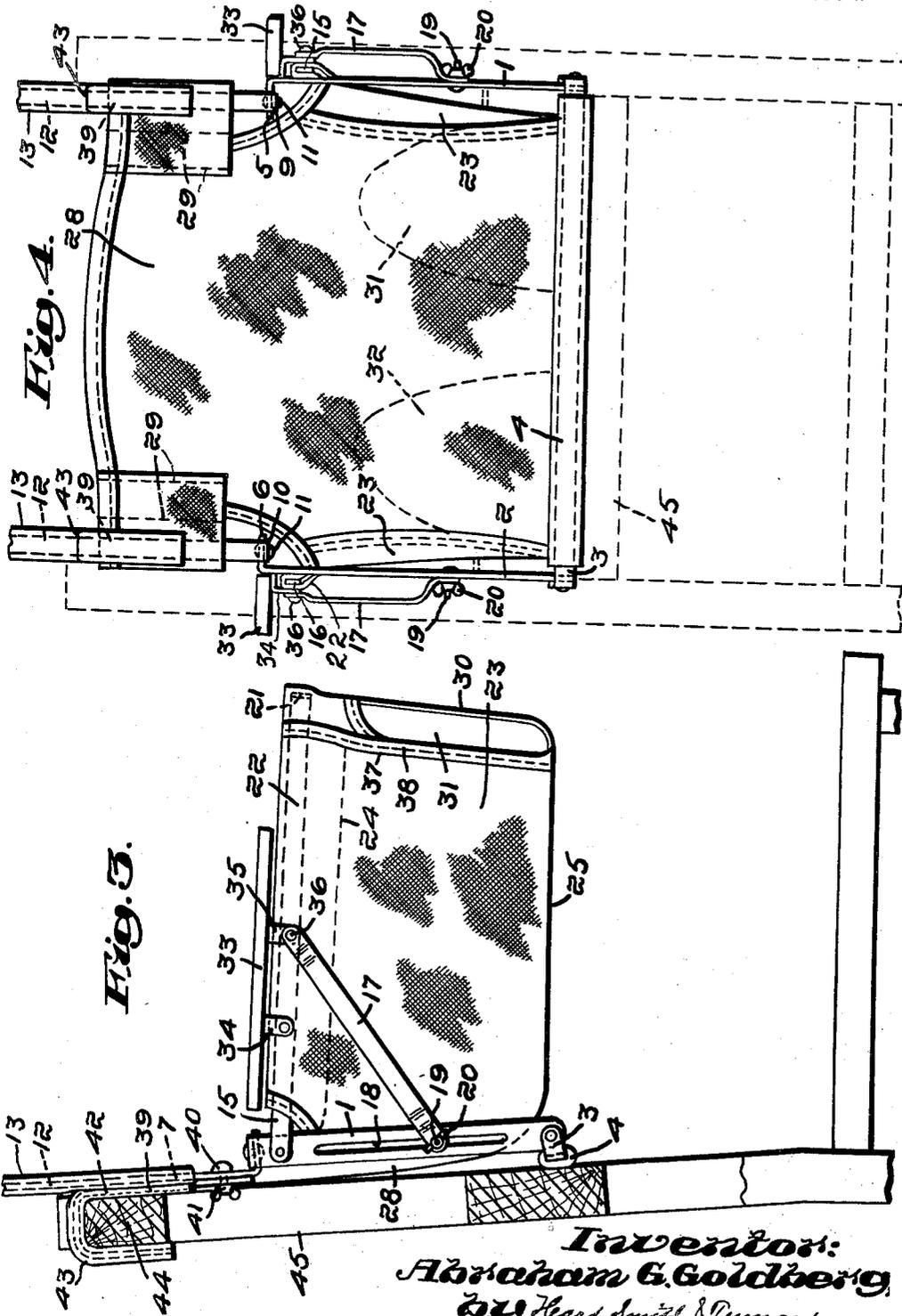
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SUSPENSIBLE CHILD'S CHAIR

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SUSPENSIBLE CHILD'S CHAIR

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This invention relates to improvements in suspensible chairs for a child, and the main object of the invention is to provide a suspensible child's chair of simple and economical construction adapted to be detachably hung on a suitable support.

Another object of the invention is to provide a suspensible child's chair having a seat of strong flexible material so supported as to be free from any rigid members adapted to support portions of the body or legs of the child.

A further object of the invention is to provide a collapsible suspensible chair having a plurality of pairs of suspension members of different lengths selectively adapted to hang the chair upon supporting members of different heights, such as the high back of a seat of a vehicle, or upon the back of a dining room chair, to provide a high chair for the child.

A further object of the invention is to provide a suspensible chair which can be collapsed into a space of minimum thickness for transportation and storage.

A further important object of the invention is to provide a suspensible chair having a horizontal reinforced seat section of maximum comfort to the child and preferably provided with a water-repellent lining.

These and other objects and features of the invention will more fully appear from the following description and the accompanying drawings and will be particularly pointed out in the claims.

In the drawings:

Fig. 1 is a side elevation of a collapsible suspensible chair embodying the invention detachably hung upon the back of a vehicle seat;

Fig. 2 is a rear view of the construction shown in Fig. 1;

Fig. 3 is a side elevation of the chair shown in Fig. 1, provided with supplemental suspension members detachably secured to the main suspension members engaging the top of the back of a chair to provide a high chair for the child; and

Fig. 4 is a rear view of the construction shown in Fig. 3.

The preferred embodiment of the invention illustrated in the drawings comprises a pair of parallel legs 1 and 2 which are connected at their lower ends by a spacing bar 3 desirably having an elastic tubular covering 4, said legs having at their upper ends laterally, preferably inwardly extending, flanges 5 and 6. Vertical main suspending members 7 and 8 have at their lower ends flanges 9 and 10 preferably underlying the

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flanges 5 and 6 and pivotally connected thereto by vertical rivets or bolts 11 to permit each suspending member to be rotated about a vertical axis. The suspending members 7 and 8 have hook-shaped upper ends 12 preferably having an elastic coating 13, such as a rubber tube, adapted when swung rearwardly to embrace the top of a supporting member, such as a seat 14 of an automobile or other vehicle. Seat-supporting side bars 15 and 16 are pivotally mounted upon the upper end portions of the legs 1 and 2 in proximity to the flanges 5 and 6 thereof and are adapted to be held in horizontal position by centrally offset braces 17 pivotally connected at their upper ends to the side bars 15 and 16 and at their lower ends adjustably connected by suitable means to the legs 1 and 2.

As illustrated herein the legs 1 and 2 are provided midway of their width with longitudinal slots 18 and the braces 17 are provided at their lower ends with bolts 19 extending through the slots 18 and clamped upon the legs by suitable, preferably winged nuts 20, the slots 18 being of sufficient length to enable the braces 17 to be so inclined as to support the side bars in horizontal position or to permit the chair to be collapsed by swinging the side bars upwardly into parallelism with the legs.

The parallel side bars 15 and 16 are shown as connected at their ends by a cross bar or bridge portion 21 which is integral with the side bars, said side bars and cross bar thus forming a U-shaped chair-confining member.

A seat member of strong flexible material, such as canvas or duck, is mounted upon and supported by the side bars 15 and 16.

The seat member is formed with a seat section 25, the side edges of which merge into the vertically extending side sections 23, and the upper edge portions 22 of the side sections are wrapped about the side bars 15 and 16, the marginal edges of said edge portions being stitched to the top of the side sections by stitches 24.

A flat reinforcing sheet 26 of suitable stiff material, such as cardboard or fiber board, rests upon the central seat section 25 and preferably is covered by a lining 27 of rubber or rubberized material or other sheet material that is impervious to water. Said lining 27 is secured near its edges to the bottom section 25 of the seat member. Said seat member also has a vertical rear section 28 which extends upwardly along the vertical portions of the suspension members 7 and 8 and has at its upper edge portions laterally extending flaps which are wrapped around the lower

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end portions of said suspension members and are connected to said members 7 and 8 and the rear section 28 by lines of stitching 29.

The horizontal seat section 25 of the seat member has a vertical extension 30 constituting a front section which extends from one side bar to the other and is desirably, but not necessarily, wrapped around and secured to the transverse bar 21 of the child-confining member.

The vertical front section 30 of the seat member is provided with a pair of suitably spaced apertures 31 and 32 through which the legs of the child may extend when the child is in seated position. Arm rests 33, which extend parallel to the side bars 15 and 16, are mounted thereon by brackets 34 and 35 which are connected to the under side of the arm rests 33 and to the side bars 15 and 16. The braces 17 desirably are pivotally mounted upon studs or bolts 36 connecting the front brackets 35 to the side bars. Suitable pipings 37, which bind the edges of the fabric through which the apertures 31 and 32 extend, also extend over and embrace the ends of the side bars 15 and are secured to the side sections 23 by lines of stitching 38, said stitching also uniting the vertical edges of the front section to the side sections.

By reason of this construction the seat member may be mounted upon the side bars alone in the absence of the transverse bar 21 in a simplified form of the invention but preferably the upper end of the front section of the seat member is wrapped around the transverse bar 21 of the child-confining frame above described.

By reason of the construction above described proper adjustment of the braces 17 will selectively hold the side bars 15 and 16 of the child-confining frame in horizontal position or enable said frame to be swung upwardly into substantial alinement with the legs 1 and 2 to collapsed position in which the flexible seat member may be collapsed to enable the chair to occupy a minimum space for transportation or storage.

An important feature of the invention comprises the provision of a pair of supplemental suspending members of reduced length adapted to be detachably secured to the lower end portions of the main suspending members above described. Such a construction is illustrated in elevation in Figs. 3 and 4 in which the supplemental suspending members are each provided with a lower straight section 39 detachably connected to the main suspending members 7 and 8 by suitable bolts 40 provided with winged nuts 41. The supplemental suspending members 39 are provided with hook-shaped upper end portions 42 which desirably are covered by rubber tubing or other elastic material 43 and adapted to engage over the upper edge of the back 44 of a dining room chair 45, as illustrated in Figs. 3 and 4.

By reason of the construction above described a suspensible child's chair is provided which can be readily hung upon the seat of an automobile or other vehicle having a seat with a high back, as shown in Figs. 1 and 2, or alternatively may be employed when the supplemental suspending members are attached to the main suspending members to be hung from the back of an ordinary dining room chair to provide a high chair for the child.

It is obvious that the present invention is of great utility to automobilists and other traveling persons having small children who find it desirable comfortably to support the child while

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traveling and to enable the child to be comfortably seated in a dining chair converted into a high chair during intermissions for lunch, dinner, etc.

It will be understood that the particular embodiment of the invention shown and described herein is of an illustrative character and is not restrictive of the meaning and scope of the following claims.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is:

1. A suspensible chair for a child comprising parallel vertical legs provided at their upper ends with laterally extending flanges, a spacing bar connecting the lower ends of the legs, upwardly extending suspension members pivotally mounted on the respective flanges to rotate about vertical axes and having hookedly curved upper end portions adapted when swung rearwardly to embrace a suitable support, parallel side bars connected to said legs in proximity to the flanges thereof and extending perpendicularly forwardly therefrom, braces connected at their upper ends to said side bars intermediate of their length and connected at their lower ends to said legs, a seat member of strong flexible material having a seat section, two vertically extending side sections, a vertically extending back section, and a vertically extending front section which is provided with apertures for the legs of the child occupying said chair, the upper edge portions of the side sections being mounted on the side bars, and the front vertical edges of the side sections being secured to the vertical edges of the front section, and means to support the upper end of the back section.

2. A collapsible suspensible chair for a child comprising a frame having vertical parallel legs provided with longitudinal slots and also provided at their upper ends with inwardly extending flanges, a spacing bar connecting the lower end portions of said legs, an upwardly extending suspension member pivotally mounted on the flange of each leg to rotate about a vertical axis and provided with a hook-shaped upper end portion adapted when swung rearwardly to embrace a suitable support such as the top edge of the back of a vehicle seat, a U-shaped child-confining member having parallel side bars connected by a bridge portion, means pivotally connecting the free ends of said side bars to said legs in proximity to the flanges thereof, braces pivotally connected at their upper ends to said side bars intermediate of the length thereof, bolts in the lower ends of said braces passing through the slots in the respective legs and provided with clamping nuts adapted selectively to hold the child-confining member in horizontal position or in collapsed position parallel to said legs, a seat member of strong flexible material having two side sections connected at their lower edges by a seat section, the upper edge of said side sections being mounted on the side bars, said seat member also having a vertically extending back section which extends above the side bars and has its upper end portion secured to the lower ends of the suspension members, said seat member further having a vertically extending front section provided with apertures for the legs of a child occupying the chair, the upper edge portion of the front section being secured to the bridge portion of the U-shaped child-confining member.

3. A collapsible suspensible chair for a child

having suspension members as defined in claim 2, provided with a pair of supplemental suspension members of reduced length detachably connected to the lower portions of said suspension members and having hookedly curved upper ends adapted to embrace a suitable supporting member such as the top of a chair back.

4. A collapsible suspensible chair for a child as defined in claim 1, in which a lining of water-repellent material overlies and is secured at its edges to the upper surface of the seat section.

5. A collapsible suspensible chair for a child as defined in claim 4, in which a member of flat

stiff material is interposed between the seat section and the lining thereof.

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