

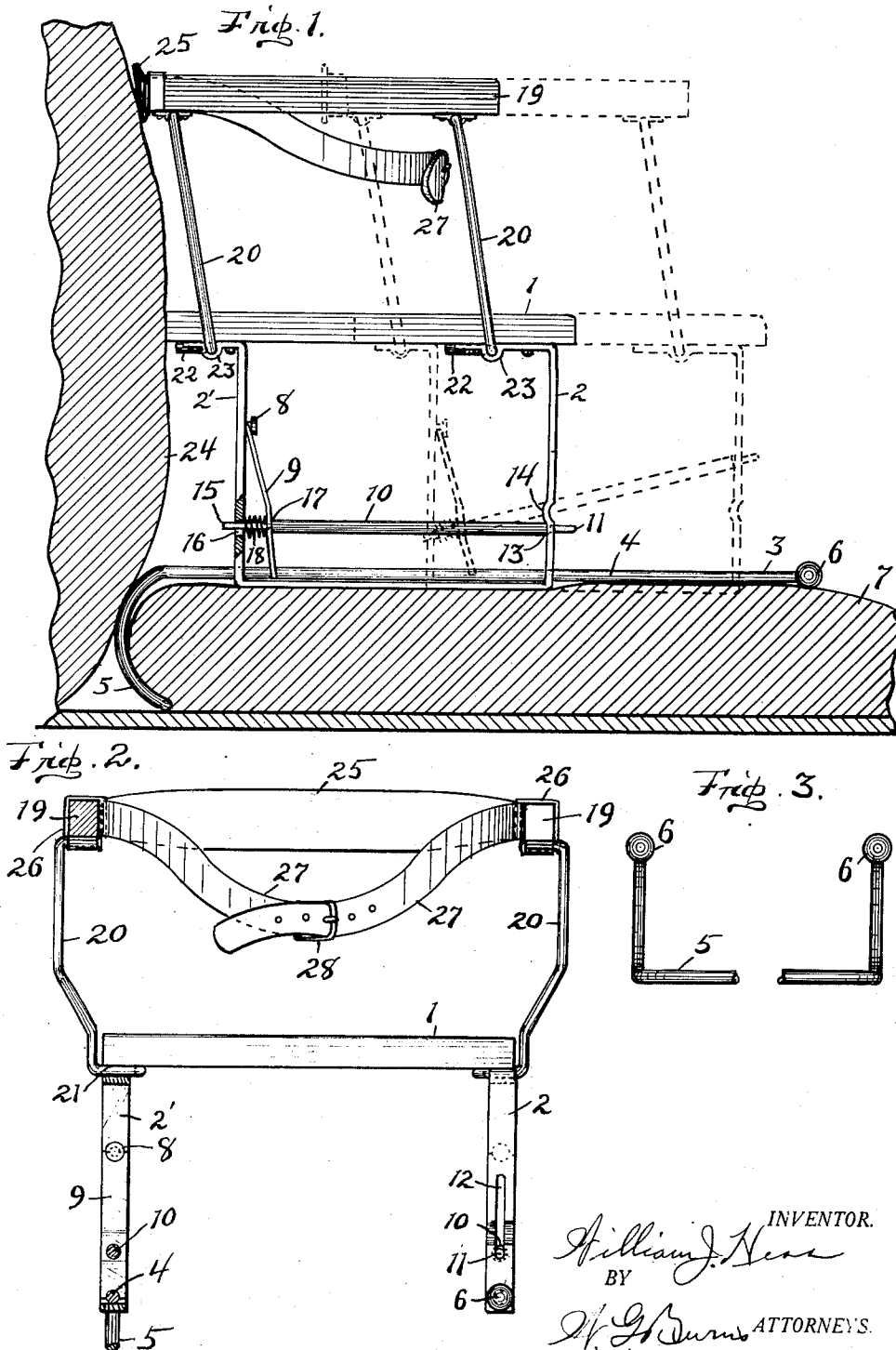
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W. J. HESS

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CHILD'S CHAIR FOR AUTOMOBILES

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WILLIAM J. HESS, OF FORT WAYNE, INDIANA, ASSIGNOR TO JUVENILE WOOD PRODUCTS, INC., A CORPORATION OF INDIANA

CHILD'S CHAIR FOR AUTOMOBILES

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This invention relates to improvements in a child's chair for automobiles, and the object thereof is to provide a chair for a child applicable to the seat and back cushions of a regular automobile seat in a superimposed position thereon and in such manner as to avert accidental dislodgement. Another object of the improvement is to provide a seating means for a child whereby the child is held securely in a seated position elevated above the regular seat cushion of an automobile.

These objects are accomplished by the construction illustrated in the accompanying drawings, in which:—

Fig. 1 is a side elevation showing the invention applied to the seat and back cushions of an automobile, parts being in sections;

Fig. 2 is a front end elevation embodying the invention, a portion thereof being in section; and

Fig. 3 is a detail view showing a front elevation of the base frame for the chair.

The characters appearing in the description refer to parts shown in the drawings and designated thereon by corresponding characters.

The invention is comprised of a seat 1 which is supported upon a pair of U-shaped supporting members, one at each side of the seat and constituting legs 2 and 2'. Said members are slidably mounted upon a base frame 3 made of a single rod bent in its middle portion with its ends extending parallel with each other and spaced apart to form guides 4. Said middle portion is also bent downwardly to form a hook shaped loop 5, and the forward extremity of each guide 4 has fixed thereon a knob 6. The loop shaped hook is proportioned so as to approximately fit around the back end of the automobile seat cushion 7 so that when the seat is in position with the base member applied thereto, the guide members lie flat upon the top of said cushion and extend from the back toward the front thereof. Said guides extend through the corresponding supporting members adjacent the lower ends of the legs 2 thereof and upon which guides said supporting members have longitudinal sliding movement.

Upon the front face of each rear leg 2' is a fixed stud 8, and a jam-bar 9 is positioned with its upper end against said stud and with its lower end bearing upon the corresponding guide 4. An operating rod 10 is provided for each jam-bar 9, the forward end of the rod being reduced in diameter to form a handle 11 that projects through a slot 12 in the corresponding front leg 2, and a shoulder 13 that bears against the rear face of said leg. The slot 12 is vertically disposed and the handle has vertical sliding movement therein, there being an indentation 14 made in the leg at a point slightly above the bottom of the slot which acts to retain the operating rod in its lowermost or locking position. The rear end 15 of each operating rod is of reduced diameter, the reduced portion being inserted through the corresponding jam-bar and the adjacent rear leg 2'. The opening 16 in the rear leg 2' for the end portion 15 of the operating rod 10 is vertically elongated to permit downward movement of said end when the operating rod is actuated. A shoulder 17 is formed on the rod 10 by reducing the end portion 15, which shoulder bears against the front face of the corresponding jam-bar 9. A compression spring 18 is positioned upon the rear end portion 15 of each operating rod and between the front face of the rear leg and the rear face of the jam-bar, which spring tends to press said jam-bar forwardly out of binding engagement with the corresponding guide 4, so that when the operating rod is swung upwardly the pressure of the jam-bar against the guide is relieved through the action of the spring.

A pair of arm rests 19 are provided for the chair, each arm rest being supported upon a pair of parallel swinging supports 20, the upper end of each support being pivotally secured to the corresponding arm-rest 19. The lower end of each support 20 has an inwardly bent portion 21 that has pivotal relation with the seat 1, and the lower extremity of each support 20 is bent backwardly to form a stop 22 by which forward swinging movement of said support is limited by having contact with the bottom face of the seat. The supports 20 may be connected with the seat and the arm-

rest in any suitable manner. In the present instance the upper ends of the legs 2-2' are shown as being bent rearwardly and shaped so as to form a bearing 23 for the inwardly bent portion 21 of the corresponding arm-rest supports 20.

In utilizing the invention, the handles 11 are elevated to their uppermost position and the chair is slid upon the guides 4 to a forward position and the arm-rests are swung upwardly to their proper position for use. The base frame is then applied to the seat cushion 7 by hooking the loop 5 around the back edge of the cushion, and with the guides resting upon the top of the cushion. The chair is then slid rearwardly upon the guides so that the seat 1 and the arm-rests 19 bear against the back cushion 24 of the automobile. The handles 11 are then moved to their lowermost position, which causes the operating rods 10 to press the jam-bars 9 into binding engagement with the guides 4, which prevents forward movement of the chair. A belt 25 is secured by means of straps 26 to the rear ends of the arm-rests 19, the forward ends 27 of the belt being connected together by a buckle 28, by means of which belt a child is secured in seated position on the chair.

The appliance is removed from the automobile seat by elevating the handles, sliding the chair forwardly on the guides, and unhooking the loop from the seat cushion. The arm-rests may then be folded by swinging their supports rearwardly.

35 What I claim is:—

1. A child's chair applicable to an automobile seat, consisting of a base frame having a loop at its rear end and parallel guide members extending forwardly from said loop; a seat; a pair of frames constituting front and rear legs for the seat, each frame having sliding connection with the corresponding guide; and locking means for holding said frames in adjusted positions on said guides.

2. An appliance of the class described, consisting of a base frame having a hook shaped loop at its rear end applicable to engage around the rear edge of the seat cushion of an automobile and having parallel guides extending forwardly from said loop; a chair supported upon said guides and having sliding movement thereon; a locking means for securing said chair in adjusted positions on said guides; and a pair of rearwardly folding arm-rests on the seat, which arm-rests are held in operable position by the back cushion of said automobile when said chair is in position for use.

3. A child's seat attachment for an automobile comprising a base frame adapted to be secured upon the seat cushion of said automobile; a chair slidably mounted on said guides; locking means for securing said chair in adjusted positions on said guides; and

folding arm rests on the seat that bear against the back cushion of said automobile and are thereby sustained in operable position when said chair is in position for use.

4. In an appliance of the class described, a base frame having guides and means for securing said frame upon the seat cushion of an automobile; a seat member; a pair of frames constituting fore and rear legs for said seat, which frames have sliding connection with said guides respectively; a jam-bar loosely secured at one end to the corresponding rear leg and having binding relation at its opposite end with the corresponding guide; a locking means for said jam-bar; and a pair of folding arm-rests in connection with said seat, having limited forward pivotal movement thereon, which rests are held in operative position by the back cushion of said automobile seat by contact therewith when the appliance is in position for use.

5. In an appliance of the class described, a base frame having guides and means for securing said frame upon the seat cushion of an automobile; a seat member; a pair of frames constituting fore and rear legs for said seat, which frames have sliding connection with said guides respectively; a jam-bar loosely secured at one end of the corresponding rear leg and having binding relation at its opposite end with the corresponding guide; and a locking means for said jam-bar.

6. In an appliance of the class described, a base frame having means at its rear end for engagement with the rear edge of the seat cushion of an automobile; a chair slidably mounted upon said base frame; a locking means for securing said chair adjustably upon said base frame, said chair being disposed when the appliance is in position for use so that a portion of the back cushion of said automobile constitutes a back rest for said chair.

In testimony whereof I affix my signature
WILLIAM J. HESS.