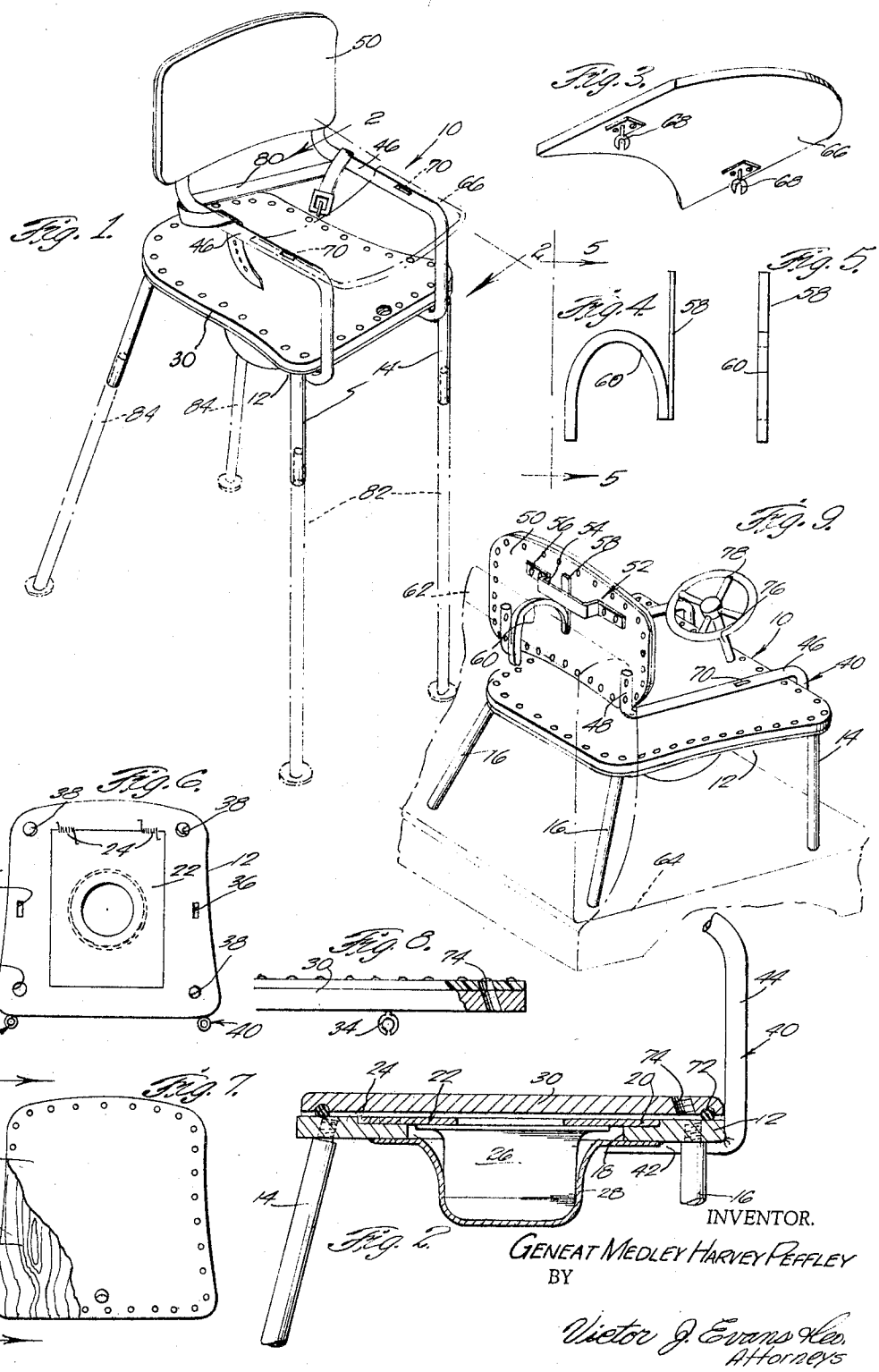
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CONVERTIBLE COMMODE CHAIR

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CONVERTIBLE COMMODE CHAIR

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The present invention relates to high chairs for infants and in particular to one which is converted from a high chair to a low chair having a toilet seat therein.

Another object of the present invention is to provide in a high chair, means for using the chair in a low chair condition and attaching the same to an automobile seat.

Another object of the present invention is to provide a high chair for an infant which has a detachable tray, a detachable imitation automobile steering wheel, and safety belt means for retaining the child in the chair when in use in an automobile.

These and other objects and advantages of the present invention will be apparent from the following description when taken in connection with the annexed drawing, in which:

FIGURE 1 is a perspective view of the high chair of the present invention,

FIGURE 2 is a view on an enlarged scale, taken on line 2—2 of FIGURE 1,

FIGURE 3 is a perspective view of a tray for use with the high chair shown in FIGURE 1,

FIGURE 4 is a hanger element for attaching the chair to an automobile seat back,

FIGURE 5 is a view taken on the line 5—5 of FIGURE 4,

FIGURE 6 is a plan view of a seat panel,

FIGURE 7 is a plan view of the seat of the high chair,

FIGURE 8 is a view taken on the line 8—8 of FIGURE 7, and

FIGURE 9 is a perspective view of the high chair with the lower leg sections removed, the dotted line showing indicating an automobile seat and automobile seat back supporting the converted high chair.

Referring to the drawing in detail in which like numerals indicate like parts throughout the several views, the reference numeray **10** designates generally the chair of the present invention and which comprises a seat panel **12** extending over the upper ends of a pair of front legs **14** and a pair of rear legs **16**. The seat panel **12** is provided with threaded openings receiving the upper end portions of the front and rear legs **14** and **16**, respectively.

Centrally of the seat panel **12** is an opening **18** and extending about the opening **18** is a recess **20** as shown most clearly in FIGURE 2. Conformably shaped to fit the recess **20** is a toilet seat **22** connected by a hinge **24** to the seat panel **12**.

Depending from the under face of the seat panel **12** is a formed sheet of metal providing support means for a toilet bowl **26**, the sheet of metal being designated by the numeral **28**.

A seat **30** having a cover **32** normally rests upon the upper face of the seat panel **12** and is removably secured thereto by means of spring clips **34** (FIGURE 8) which depend from the seat **30** on each side of the latter. The clips **34** are received in slots **36** provided in the side edge portions of the seat panel **12** and they secure the seat **30** to the seat panel **12**.

Also shown in FIGURE 6 are the holes **38** for receiving the end portions of the legs **14** and **16**.

The present invention provides a pair of horizontally disposed U-shaped supports **40** disposed adjacent each of the side edges of the seat panel **12** and having their one leg **42** secured to the underside of the front edge portion of the seat panel **12** as shown in FIGURE 2. The bight **44** of the supports **40** extend vertically and the other legs

46 are disposed above and parallel to the legs **42** and are longer than the legs **42**.

The legs **46** form arm rests for the seat or chair **10** and the free end portions of the legs **46** are bent upwardly and are secured to the rear face of a seat back structure **50**. As shown most clearly in FIGURE 9, secured to the rear face of the seat back **50** is a strap member **52** having an offset portion **54** centrally thereof. The end portions **56** of the strap member **52** are secured by rivets or other suitable means to the seat back **50**. The offset portion **54**, forms with the adjacent part of the seat back **50**, a slot to receive therethrough one end of an upright post element **58**.

An inverted U-shaped hanger element **60** has one of its legs secured to the lower end of the post element **58** as shown most clearly in FIGURE 4. The hanger element **60** is conformably shaped to fit over the upper end portion of a seat back **62** of an automobile seat **64**, the seat **64** and seat back **62** being shown in dotted lines in FIGURE 9.

In FIGURE 3 is shown a tray **66** having clips **68** which are receivable in slots **70** provided in the legs **46** of the supports **40**, the tray **66** being shown in dotted lines in FIGURE 1.

A continuous resilient gasket **72** is seated in a groove provided on the underface of the seat **30** and bears against the adjacent portion of the seat panel **12** when the seat **30** is in place resting upon the seat panel **12**.

A slanted threaded hole **74** is provided in the seat **30** for the reception therein of a simulated steering column **76** having a simulated steering wheel **78** on the upper end thereof.

A seat belt **80** is provided on the present invention extending about the support leg portions or legs **46**.

Leg extensions **82** and **84** are provided for the front legs **14** and the rear legs **16**, respectively, as shown in dotted lines in FIGURE 1. The leg extensions **82** and **84** are with ease and facility attached to the respective legs **14** and **16** so as to extend the height of the chair from the low position shown in FIGURE 9 to the high chair position shown in FIGURE 1.

From the foregoing description it will be seen therefore that the chair of the present invention has many uses, that of a toilet seat, that of an automobile seat for a child, and that as a high chair for feeding and play of the child in the conventional manner.

It is intended that the chair be fabricated of lightweight material such as metal tubing, wood panels, sheet metal panels, or the like and that all of the surfaces of the seat and seat back be padded and provided with a plastic washable covering as desired and in such colors as will be found practical.

What is claimed is:

In a chair including a pair of front legs, a pair of rear legs, and a horizontally disposed seat panel having spaced parallel side edges, said panel extending over the adjacent ends of said front and rear legs, said seat panel having an opening centrally thereof, there being a recess extending about said opening and the upper face of said seat panel, a toilet seat seated in said recess, said toilet seat having an opening therethrough, means embodying a sheet of metal shaped to form a bowl receiving socket, said sheet depending from said seat panel and adapted to support an opened top toilet bowl below said opening, a seat and seat cover conformably shaped to said seat panel normally resting upon and hingedly engaged to swing upward of said seat panel and in covering relation wtih respect to said toilet seat and clippingly engaged to be secured to said seat panel, a horizontally disposed U-shaped support disposed adjacent each of said seat panel side edges, one leg of said support being secured to the underside of said panel and the free end portion of the other leg of said

support extending vertically, a seat back secured to said other leg free end portions, a strap member bent to have an offset midportion secured by the end portions thereof to one face of said seat back so that the offset portion with the adjacent portion of said seat back one face forms a slot, an inverted U-shaped hanger element adapted to be disposed in straddling relation with respect to the upper end portion of an automobile seat, and an upright bar connected to one leg of said element, said bar being insertable into and withdrawable from said slot.

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