Aug. 23, 1955 W. F. GALLOWAY, SR 2,715,936

COMBINATION HIGH CHAIR AND BABY CARRIAGE

Filed Oct. 13, 1952 2 Sheets-Sheet 1

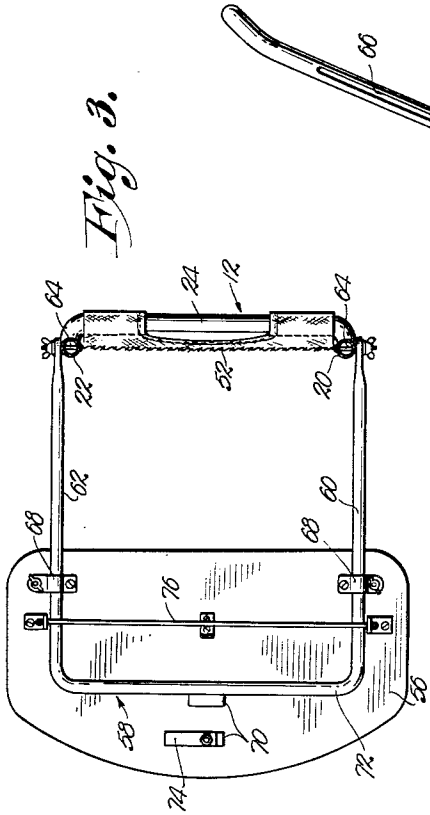

Fig. 3.

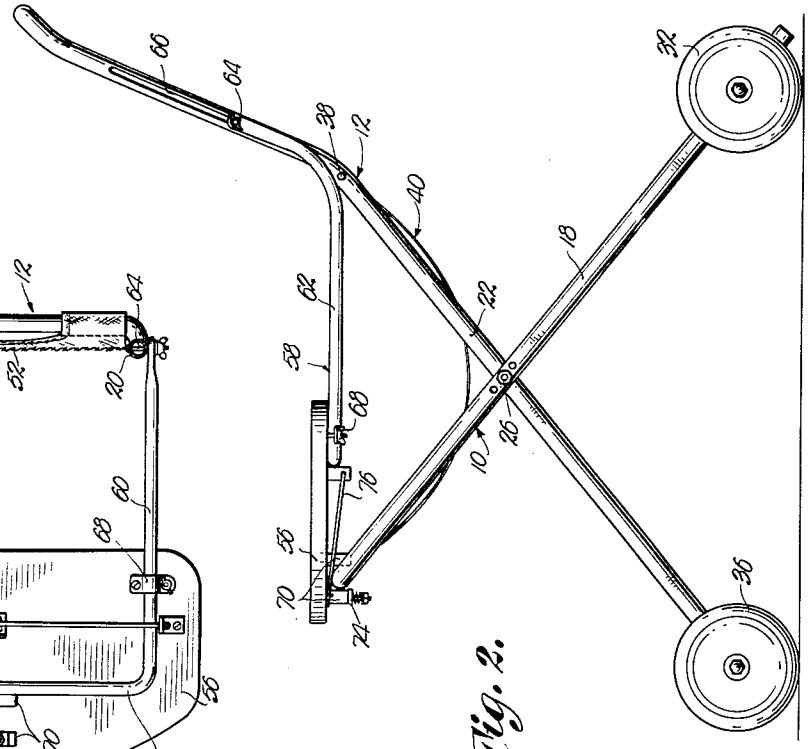

Fig. 2.

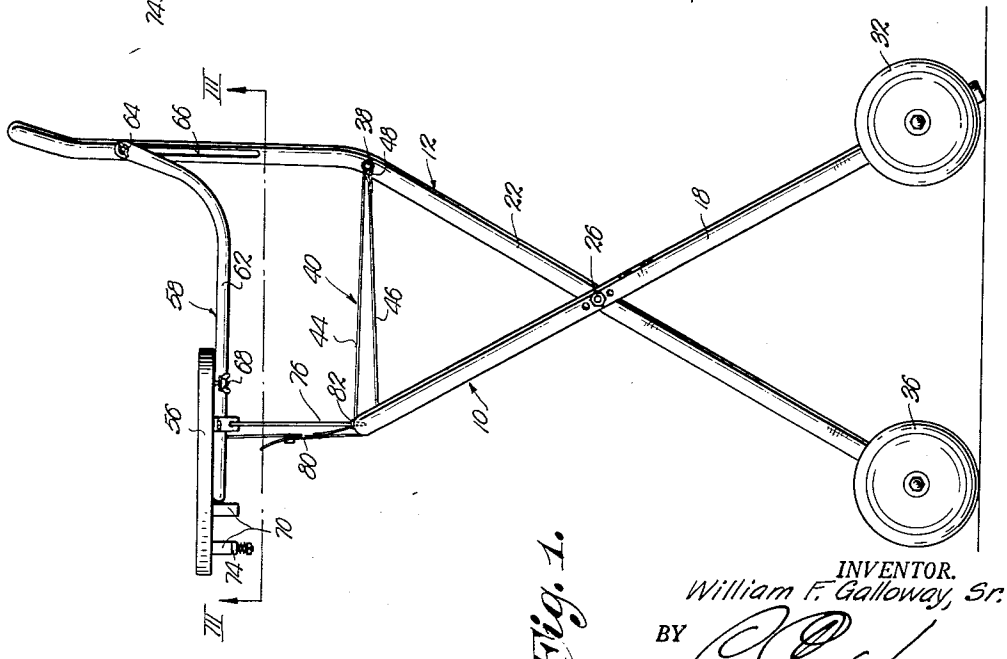

Fig. 1.

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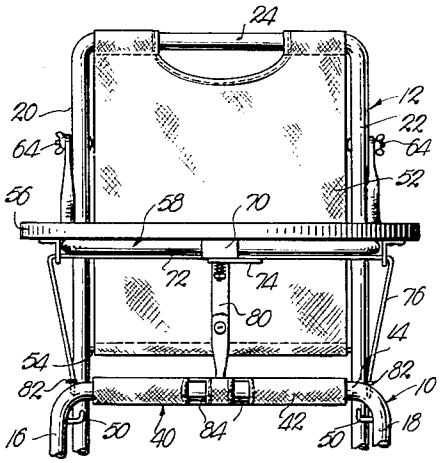

Fig. 4.

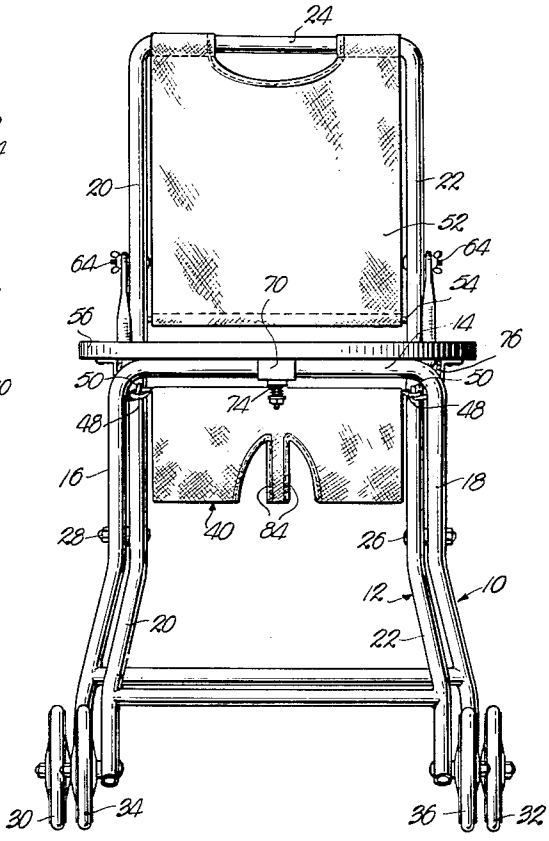

Fig. 5.

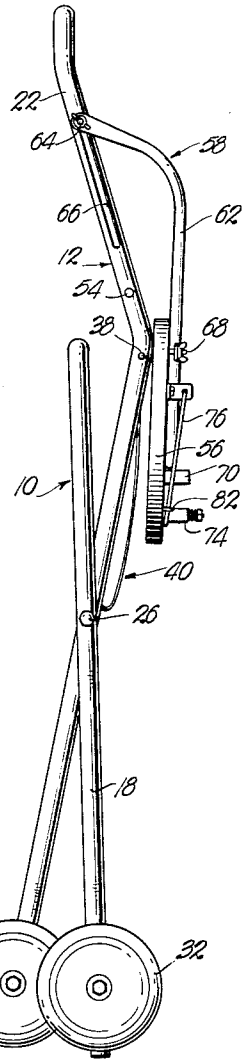

Fig. 6.

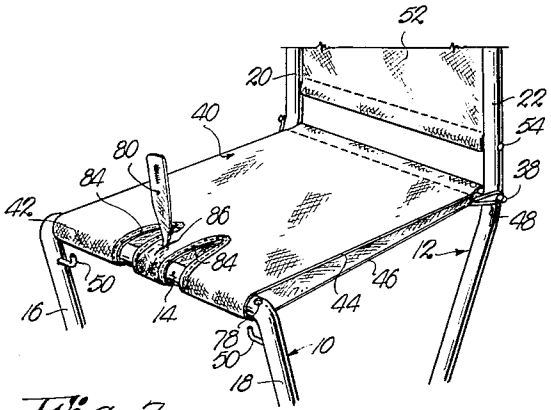

Fig. 7.

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COMBINATION HIGH CHAIR AND BABY CARRIAGE

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Application October 13, 1952, Serial No. 314,435

3 Claims. (Cl. 155—38)

This invention has to do with articles of furniture and more particularly to structures adapted for infant use, the primary object being to provide in a single unit a high chair and a carriage, depending upon the positions of the component parts.

It is the most important object of the present invention to provide a collapsible combination high chair and baby carriage that includes relatively swingable legs provided with wheels or rollers when used as a carriage, the frames forming the legs being interconnected by a flexible seat that is looped over a cross member on one of the frames and interconnects the frames when in the position of a high chair, and which seat is looped between the frames when in a position for use as a carriage.

Another object hereof is to provide a collapsible unit as above set forth that includes a tray adapted for interconnecting the frames and thereby holding the same against swinging movement when in a position as a baby carriage, the tray being swingable and shiftable with respect to one of the frames upon which it is mounted so that it may be used in the normal manner when adapted as a high chair.

Other objects include the way in which the tray is slidably mounted upon a pair of arms for adjustment as the two positions of the assembly are assumed; the manner of swingably and slidably mounting the tray arms upon one of the frames for the purposes of adjustment; the manner of providing a support for the tray, together with means to hold the latter against swinging movement when the assembly is adapted as a high chair; and many more minor objects including details of construction, all of which will be made clear as the following specification progresses.

In the drawings:

Figure 1 is a side elevational view of a collapsible combination high chair and baby carriage made according to the present invention, showing the same as a high chair.

Fig. 2 is a side elevational view thereof showing the same in position as a baby carriage.

Fig. 3 is a transverse, cross-sectional view taken on line III—III of Fig. 1, looking in the direction of the arrows.

Fig. 4 is a fragmentary, front elevational view of the structure as shown in Fig. 1.

Fig. 5 is a front elevational view of the structure as shown in Fig. 2.

Fig. 6 is a side elevational view of the structure in a collapsed condition; and

Fig. 7 is a fragmentary, perspective view showing the seat when the same connects the frames for use as a high chair.

As clearly shown in the drawings, there is provided a front frame broadly designated by the numeral **10**, and a rear frame **12**, each of which is preferably U-shaped whereby frame **10** has a transverse bight or cross-member **14** and a pair of legs **16** and **18**. Legs **20** and **22** of the rear frame **12** are longer than the legs **16** and **18** of frame **10** and are interconnected by a cross member or bight **24**. The legs **18** and **22** are crossed and pivotally interconnected as at **26**, and the legs **16** and **20** are likewise crossed and joined by a pivot pin **28**. Legs **16** and **18** are provided with rear wheels **30** and **32** respectively, and the legs **20** and **22** with wheels **34** and **36** respectively adjacent the lowermost ends thereof.

It is to be noted particularly in Figs. 1 and 2 of the drawings, that the legs **18** and **20** are sufficiently long to rest upon the floor, holding the wheels **30** and **32** in an elevated position when the device is used as a high chair, yet all four wheels ride upon the ground when the device is assembled as a baby carriage in the manner illustrated by Fig. 2 of the drawings. Other suitable means may be employed to accomplish the result of stabilizing the article on the floor when in the position to be used as a chair. The legs **20** and **22** are interconnected by a cross rod **38** intermediate the ends thereof above the pivot pins **26** and **28** for receiving one end of a flexible seat broadly designated by the numeral **40** and preferably made from a suitable fabric material such as canvas. Normally, when the assembly is used as a high chair as shown in Figs. 1, 4 and 7, the seat **40** is looped in a bight **42** around the cross member **14**, presenting a pair of relatively overlapped legs **44** and **46**. The cross pin **38** is extended through the legs **20** and **22** to receive loops **48** on the opposite end of the seat **40**. Seat **40** thereby serves as the means for holding the frames **10** and **12** against separation when used as a high chair. In other words, the seat **40** limits the extent of movement of the cross member **14** away from the cross pin **38**.

The distance between the cross members **14** and **38** is greater when the assembly is used as a carriage in the manner illustrated in Figs. 2 and 5 of the drawings, and in such position the bight **42** of the seat **40** is looped downwardly between the frames **10** and **12** above the pivot pins **26** and **28** with the loops **48** attached to hoops **50** on the legs **16** and **18** immediately below cross member **14**. A back rest **52** between the legs **20** and **22** above the cross pin **38**, is preferably of flexible material and is stretched between the cross member **24** and a cross pin **54**.

A tray **56** is mounted upon a U-shaped frame piece **58** having a pair of arms **60** and **62** that are in turn pivotally connected to the legs **20** and **22** respectively by bolt and nut assemblies **64**. Each of the legs **20** and **22** has an elongated slot **66** for slidably receiving the bolts **64**, said slots **66** being disposed between the cross members **24** and **54**.

Tray **56** resting upon the frame piece **58**, has releasable clamps **68** on the lowermost face thereof that normally grip the arms **60** and **62** and when released, are adapted to slide therealong.

A pair of spaced blocks or the like **70**, on the lowermost face of tray **56**, receive bight **72** of the frame piece **58** therebetween as shown in Fig. 2 of the drawings when the assembly is used as a baby carriage. Latch means **74** on one of the blocks **70** is swingable to a position beneath the bight **72** to hold the tray **56** against swinging movement away from cross member **14**, upon which it rests, on the axis of bolts **64**.

Tray **56** is also supported by the frame **10** when the assembly is used as a high chair through the medium of a U-shaped support **76** swingable from the position shown in Fig. 2 where its legs are disposed between tray **56** and cross member **14**, to the position shown in Fig. 1 where its legs depend from the tray **56** and are fitted in holes **78** in the cross member **14**. A strap **80** interconnects the tray **56** and the cross member **14** to hold shoulders **82** on the legs of support **76** against the cross member **14**.

The seat **40** has a pair of leg-receiving openings **84** at the bight **42** thereof which are used when the assembly is adapted as a baby carriage and an opening **86**

for clearing that part of strap **80** that is attached to the cross member **14**.

It is seen in Fig. 1 of the drawings, that the bolt and nut assemblies **64** are at the uppermost ends of the slots **66**, the tray **56** is shifted outwardly away from the bight **72**, the seat **40** is looped around the member **14** and joined with the cross pin **38**, and the tray **56** is supported by member **76** on the cross bar **14** and held against upward movement by the strap **80**. When the assembly is to be made ready for use as a carriage in the manner illustrated by Fig. 2, the strap **80** is disconnected, the assemblies **64** are loosened and the loops **48** are removed from the cross pin **38**. Thereupon, the seat **40** is looped as shown in Fig. 2 with the loops **48** attached to hooks **50**, the assemblies **64** are shifted to the lowermost end of the slots **66** and re-tightened, the tray **56** is moved toward the bight **72** and the cross member **14** is received between the blocks **70**. Support **76** is swung to a position between tray **56** and the cross member **14** and the latch **74** is swung to the position beneath the bight **72**.

Collapsing for storage or shipment as shown on Fig. 6 is accomplished by swinging the frames **10** and **12** relatively to move the cross member **14** toward the cross bar **38**, and the tray **56** is swung to a position behind the frame **12**.

Details of construction such as the way in which the seat **40** is selectively connected to the frames **10** and **12**; the way in which the arms **60** and **62** are swingably and shiftably joined to the frame **12**; the manner of joining the tray **56** to the frame piece **58**; the way in which the tray **56** is held against movement relative to the cross member **14** when the assembly is used as a high chair; and the way by which the article is stabilized on the floor when in position to be used as a chair, may all be varied within the spirit of this invention and therefore, it is desired to be limited only by the scope of the appended claims.

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

1. In a collapsible combination high chair and baby carriage, a front and a rear frame, each having a pair of legs, the legs of the front frame crossing the legs of the rear frame; means pivotally securing each leg of the front frame to a corresponding leg of the rear frame for swinging movement of the frames relatively to and from a collapsed position; a flexible seat on one side of said pivotal means, said seat having a pair of ends and a bight, one of the ends being secured to one of the frames, the other frame having a cross member joining the legs thereof, said bight being looped around the member when the frames and seat are in a position for use as a high chair; releasable means including elements on the seat and elements on the one frame for joining the other of said ends to said one frame when the frames and seat are in said position for use as a high chair; means on said other frame adapted to receive said elements for joining said other end to the other frame with said bight looped between the frames when the frames and seat are in a position for use as a baby carriage; a tray; arm means swingably and shiftably secured to said one frame; means shiftably securing the tray to said arm means; releasable mechanism for joining the tray with said member when the frames and seat are in said position for use as a baby carriage; and structure for supporting the tray by said member when the frames and the seat are in said position for use as a high chair.

2. In the invention as specified by claim 1 wherein is provided releasable means for holding the tray against movement away from said member when the tray is supported by said structure.

3. In the invention as set forth in claim 1 wherein is provided releasable means for holding the tray against movement relative to the arms.

References Cited in the file of this patent

UNITED STATES PATENTS

1,562,161	Guterman	Nov. 17, 1925
2,532,556	Keough	Dec. 5, 1950