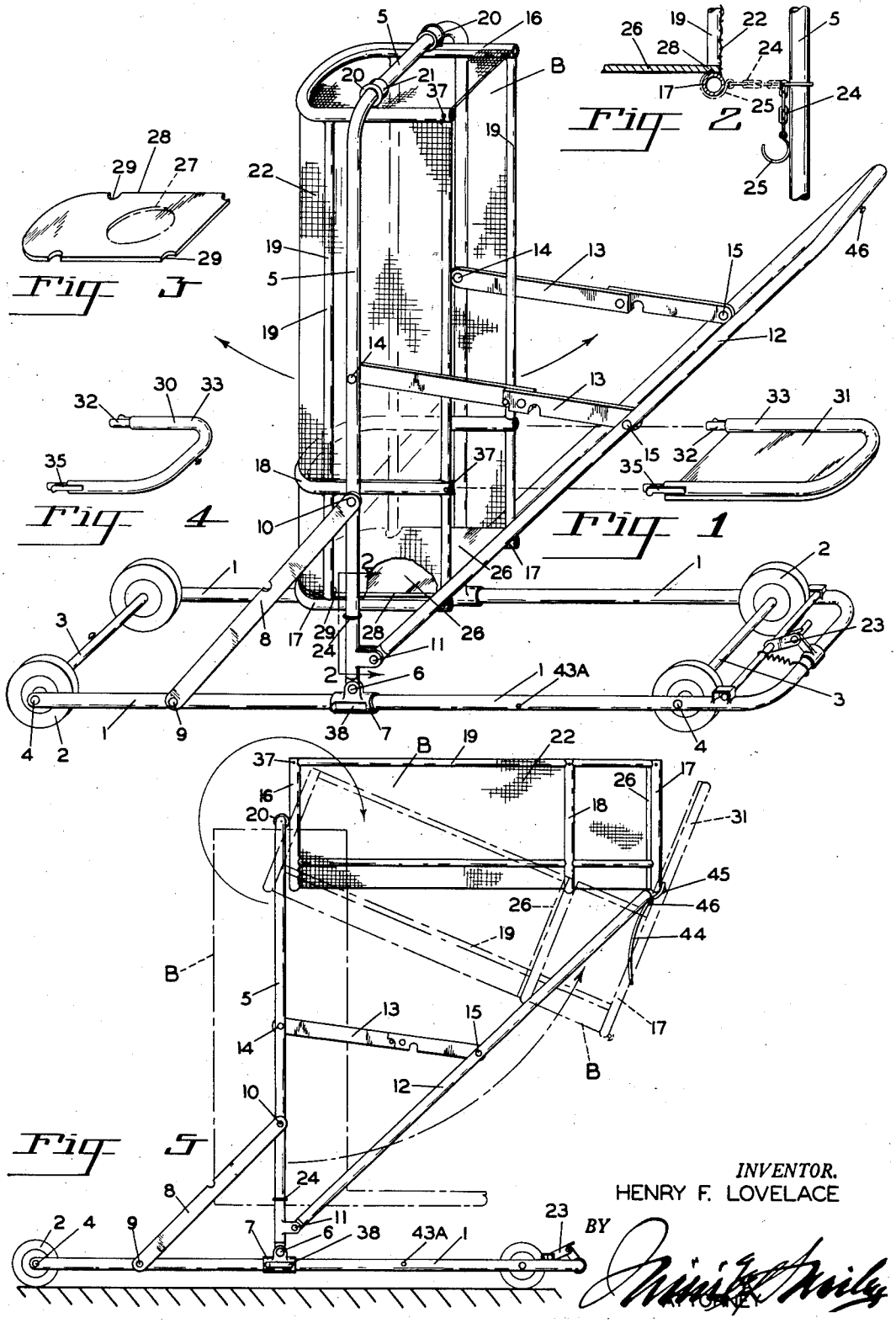
July 17, 1956 H. F. LOVELACE 2,754,889

WHEELED BASSINET CONVERTIBLE TO HIGH CHAIR AND OTHER INFANT DEVICES

Filed May 20, 1954 2 Sheets-Sheet 1



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Fig 6

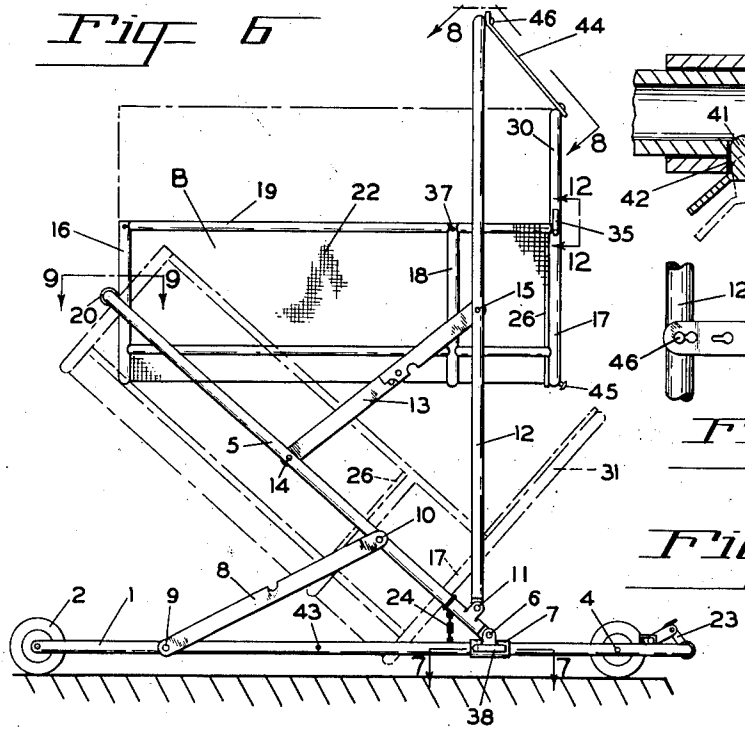


Fig 7

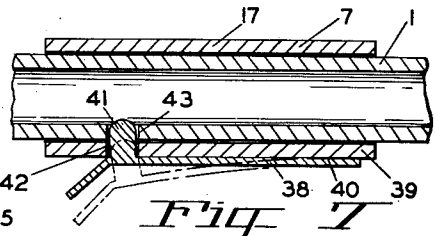


Fig 8

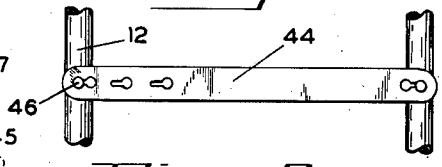


Fig 9

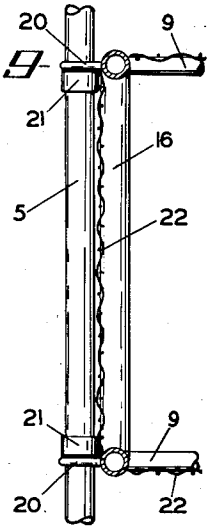


Fig 10

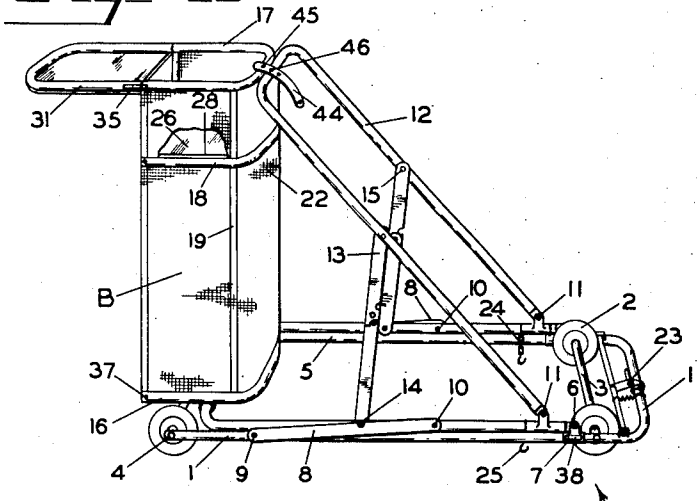


Fig 11

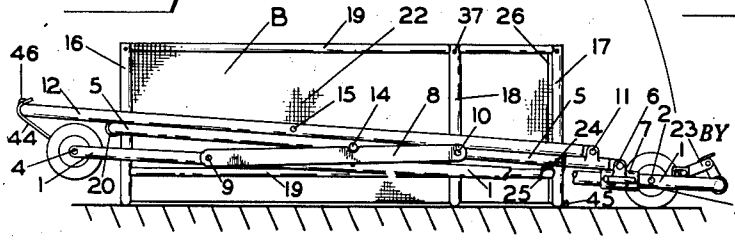
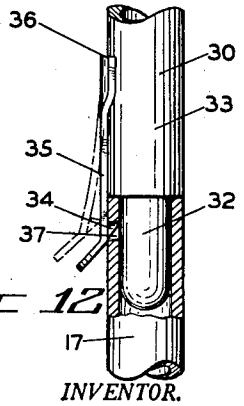


Fig 12



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WHEELED BASSINET CONVERTIBLE TO HIGH CHAIR AND OTHER INFANT DEVICES

Henry F. Lovelace, Portland, Oreg.

Application May 20, 1954, Serial No. 431,209

2 Claims. (Cl. 155—45)

My invention relates to an infant device and is particularly concerned with an infant device that can be readily converted into a bassinet, baby walker, baby stroller, various heights of beds, baby buggy, high chair, training chair, swing and so forth.

It is among the primary objects of the present invention to provide a simple, durable and inexpensive frame construction, the parts of which may be variously arranged and related to provide a number of convenient devices for use in child care and training.

Another object is to provide a wheeled device of the character set forth which may be readily adjusted to serve a plurality of useful purposes in infant care.

A further object of the invention is to provide a device of the character set forth which may be folded and compacted for minimum space consumption for shipment or storage without disengagement of parts and without loss of its easy conversion to the many uses to which it may be put.

The novel features that are considered characteristic of the invention are set forth with particularity in the appended claims. The invention itself, however, both as to its organization and its method of operation, together with additional objects and advantages thereof, will best be understood from the following description of a specific embodiment when read in connection with the accompanying drawings, wherein like reference characters indicate like parts through the several figures and in which:

Figure 1 is a perspective view of the device, arranged in the position for use as a swing, stroller, play chair or a training chair;

Figure 2 is an enlarged detail view, taken on line 2—2 of Figure 1;

Figure 3 is a detail view of a seat board forming part of the present invention;

Figure 4 is a perspective view of a detachable auxiliary device to be used in connection with the bassinet of the present invention;

Figure 5 is a side elevation of the device illustrating the bassinet in a horizontal position for use as a bed;

Figure 6 is a side elevation of the device arranged as a baby buggy, the broken lines showing the bassinet in a reclining position;

Figure 7 is an enlarged detail sectional view, taken on line 7—7 of Figure 6, illustrating the pivot mounting lock;

Figure 8 is a view taken on line 8—8 of Figure 6;

Figure 9 is a fragmentary plan view, taken on line 9—9 of Figure 6;

Figure 10 is a perspective view of the device as used for a high chair;

Figure 11 illustrates the device folded, and with the bassinet in horizontal floor supported position, and

Figure 12 is an enlarged detail sectional view, illustrating how the trays are connected to the bassinet.

The main body of the present invention comprises a U-shaped tubular base frame 1 mounted on wheels 2, journalled to cross shafts 3, which are in turn fixedly secured to the frame 1 at 4. Conventional wheel brake means is

shown at 23. An inverted U-shaped frame 5 is pivotally connected at 6 to the pivot support 7, slidably mounted in the side rails of the frame 1. The frame 5 may be braced for vertical position with respect to frame 1 by the braces 8 connected to the base at 9 and to the frame at 10. Pivotally connected at 11 to the frame 5 is a U-shaped handle which may be adjustably braced by the hinge brace assembly 13, one of its ends being connected at 14 to the frame 5 and the other connected to the handle 11 at 15.

The bassinet B consists of U-shaped end frames 16 and 17 and an intermediate U-shaped frame 18. Longitudinal rails or rods 19 space the end frames 16 and 17 apart, and support the intermediate frame 18. The bassinet unit B may be pivotally connected to a cross member 5' by the hangers 20, spaced on the cross bar 5' by collars 21. The sides, bottom and upper end of the bassinet are formed by a suitable material 22 such as wire screening, fabric or like material, one end or bottom of the bassinet is preferably left open, as shown, while the opposite end is closed by the bassinet material.

A chain 24 (Figure 2) is fixedly secured at one end to the frame 5 and carries a hook 25 at its opposite end for hooking over one of the rails 19 of the bassinet when being used as a stroller, play chair or when the device is in folded position. While the bassinet is being used as a swing, the hook 25 will be disengaged from the bassinet permitting the same free pivotal movement. A seat 26 is removably mounted to the end frame 17, as illustrated in Figure 1, when the device is being used in the position of Figure 1 as a swing, play chair or stroller. An opening 27 may be formed in a seat similar to the seat 26 to adapt the device for being used as a training chair. When the seat is being used, the edges 28 rest on the frames 17 or 18, while the notches 29 embrace the frame 5 to hold the seat in place.

A U-shaped device 30 is adapted to connect to the frame 17 and 18 for use as a handle and to guard against a child falling from the seat, or the tray 31 may be used. Both the device 30 and the tray 31 connect to the bassinet frames 17 and 18 in the following manner. Referring to Figure 12, dowels 32 are fixedly secured within the tubing 33 of the devices 30 and 31 and extend into the tubular frames 17 and 18 to be locked therein by the pin 34, mounted on spring 35, secured to tubing 33 at 36 for entry through hole 37 of the frames 17 and 18. The pivot support 7 is locked in the desired position (see Figure 7) a spring 38 fixedly secured to the body 39 of the pivot mounting 7, as welding at 40. A locking pin 41 is secured to the spring 38 and is adapted to enter through the opening 42 of the body 39 of the pivot support 7 and into the holes 43 located along the base frame 1.

Figure 1 of the drawings illustrates the device in the position to be used as a swing, the seat 26 being in place and the chain 24 disconnected as illustrated in Figure 2. The frame 5 is in a vertical position adapted to support the bassinet B, allowing it to pivot on its hangers 20 to within the frame 5. In the event it is desired to use the device as a play table, the tray 31 would be connected to the frame 18, as indicated by the broken lines and locked thereto by the pin 34 forming part of the spring 35, as illustrated in Figure 12.

When the device is to be converted into a stroller, the tray 31 would be connected to the lower frame 17. The device 30 of Figure 4 may be connected to the frame 18 and the chain 24 and the hook 25 would be applied to the bassinet frame as illustrated in Figure 2 holding the same in a vertical position.

Referring to Figure 5, the device is shown as used for a bed, wherein the bassinet B is brought to a horizontal position and is supported by the handles 12. A strap 44, illustrated in Figure 8, is hooked to the pin 45 forming part of the frame 17 and to the pin 46 forming part of the

handle 12. This holds the bed or bassinet in a fixed position. In this view I illustrate by broken lines the bassinet or bed in an inclined position. In this position it would be secured to the handle 12 by the strap 44 in the proper position. The tray 31, shown in Figure 1, may be brought into place as illustrated to close the lower end of the bed. The device 30 and the tray 31 may also be applied to the frame of the bassinet on both ends so that a canopy may be laid over the top to protect the infant as illustrated by broken lines in Figure 6. Figure 6 also illustrates the use of the device as a baby buggy, the bassinet being in horizontal or inclined position as indicated by broken lines. In this use the pivot mounting 7 is moved from the position shown in Figures 1 and 5 to the position shown in Figure 6 by releasing the pin 41 from the hole 43 within the frame base 1. This will allow the pivot unit 7 to move to the hole 43A of the base frame 1 where the pin 41 will hold the same in a fixed position. This will bring the frame 5 to an inclined position and the handle 12 to a vertical position so that the bassinet B can take the horizontal position from its pivot point on the frame 5 to a position within the handle 12, where it is supported by the strap 44 by way of the pin 45 on the bassinet and the pin 46 on the handles 12.

Figure 10 illustrates the device used as a high chair. The position of the frame 5 and the handle 12 is again changed wherein the pivot unit 7 will be released allowing the same to take a position as shown by allowing the frame 5 to rest in a relatively horizontal position, including the braces 8. The hinge braces 13 act as a support for supporting the handle on an inclined position. The bassinet is then brought to a vertical position, having its upper ends 17 connected to the upper cross member of the handles 12. When used, as shown in Figure 10, the tray 31 is brought into place on the upper frame 17 of the bassinet while the seat 26 rests upon the intermediate frame 18. In Figure 11 I illustrate the device completely folded either for storage or to be used as a sleeping bassinet.

Although a certain specific embodiment of the invention has been shown and described, it is obvious that many modifications thereof are possible. The invention, therefore, is not to be restricted except in so far as is necessitated by the prior art and by the spirit of the appended claims.

What I claim is:

1. A device of the character described comprising an open elongate base frame supported by wheels adjacent its opposite ends and including spaced, parallel side members, a first U-shaped member presenting a pair of spaced legs interconnected at one end by a bight portion, means slidably and pivotally connecting the free ends of said legs to said side members of the base frame, a second U-shaped member having spaced legs interconnected at one end by a bight portion, the free ends of the legs of said second member being pivotally attached to the legs of said first member adjacent the free ends of the latter, collapsible brace means interconnecting portions of the first and second members remote from the pivotal connection therebetween and maintaining said members in divergent relation when the brace means is extended, second brace means extending between said base frame and the first member, the first mentioned means including latch mechanism to anchor the free ends of the legs of the first member in selected positions along said base frame whereby the second brace means maintains the first member in respective angular relations to the base frame, a bassinet pivotally secured at one end to the bight portion of said first member, and means for detachably securing the opposite end of the bassinet to the bight portion of said second member.

2. The device as defined in claim 1 including a tray member detachably secured to said opposite end of the bassinet, and a seat member removably supported within the bassinet to cooperate with the tray member when the bassinet is in a vertical position to provide a high chair, said latch mechanism being disengaged when the bassinet is in the vertical position with the arms of the first member resting upon the side members of said base frame.

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