July 31, 1951 W. M. HUDSON 2,562,616

PORTABLE FOLDING SWING SUPPORT

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Fig. 1

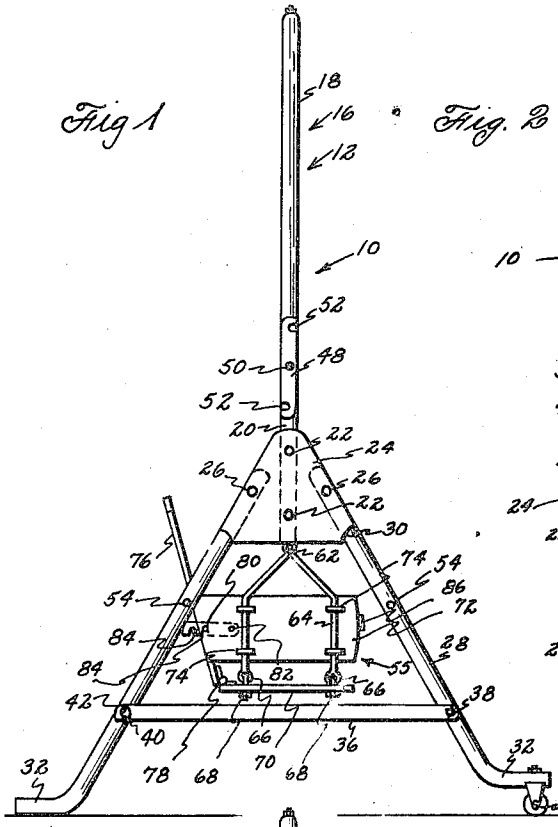


Fig. 2

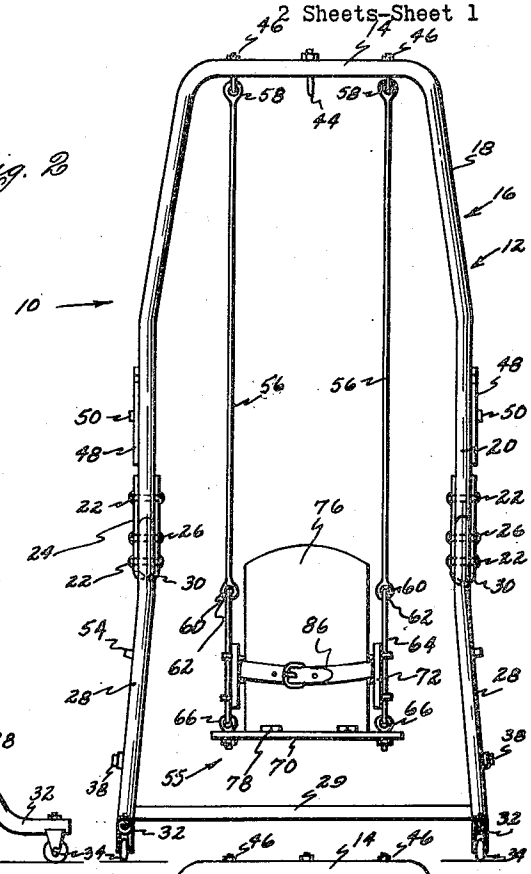


Fig. 3

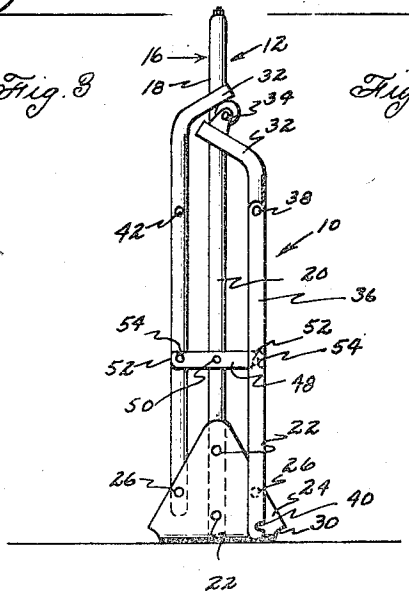
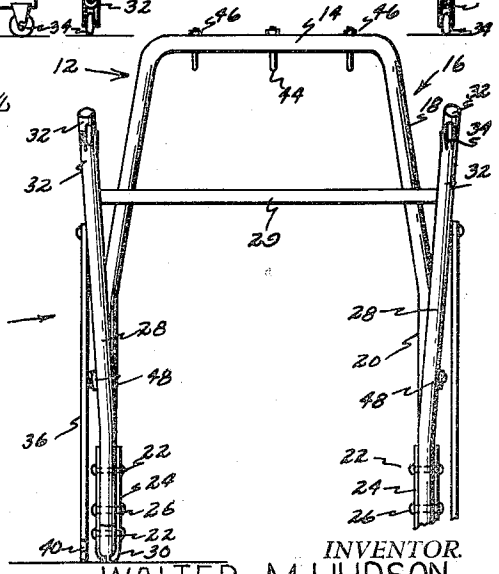


Fig. 4



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PORTABLE FOLDING SWING SUPPORT

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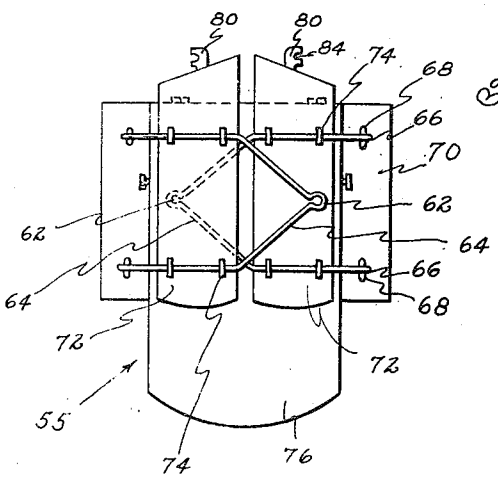


Fig. 5

Fig. 6

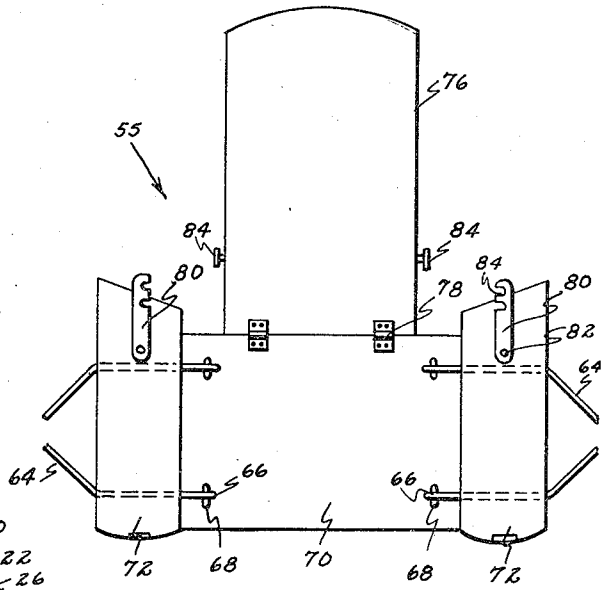


Fig. 7

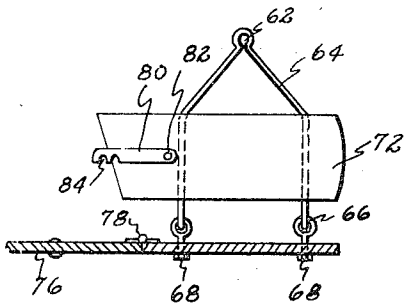
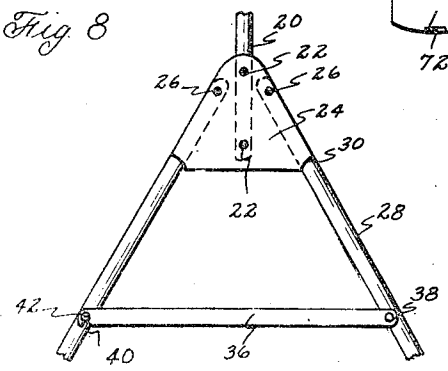


Fig 8



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PORTABLE FOLDING SWING SUPPORT

Walter M. Hudson, Salt Lake City, Utah

Application January 18, 1946, Serial No. 641,963

2 Claims. (Cl. 248—166)

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This invention relates to a portable folding swing and the principal object of the invention is to provide a swing the use of which will permit the occupant thereof to be removed from one location to another whether indoors or outdors.

Another object of the invention is to provide a swing that will replace the old conventional type of indoor swing in use for infants which are suspended from hooks usually positioned in doorways.

This invention provides a swing which embodies all of the conveniences necessarily required especially for indoor use since it is self-supporting. The infant may be moved while seated in the swing from one room to another where it may be in the company of its mother or attendant at all times.

A further object of the invention is to provide a swing which is simple in construction, durable in use and can be easily folded into a compact form for storage, requiring limited storage space.

With the above and other objects and advantages in view the invention consists of the novel details of construction, arrangement and combination of parts more fully hereinafter described, claimed and illustrated in the accompanying drawings in which:

Figure 1 is a side elevation of an embodiment of the invention.

Figure 2 is a front elevational view thereof.

Figure 3 is a side elevation in folded position.

Figure 4 is a front elevational view thereof.

Figure 5 is a plan view of the seat in folded position.

Figure 6 is the same with the seat unfolded and ready for assembly.

Figure 7 is a side view of the seat; and

Figure 8 is a detailed view of the supporting plates for the legs.

Referring more in detail to the drawings the numeral 10 designates the portable swing frame which may be constructed of metal or wood and comprises the U-shaped swing supporting member 12. The member 12 comprises the crosshead 14 and the parallel opposed uprights 16, having the inwardly inclined portion 18 joining the crosshead 14 and the straight portion 20 connected at its lower ends by means of bolts 22 to the substantially triangular shaped plates 24. The plates 24 are diametrically opposed to each other and are adapted to pivotally support by means of the pivot pins 26 the outwardly diverging and inclined legs 28 which are joined at their lower ends by cross bars or braces 29. The opposite lower corners of the plates 24 are in-

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turned at 30 to provide abutments for the legs 28, and the legs are provided with horizontal feet 32, the front ones being provided with swivelled casters 34 and the rear ones may be provided with some anti-slipping material to grip the floor and prevent the frame 10 from creeping on the floor while in use. The casters also may be of the self-locking type to retain them in position after the frame has been moved from one location to another.

Latch bars 36 are pivoted to the front legs by means of pin 38 and the rear ends of the bars 36 are notched at 40, to engage the pins 42, whereby the legs 28 are locked in position.

The swing frame is designed to accommodate most any type of swing which is available at the present time and thus is provided with the eye bolt 44 at the center of the crosshead 14 for the teeter type of swing and with the eye bolts 46 for the type of swing using the parallel supporting ropes. When the frame is folded as shown in Figures 3 and 4 latch bars 48 pivoted on the uprights 16 by pins 50 engage by means of notches 52 the pins 54 provided on the legs 28 thus retaining the frame in folded compact position.

In the embodiment shown the swing 55 is suspended from the eyebolts 46 by means of suspension rods 56 having eyebolts 58 interfitted with the eyes 46 at their upper ends and eyebolts 60 at their lower ends, interfitted with the eyebolts 62 of the substantially triangular shaped seat supports 64 which in turn are provided with eyebolts 66 at their lower ends to interfit with the eyebolts 68 secured to the seat 70.

Side boards 72 are secured to the seat supports 64 by loop hangers 74 and the back 76 is hinged at 78 to the seat 70 as shown. Pivoted latch bars 80 are pivotally mounted on the side boards 72, by means of pins 82 and are provided with a plurality of notches 84 to adjustably engage the pins 84' on the opposite edges of seat back 76. Thus as shown in Figures 5 and 6, the seat can be easily folded for storage. A safety belt 86 attached to the side boards 72 holds the back and side boards in proper position as well as retaining the infant therein.

Thus a portable folding swing and support has been provided which is practical and efficient providing a comfortable and fully equipped swing that may be moved from one location to another without removing the occupant therefrom. Larger sizes may be provided for outdoor use to accommodate larger children and when folded into a small compact form it provides the

necessary convenience for storing and crating for shipping. The simplicity of construction, reasonable cost of manufacture and other evident advantages which feature this invention, provides a device which is attractive in design and efficient in operation.

It is believed that the operation and construction of the invention will be apparent to those skilled in the art and it is to be understood that changes in the details of construction, arrangement and combination of parts may be resorted to provided they fall within the spirit of the invention and 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. A device of the character described, comprising a frame having a supporting member, plates secured to the ends of said member, legs pivotally secured to said plates, feet on the legs at their lower ends, means on said feet for moving said frame, the opposite lower corners on said plates being inturned to provide abutment adapted to engage said legs for retaining said legs in position, latching means on said legs for

latching said legs in extended position, means for latching said frame in folded position and means on said supporting frame for suspending a swing therefrom.

2. The invention as in claim 1 wherein said supporting member is U-shaped comprising a straight bridge head and uprights joined thereto comprising a straight portion, and an inwardly inclined portion formed at opposite ends of said bridgehead.

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