

H. D. SHAW.
HAMMOCK CRIB.
APPLICATION FILED SEPT. 21, 1917.

1,260,075.

Patented Mar. 19, 1918.

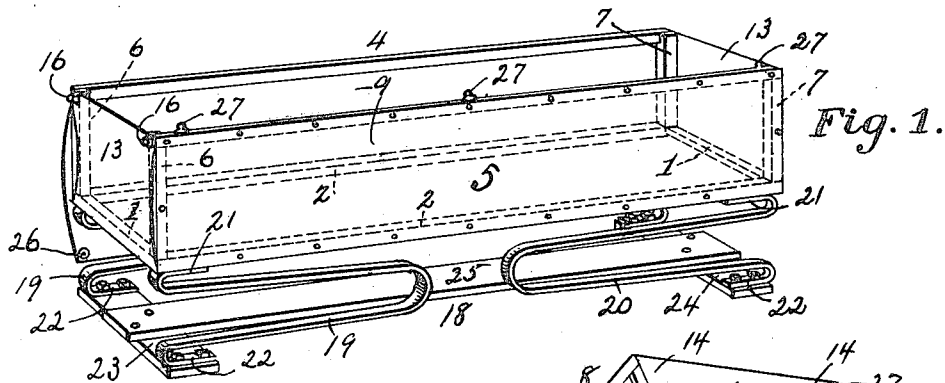


Fig. 1.

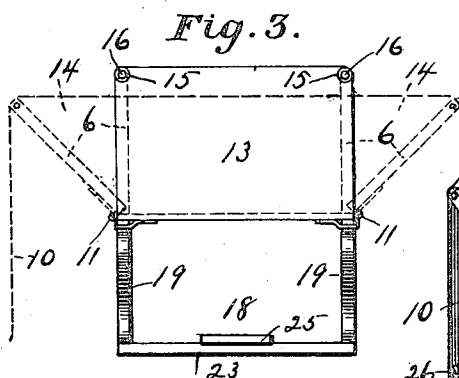


Fig. 3.

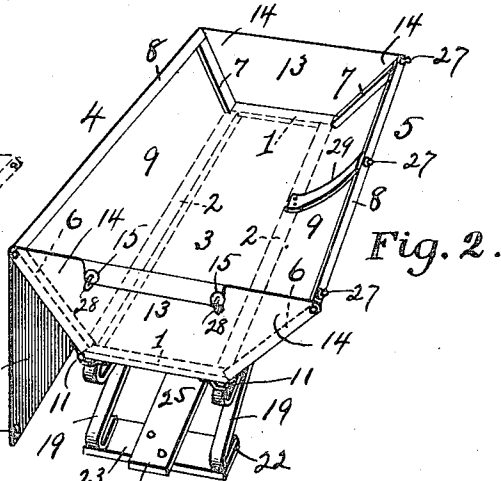


Fig. 2.

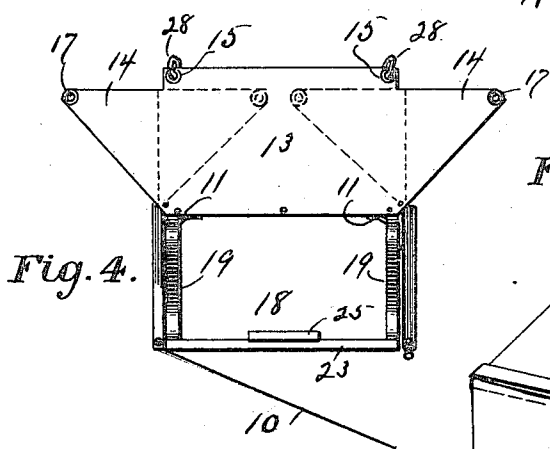


Fig. 4.

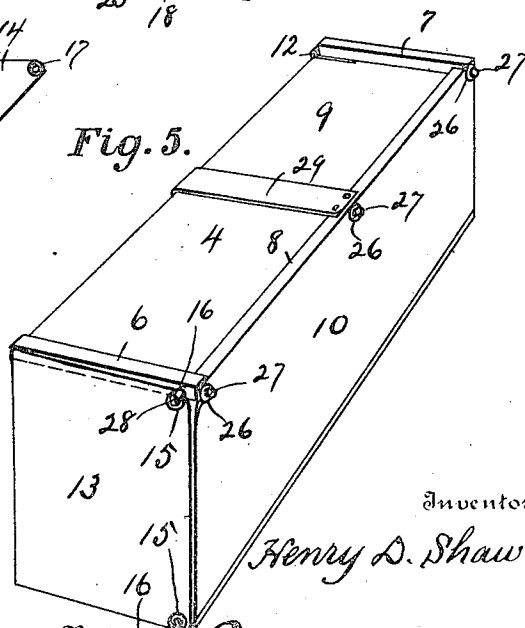


Fig. 5.

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UNITED STATES PATENT OFFICE.

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HAMMOCK-CRIB.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HENRY D. SHAW, a citizen of the United States, residing at Sunderland, in the county of Bennington and State of Vermont, have invented certain new and useful Improvements in Hammock-Cribs, of which the following is a specification.

My invention relates to improvements in hammock cribs and the principal objects in view are to provide a portable crib for infants which may be set up in an automobile and used when traveling and when not in use to be folded compactly and readily carried and to embody in the device means for neutralizing the vibration and jolting of the automobile. The device is one which may be used indoors or as a camp-crib outdoors and the construction is light and durable. The advantages of a portable crib for infants which may be used in automobile travel or carried and used as a camp-crib or used indoors, and when not in use may be folded in a convenient form for carriage or storage, will be obvious.

With these and other objects and advantages in view, my invention consists of the construction and combination of parts hereinafter described and claimed.

In the drawings which accompany and form a part of these specifications, Figure 1, is a perspective view of the crib set up and ready for use, the adjustable sides being closed; Fig. 2, is also a perspective view but with the sides in another position; Fig. 3 is an end view with sides up and shown down in dotted lines; Fig. 4 is an end view of the crib folded but with end and side flaps not fastened in place; and Fig. 5 is a perspective view of the crib completely folded and ready for carriage by hand.

The same reference numerals are used in the different views of the drawing to indicate the same parts of the construction.

The frame which forms the bottom of the crib is rectangular in shape and comprises end pieces 1, 1, and side pieces 2, 2, made of light but durable material, preferably wood, suitably fastened or jointed at the corners and covered over with a fabric 3, preferably canvas. The canvas thus supported inside of the frame forms a bed-bottom with the characteristics of a hammock.

Each of the sides, 4 and 5, of this crib is constructed of two end pieces or strips 6, and 7, and a connecting side piece or strip

8, made of the same kind of material as the bottom frame. The sides are covered with a fabric 9, similar to the bottom of the crib, and on one side 4, the fabric covering is wider and extends beyond the side strip 8, to form a flap 10 which is used when the crib is folded up. The free ends of the end strips 6 and 7 are suitably hinged, as at 11 and 12, to the frame of the crib-bottom so that the sides may be pivotally moved in an arc of approximately 180 degrees. This will permit of a vertical adjustment of the sides, as shown in Fig. 1, when the crib is in use and it is desired to close them, or when the crib is to be folded up these sides may be swung back against the platform-base of the crib, as shown in Fig. 4.

Fastened to the frame of the crib-bottom, on the end pieces 2, 2, are flaps 13, 13, of canvas or other suitable fabric, forming the head and foot inclosures of the hammock-crib when in use. These flaps are made with V-shaped extensions 14, 14, and provided with eyelets 15, 15, which engage with the stud-pins 16, 16, on the end pieces 6 and 7 of the sides when in the closed position, as shown in Fig. 1, and with other eyelets 17, 17, placed in the ends of the V-shaped extensions which engage with the stud-pins when the sides are in the position shown in Fig. 2. When the crib is in use and being carried in an automobile with a small space between the front and rear seats, it may be found necessary to adjust the sides to the first-mentioned position, but when there is ample space for the crib, its sides may be lowered to the second position, thus giving the baby more room and comfort.

The crib when in use is resiliently supported on a platform-base 18, by means of springs 19 and 20 interposed therebetween.

The springs may be U-shaped, as shown, and made of flat metal strips or bands with the terminals bent over and fastened securely to the bottom-frame of the crib as at 21 and to the platform-base, as at 22, but it should be understood that I do not limit myself to this construction of means to provide the resilient support for the crib. Any equivalent which will give the necessary resiliency as well as stability, without side-sway to the crib will come within the spirit of my invention.

The platform-base 18, is constructed of two flat end pieces 23 and 24, transversely placed and of suitable width to give stabil-

ity to the crib, which said pieces are connected by a longitudinal piece or strip 25, securely fastened to said end-pieces. This platform is constructed from some light but durable material, preferably wood, and the resilient supports 19 and 20, for the crib, are secured to the end-pieces 23 and 24.

When the hammock-crib is out of use, to fold it up, the end flaps 13, 13, should be disengaged from the studs 16, 16, and the sides 4 and 5 swung out of position and back against the platform-base 18. The flap 10 on the side 4 is then fastened over the bottom of the platform-base by engaging the eyelets 26, provided along the edge of this flap, with the studs 27 carried by the side-piece or strip 8 of the side 5. The end flaps 13, 13, are then dropped in place and fastened to the studs 16, 16, by means of loop-fasteners 28 which are carried by the eyelets 15, 15, thus closing both ends and giving the folded crib the general appearance of a form of traveling-bag. When the flaps 13, 13, are fastened in place, the V-shaped extensions thereof should be tucked inside. A hand-strap 29, of canvas or any other suitable material, is attached to the side 5, in the middle thereof, so that the folded crib may be easily carried, one end of the strap being secured to the side-piece 8 while the other end is secured to side-piece 2 of the crib-bottom frame.

Having thus fully described my invention what I claim as new and desire to secure by Letters Patent of the United States, is:

1. In a folding crib, the combination of a crib-bottom, an underlying support-base, resilient supports interposed between the crib-bottom and the support-base, drop-sides and ends secured to the crib-bottom and dimensioned to inclose the base when in a let-down position, and means for adjusting said sides to a position between an upright or closed position and the let-down position.

2. In a folding-crib, the combination of a crib-bottom, an underlying support-base,

resilient supports interposed between the crib-bottom and the support-base, drop-sides and ends secured to the crib-bottom and dimensioned to inclose the base when in a let-down position, means for adjusting said sides to a position between an upright or closed position and the let-down position, and a closure for the underside of the base when the sides and ends are in the let-down position comprising a flap secured to one of said sides and attachable to the other side.

3. In a folding crib, the combination of a fabric-covered frame forming a crib-bottom, fabric-covered frames hingedly connected thereto and forming sides, fabric flaps secured to the end of said frame of the bottom and means for removably attaching said flaps to the sides of the crib when in position, a supporting base for said crib, resilient connections between said base and the crib-bottom, a flap attached to one of said sides and means for securing said flap and the flaps carried by the bottom-frames to inclose the base, when the sides of the crib are dropped.

4. In a folding crib, the combination of a fabric-covered bottom-forming frame, fabric-covered side frames hingedly connected thereto, fabric end-forming flaps secured to the ends of said bottom-forming frame, with means for adjustably attaching said end flaps to the sides of the crib when in position, a supporting base for said crib-bottom, resilient connections between said base and crib-bottom, a flap attached to one of said sides, means for securing said flaps to inclose said base when the sides are dropped out of position and a hand-grasp on the outside of the closure thus formed.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY D. SHAW.

Witnesses:

PHEBE F. DEMING,
MARTIN P. DEMING.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."