

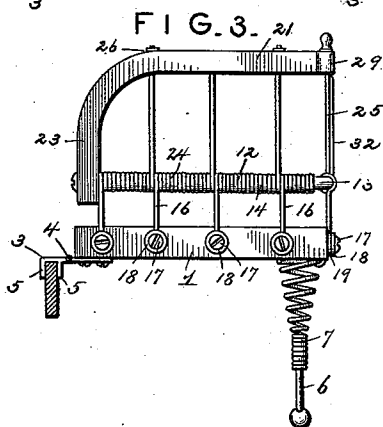
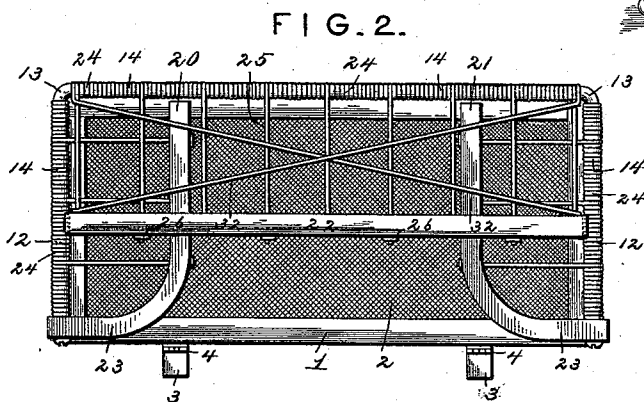
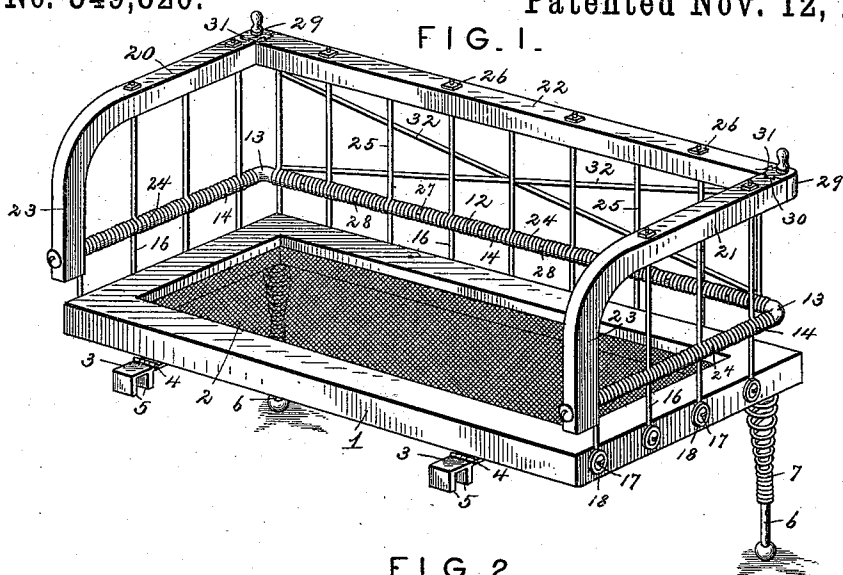
(No Model.)

2 Sheets—Sheet 1.

W. W. PURSELL.
CHILD'S CRIB.

No. 549,820.

Patented Nov. 12, 1895.



Inventor

William W. Pursell.

By His Attorneys,

C. A. Snow & Co.

Witnesses

Harry L. Amer.

R. M. Smith.

(No Model.)

2 Sheets—Sheet 2.

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FIG. 4.

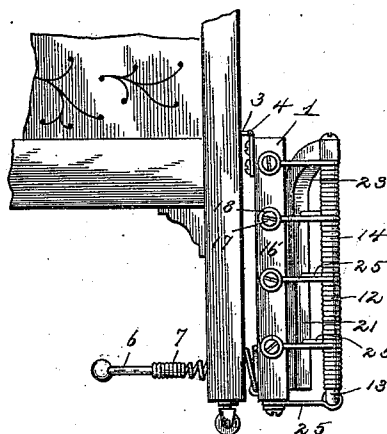


FIG. 5.

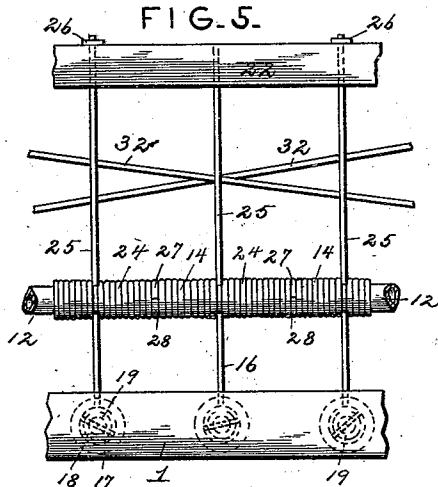


FIG. 7.

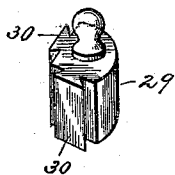


FIG. 8.

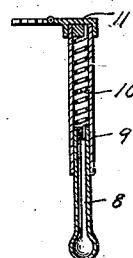
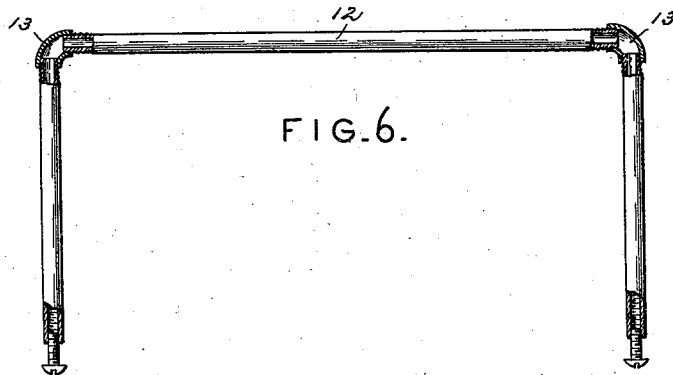


FIG. 6.



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UNITED STATES PATENT OFFICE.

WILLIAM W. PURSELL, OF BERWICK, PENNSYLVANIA.

CHILD'S CRIB.

SPECIFICATION forming part of Letters Patent No. 549,820, dated November 12, 1895.

Application filed March 9, 1895. Serial No. 541,164. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM W. PURSELL, a citizen of the United States, residing at Berwick, in the county of Columbia and State of Pennsylvania, have invented a new and useful Child's Crib, of which the following is a specification.

This invention relates to an improvement in cribs.

The object of this invention is to provide a crib which shall be simple, light, and inexpensive in construction, possess great durability, have a neat and attractive appearance, and be capable of being folded into very compact form for storage, shipping, or transportation.

A further object is to provide for folding the crib in such manner as to protect and hold the mattress and bedclothes in their proper position and at the same time render the crib capable of being attached to and turned down upon the side or an ordinary bed.

My invention consists in the combination, with a rectangular frame supported upon flexible legs of coiled spring-wire, of a supplemental superposed frame, side and end rails pivoted thereto and held in place by means of coiled wire springs and upwardly and downwardly extending spring-arms, and means for securing the side and end rails together at the corners and pivoting the crib to the side bar or frame-piece of an ordinary bed; also, in certain features and details of construction and arrangement of parts, hereinafter fully described, illustrated in the drawings, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of a crib constructed in accordance with my invention. Fig. 2 is a plan view of the same, showing the manner in which the side and end rails are folded into horizontal position for protecting and holding the bedclothes in position preparatory to turning the crib down at the side of the bed to which it is attached. Fig. 3 is an end elevation of the crib, showing the manner of its attachment to the side bar or frame-piece of an ordinary bed, said side bar being shown in section. Fig. 4 shows the position the crib occupies when folded or turned down at one side of a bed. Fig. 5 is an enlarged view of a pair of coiled-spring-wire sections,

showing, also, a portion of the main rectangular frame, supplemental superposed frame, and top rail, and the connection and relation of the coiled-spring-wire sections thereto. Fig. 6 is a plan view of the supplemental frame, showing the corner elbows and screws for securing the end rails in place. Fig. 7 is an enlarged perspective view of the corner-piece for connecting the side and end top rails at the corners thereof. Fig. 8 shows a modification in the form of the flexible supporting-legs.

Similar numerals of reference indicate corresponding parts in the figures of the drawings.

Referring to the drawings, 1 indicates the open rectangular main frame of the crib, which is provided with a woven-wire center 2 for supporting the mattress in the usual manner. The frame 1 is provided at one side with two or more coupling-plates 3, hinged thereto, as shown at 4, and provided with downwardly-projecting lugs 5 for striding the top edge of the side bar or frame-piece of an ordinary bed. By means of these hinged coupling-pieces 3 the main frame 1 is pivotally connected with the bed at one side, and said frame is provided at its other or outer side with supporting-legs 6, as shown. The lower portion of each leg is made from wood, preferably round in cross-section and threaded at its upper end, adapting it to be screwed into the lower end of a flexible upper portion composed of coiled spring-wire 7, attached at its upper end beneath the corner of the rectangular main frame 1. By turning the lower portion 6 of the leg to the right or left and screwing it into or out of the upper flexible spring-wire portion 7 the length of the leg may be regulated and made longer or shorter to accommodate children of different weights. A modification in the form of a leg is shown in Fig. 8, in which the leg is composed of two pieces of telescoping tubes 8 and 9, a supporting-spring 10, and a hinged coupling-piece 11, whereby the same is attached to the frame 1. In either case it will be apparent that by pressing upon the main frame 1 or upon the top rails, (hereinafter described,) an up-and-down or rocking motion may be imparted to the crib as a whole for soothing an infant.

Superposed above the main frame 1 is a sup-

plemental frame 12, made from tubing, provided with corner-elbows 13, as shown. The supplemental frame 12 is supported slightly above the main frame 1 by means of a series of coiled-spring-wire sections 14, the coiled portions thereof surrounding the tubular frame 12, and the downwardly-extending arms thereof being secured to and upon the outside of the main frame by means of a washer 18, screw 17, passing through a loop or eye in the lower end of the arm 16, as shown at 19, or in other convenient manner.

20 and 21 indicate the end rails of the crib, and 22 a side rail thereof. Where the crib is made in a form adapting it to be attached to an ordinary bed, the end rails are formed with downwardly-extending arms 23, the lower ends of which are secured to the ends of the tubular frame end bars by means of screws, in which case the supplemental frame 12 is left open on the side adjacent to the bed and extends around three sides only of the crib. The top rails 20, 21, and 22 are upheld and supported by means of coiled-spring-wire sections 24, similar to the sections 14, above described, also equal in number thereto, arranged to alternate therewith in their position surrounding the tubular frame 12 and provided with upwardly-extending arms 25, which enter perforations in the top rails. Every third or fourth arm 25 passes entirely through the top rails and above the same is provided with a screw thread and nut 26 for more effectively securing the top rails to the upper ends of the arms 25.

By reference to Fig. 5 it will be seen that the coiled-spring-wire sections terminate in the ends 27 and 28, which abut against each other when the rails are in upright position. By means of this arrangement the side and end rails may be folded inward; but when the said rails are pressed outward said ends 27 and 28, coming in contact, will support the said rails flexibly, allowing them to be pressed outward only by overcoming the tension of the spring-sections.

29 indicates a coupling-block provided with flaring tongue or ribs 30, which are adapted to slide within and engage corresponding dovetailed grooves or recesses in the adjacent corners of the side and end top rails, (indicated at 31,) by means of which said top rails are coupled together and held in upright position. Suitable wires 32 for bracing the top rails relatively to the supplemental frame 12 may be extended diagonally from the upper right-hand end of the top rail to the opposite or left-hand end of the supplemental frame, and vice versa, if desired.

By means of the hinged coupling-pieces 3 and the flexible legs 6 7 the crib is adapted to be turned or folded down on one side of a bed, as indicated in Fig. 4, when it will occupy but slight room and will not interfere with a person getting into or out of bed or making up the same. The bedclothes, mattress, &c., will be securely held in place by

means of the folding sides and ends of the crib, the grooved or recessed ends of the side bar or top rail 22 being adapted to engage the supplemental frame or its coiled-spring-wire sections in the manner shown in Fig. 3, thus locking the side and end rails in their folded position. In case it is not desired to use the crib as an attachment to a bed, other legs may be supplied beneath the main frame and the crib may be further provided with an additional side rail similar to and arranged upon the opposite side of the main frame from the rail 22 and supported in like manner.

From the foregoing description it will be apparent that the crib, being made principally from wire, will be very light and strong; that by the arrangement of parts as described the crib is adapted to be folded into compact form; that it may be folded down upon one side of a bed, so as to be out of the way, and that the crib, being supported upon flexible legs, is adapted to be rocked in a manner somewhat similar to a cradle.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus described my invention, what I claim is—

1. In a crib, a rectangular main frame, in combination with a supplemental frame, superposed thereon, and held in place by means of coiled wire springs, and downwardly extending spring arms, substantially as and for the purpose described.

2. In a crib, a rectangular main frame having a woven wire center, in combination with a superposed supplemental frame secured thereto, and the side and end top rails pivoted to said supplemental frame, and supported by means of coiled wire spring sections, and the upwardly extending arms thereof, substantially as described.

3. In a crib, a rectangular main frame, in combination with a supplemental frame superposed thereon, side and end rails pivoted to the latter and adapted to be folded inward for the purpose described, the flexible and vertically compressible supporting legs, and the coupling plates having a hinged connection with the crib for attaching the latter pivotally to the side bar or frame piece of an ordinary bed whereby the crib may be folded down at the side of the bed without being detached therefrom, substantially as described.

4. In a crib, a rectangular main frame, in combination with flexible supporting legs each of which comprises a rigid lower portion and an upper flexible portion, said lower portion being adjustable relatively to the upper portion whereby the height of said flexible legs may be adjusted, and the spring-supported side and end top rails adapted to be folded inward, substantially in the manner and for the purpose described.

5. A crib made in a form adapting it to be

pivotally attached to an ordinary bed, and consisting of a rectangular main frame, side and end top rails, having a pivotal connection therewith and formed with dove-tailed grooves in their adjacent ends, dove-tailed corner blocks for securing the side and end top rails together, flexible supporting legs located beneath the main frame, and suitable coupling plates having a hinged connection with the crib for attaching the latter pivotally to said bed, all arranged and adapted to operate as specified.

6. In a crib, a rectangular main frame, a supplemental superposed frame, and side and end rails pivoted thereto, in combination with the spring wire sections interposed between the main frame and the side and end rails for flexibly supporting the latter, and adapting them to be folded in the manner substantially as described.

7. In a crib, a rectangular main frame, a superposed supplemental frame supported thereon, the side and end top rails pivotally connected with said supplemental frame, the spring wire sections interposed between the main frame and the top rails, and the screws for fastening the downwardly projecting arms of the end rails to the supplemental frame, substantially as described.

8. In a crib, a rectangular main frame, a supplemental superposed tubular frame, and the side and end top rails, in combination with a series of coiled spring wire sections for

supporting the supplemental frame and top rail, arranged in opposing pairs or sets, one of said sections surrounding the supplemental frame, and extending thence downward to and secured to the main frame, and the other surrounding the supplemental frame and extending from thence upward to and connecting with one of the top rails, substantially as and for the purpose described.

9. In a crib, a main supporting frame, a supplemental superposed frame, and the side and end top rails pivoted thereto, in combination with a series of coiled spring wire sections arranged in pairs or sets, each alternate section surrounding the supplemental frame and extending from thence downward to and connecting with the main frame, and every other alternate section surrounding the supplemental frame and extending from thence upward to and connecting with a top rail, whereby the top rails are flexibly supported with relation to the main frame, and at the same time are adapted to be folded in the manner substantially as and for the purpose described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM W. PURSELL.

Witnesses:

J. U. KURTZ,
J. F. BOWER.