No. 704,443. Patented July 8, 1902.

H. G. DORAN.

COMBINED CRIB AND TABLE.

(Application filed Dec. 10, 1901.)

(No Model.)

Fig. 1.

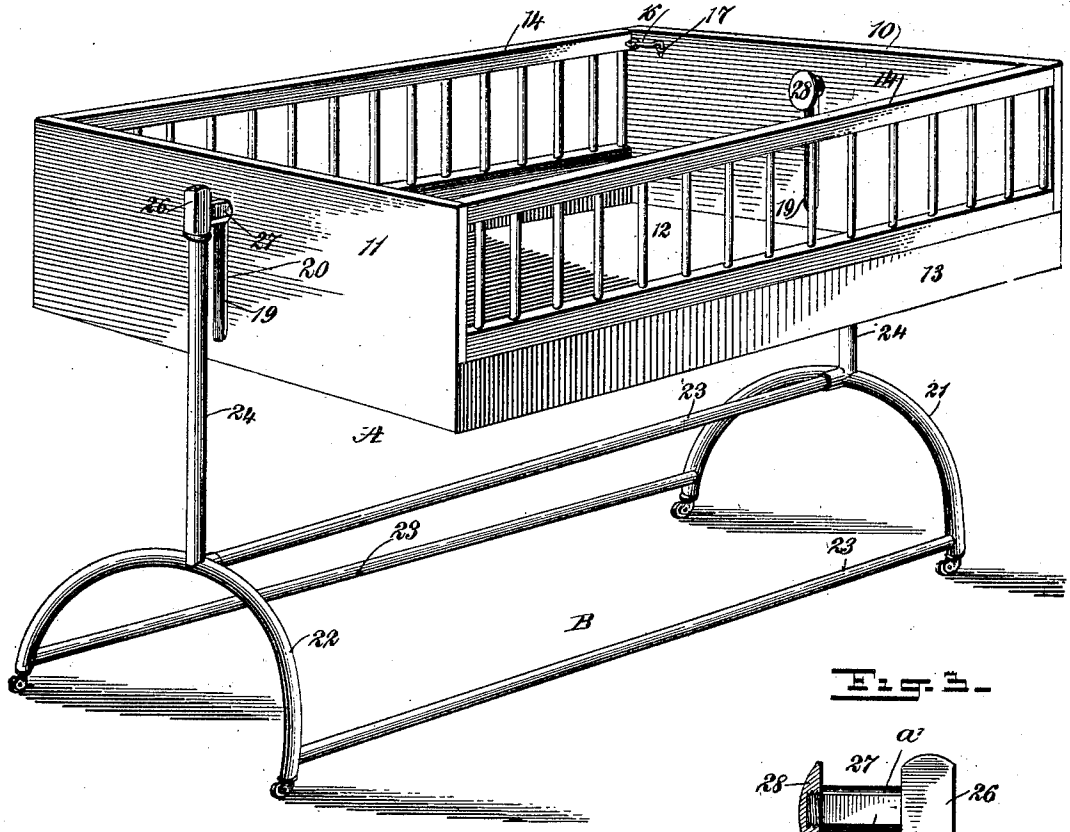


Fig. 3.

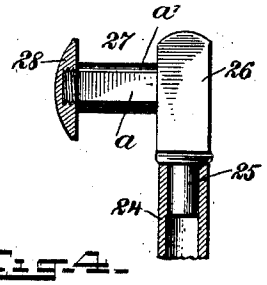


Fig. 2.

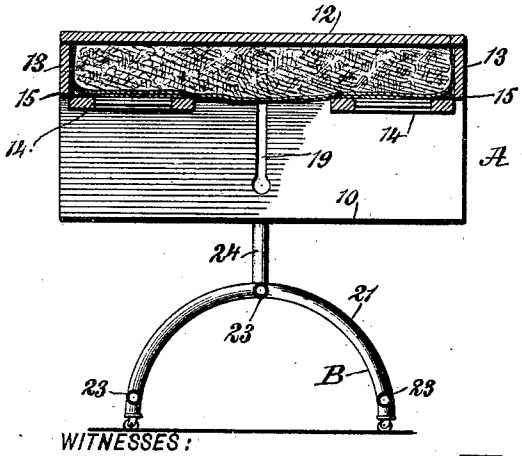
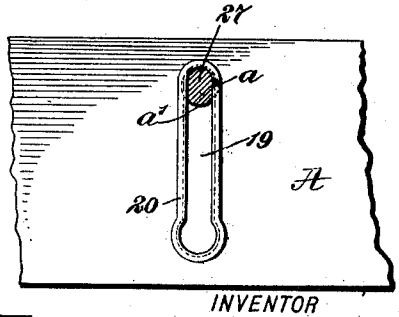


Fig. 4.

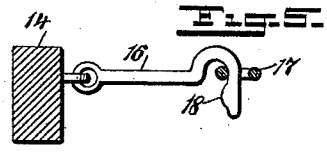


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Fig. 5.



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COMBINED CRIB AND TABLE.

SPECIFICATION forming part of Letters Patent No. 704,443, dated July 8, 1902.

Application filed December 10, 1901. Serial No. 85,316. (No model.)

To all whom it may concern:

Be it known that I, HARRY G. DORAN, a citizen of the United States, and a resident of the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Combined Crib and Table, of which the following is a full, clear, and exact description.

The purpose of the invention is to provide an article of furniture which may be used as a crib or as a table and be quickly and conveniently changed from one to the other, and, further, to so construct the article that the body-section may be locked automatically when brought into position to be used as a table and conveniently unlocked and also to so construct the device that when the body is to be used as a table the mattress may be locked in position in the body, the surface of the body presented as a table being unbroken from end to end.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of the device, showing the body-section in position as a crib. Fig. 2 is a transverse vertical section through the device, the body-section being in position to form a table. Fig. 3 is a detail view of a portion of the supporting-frame for the body and the support upon which the body turns. Fig. 4 is a side elevation of a portion of an end board of the body and a section through the body-support of the frame, and Fig. 5 is a detail view of a fastening device employed in connection with the body.

The body A of the device is of box-like construction and is primarily adapted to be used as a crib, but, as will be hereinafter described, may be converted readily into a table. This body consists of end boards 10 and 11, attached in any suitable manner to a bottom or face board 12, and side rails 13, which side rails connect the end boards and are secured to the bottom or face board 12 in a rigid manner. These side rails 13 are of a height substantially that of the depth of a mattress, and upon each side rail 13 a second rail 14 is located. These upper rails 14 are of open or trellis-like construction in the interest of lightness and are connected by hinges 15 with the fixed rails 13, the hinge connection being such that the upper rails 14 may be folded inward over the bottom or face board 12, as is illustrated in Fig. 2. The upper rails 14 when in their upper position extend to the upper edges of the end boards 10 and 11 and are held in their upright positions by fastening devices, preferably consisting of hooks 16, attached, for example, to the upper rails 14, and staples 17, which receive the heads of the hooks, the staples being secured to the end boards 10 and 11. Also, preferably, each hook 16, as shown in Fig. 5, is provided with an enlargement 18 at its head portion, so that after the enlargement has been forced through a staple 17 the head of the hook will be in a great measure prevented from accidentally moving out of the staple.

At the central portion of each end board 10 and 11 a vertical or transverse keyhole-slot 19 is produced, protected by a correspondingly-shaped bushing 20, as is best shown in Fig. 4. The circular portions of these slots 19 are located near the upper edges of the end boards, as is shown best in Fig. 1.

A frame B is provided for the body A. This frame may be of any suitable construction; but preferably in making the frame metal tubes are employed, and, as illustrated, the frame B consists of arched end sections 21 and 22, connecting-bars 23 extending from one end section to the other, and uprights 24, carried from the upper central portion of the end sections 21 and 22. At the upper end of each upright 24 the shank 25 of a cap-block 26 is received, as best shown in Fig. 3. Each cap-block 26 is provided with an inwardly-extending supporting-pin 27. These supporting-pins 27, as shown in Figs. 3 and 4, are substantially oblong in cross-section, being provided with two opposing flat faces a and two opposing cylindrical faces a'. The width of a supporting-pin 27 at the flat faces a corresponds practically to the width of the straight section of a keyhole-slot 19, so that while a supporting-pin is in the straight sec-

tion of the keyhole-slot 19 the body A cannot turn; but the said body may freely turn on the supporting-pins 27 when the said pins are received in the enlarged or circular portions of the said keyhole-slots, as is shown in Fig. 1. The supporting-pins 27 after they have been passed through the keyhole-slots 19 of the body are provided at their inner ends with caps or knobs 28, which are preferably made quite smooth and are detachably connected with the supporting-pins, being usually screwed thereon, as is shown in Fig. 3.

In the operation of the device when the body is to be used as a crib the side rails 14 are carried to their upright position, (shown in Fig. 1,) and the supporting-pins 27 are in the circular or enlarged portions of the keyhole-slots 19, as is also shown in Fig. 1, enabling the body to be rocked upon the supporting-pins when desired. When the body is to be brought into use as a table, the mattress of the crib is allowed to remain therein, and the hinged rails 14 of the body are carried over upon the mattress, as is shown in Fig. 2, and are held in such position by straps, hooks, or other equivalent devices. The body is now turned bottom up on the supporting-pins 27, and the body is permitted to drop until the supporting-pins 27 reach the end of the straight sections of the keyhole-slots 19, as shown in Fig. 4. When the body occupies this position, it cannot turn, and the under face of what would be the bottom of the crib becomes the upper face of the table and is unbroken throughout its length.

It is obvious that a device constructed as above described may be conveniently and quickly manipulated, and that when it is not in use as a crib it may be converted into such an article of furniture as a table and that the frame may be made quite low, if desired, and when the body is turned upside down the said body may be used to represent a chest, the under face of the body or upper face of the chest being suitably carved or decorated. In fact, if desired, the body portion A may be utilized for storing away various articles of apparel, if so desired.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. In a combined crib and table, a supporting-frame, supporting-pins extending in direction of each other from the supporting-frame, the said pins being oblong in cross-section, having two flattened opposing faces and two opposing circular faces, and a box-body having keyhole-slots in opposite sections adapted to receive the said supporting-pins, as and for the purpose set forth.

2. In a combined crib and table, the combination with a supporting-frame provided with uprights, and supporting-pins horizontally extending in direction of each other from the said uprights, the said supporting-pins being oblong in cross-section, having opposing flat faces and opposing cylindrical faces, of a body-section comprising a bottom board and end boards, and side rails fixed to the bottom board and end boards, the said end boards being provided with centrally-located transverse keyhole-slots, the enlarged portions of which slots are near the upper edges of the end boards, auxiliary rails having hinged connection with the fixed rails of the box-body, the said auxiliary rails being adapted to stand vertically on the fixed rails or to fold inwardly therefrom over the bottom of the box-body, and fastening devices for the hinged or auxiliary rails, substantially as shown and described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HARRY G. DORAN.

Witnesses:
WM. ACHERT, JR.,
THOMAS F. FAY.