

No. 654,972.

Patented July 31, 1900.

I. A. HAACK.

FOLDING GUARD FRAME FOR CHILDREN'S BEDS.

(Application filed May 11, 1900.)

(No Model.)

2 Sheets—Sheet 1.

FIG. 1.

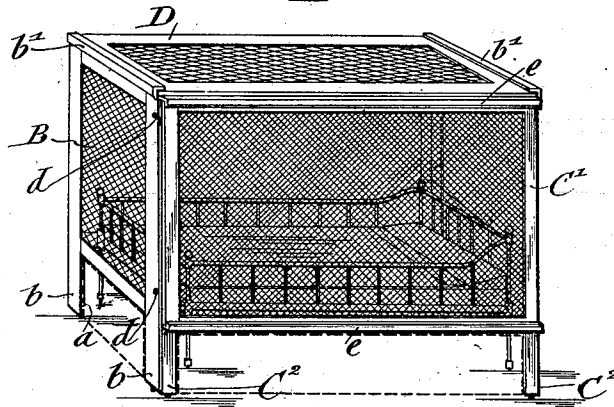


FIG. 2.

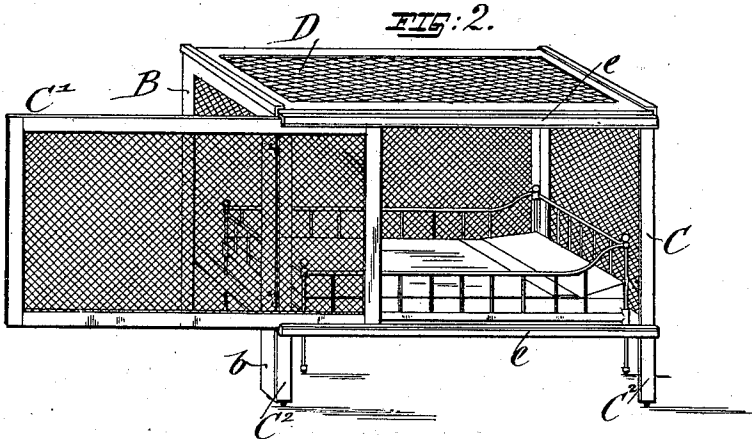
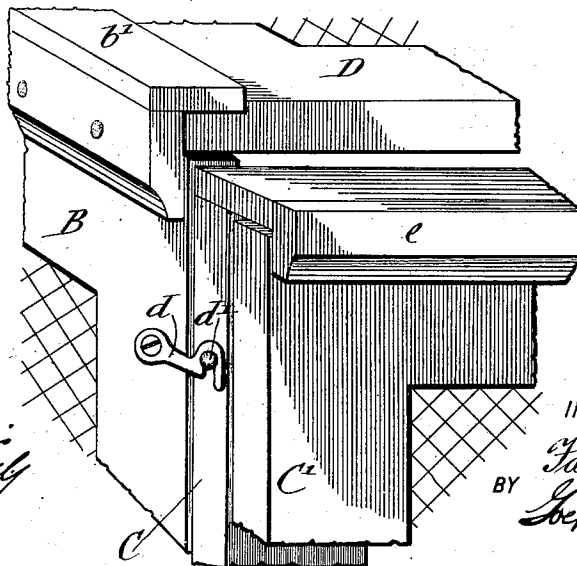


FIG. 3.



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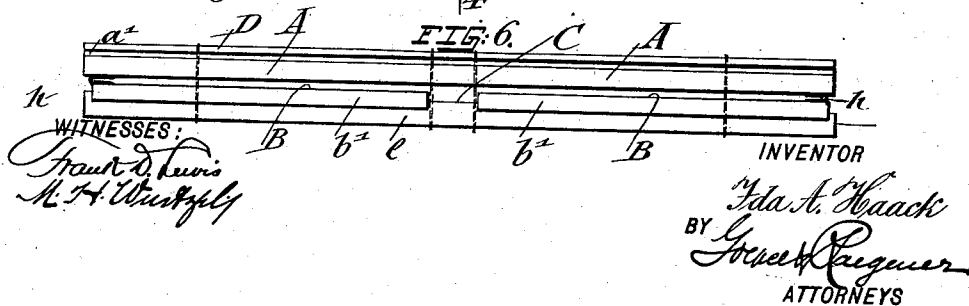
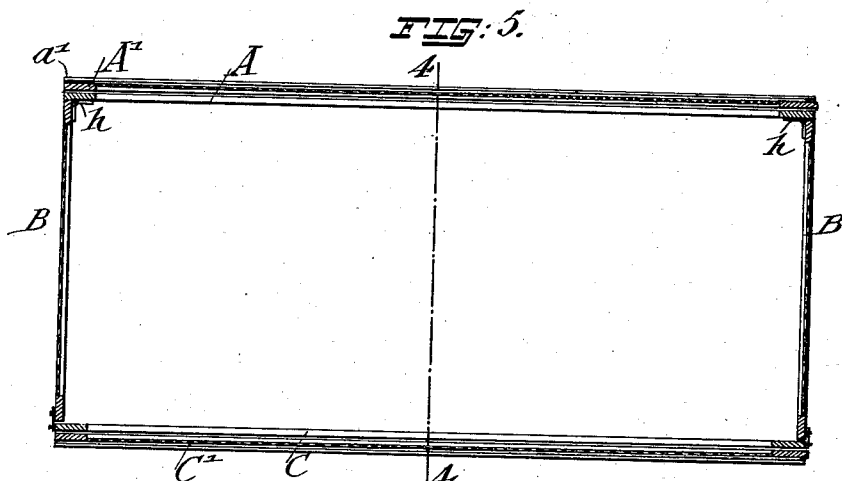
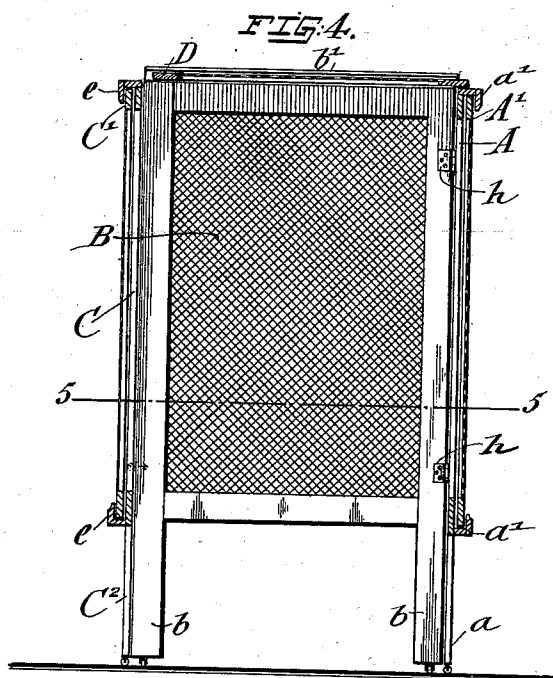
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(Application filed May 11, 1900.)

(No Model.)

2 Sheets—Sheet 2.



UNITED STATES PATENT OFFICE.

IDA A. HAACK, OF NEW YORK, N. Y.

FOLDING GUARD-FRAME FOR CHILDREN'S BEDS.

SPECIFICATION forming part of Letters Patent No. 654,972, dated July 31, 1900.

Application filed May 11, 1900. Serial No. 16,314. (No model.)

To all whom it may concern:

Be it known that I, IDA A. HAACK, a citizen of the United States, residing in New York, borough of Bronx, State of New York, have
5 invented certain new and useful Improvements in Folding Guard-Frames for Children's Beds, of which the following is a specification.

This invention relates to an improved folding guard-frame for infants' beds or cribs, said frame being designed to inclose the bed or crib in such manner that the child is prevented from falling out of its bed and is also protected against annoyance by flies, mosquitos, &c., while the frame without the bed
15 may be used as a guard for infants for playing or walking or when learning to walk.

To this end the invention consists of a guard-frame for children's beds, comprising an upright rear section, end or head and foot sections hinged to said rear section, a sliding top section, and a detachable front section, connected by hooks and eyes or other fastening devices with the end sections, said front section being provided, like the top section, with grooved ways for a sliding door, so that ready and convenient access is given to the child's bed whenever required. When not in use, the entire guard-frame can be folded up against the rear section and tied together with the front and top sections for conveniently storing away.

In the accompanying drawings, Figure 1 represents a perspective view of my improved folding guard-frame shown in position around a child's bed or crib. Fig. 2 is a perspective view of the same, shown with the front door slid endwise, so as to give access to the bed or crib. Fig. 3 is a broken detail perspective view of one of the upper front corners of the structure, showing the guideways for the sliding front and top doors. Fig. 4 is a vertical transverse section of the device on line 4 4, Fig. 5. Fig. 5 is a horizontal section of the same on line 5 5, Fig. 4; and Fig. 6 is a horizontal section of the entire guard-frame folded up and connected together after use.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A A' represent the rear section, B B the end sections, C C' the front section, and D the top section, of my

improved folding guard-frame for children's beds or cribs. The frame A of the rear section is equal in length with the ordinary-sized child's bed or crib and provided with legs *a*, corresponding in length to those of the child's bed or crib. The opening formed by the oblong frame A of the rear section is closed by a sliding frame or door A', which is guided in rails *a' a'* and is covered with coarsely-meshed wire-gauze, as shown, when the device is only intended to be used as a guard-frame for preventing the child from falling out of the bed or crib, or with closely-meshed wire-gauze or mosquito-netting when it is intended to use the frame also as a protection against mosquitos.

To the ends of the rear frame A are applied, by suitable hinges *h*, the end sections B B, which are equal in height with the rear section and correspond in width with the width of the ordinary-sized child's bed or crib. They are, like the rear section, composed of frames provided with legs *b* and are covered with coarsely or finely meshed wire gauze or netting in the same manner as the door of the rear section, according to the purpose for which the guard-frame is to be used. The upper ends of the frames of the end sections B B have affixed thereto guide-rails *b' b'*, made of wood or metal, said ways or rails forming the support for the top section D, which slides in the same and which is removed when the guard-frame is to be folded up and is reinserted when it is to be placed in use around the child's bed or crib. The said top section also consists of a frame covered with wire or other suitable netting.

To the front part of the frames of the end sections B B is attached the front section C C', which is provided with legs C² and which is attached, by means of hooks *d* and studs *d'* or other fastening means, to the end sections when it is placed in position thereon. The frame C of the front section is provided with a sliding door or frame C', that is guided in ways or rails *e e* at the outside of the frame of the front section, said door being covered with coarsely or finely meshed wire gauze or netting, according as to whether the device is to be used simply as a guard-frame or as a guard-frame and mosquito-net combined. The legs of the rear, end, and front sections

are preferably provided with suitable casters for permitting the easy moving of the guard-frame in position or moving it with the bed or crib in the same. The ways of the front section are preferably made of sheet metal attached to the frame of the same, so as to permit the convenient sliding of the front door toward the left or the right, according to the position of the head of the crib or bed in the guard-frame. In some cases it may be desirable to dispense with the ways and sliding door of the rear section, in which case the frame A is covered with netting.

When it is desired to use the guard-frame also as a mosquito-frame, it is preferable to connect the legs with bottom sections, as indicated in dotted lines, Fig. 1, which sections are covered with finely-meshed wire-gauze, so as to prevent flies from getting in below the crib; but in cases where the guard-frame is used only as a protection against children falling out of the bed the lower leg-connecting sections are not required.

When the guard-frame is placed in position around the bed, it forms a safeguard for the child in the bed, so that it is prevented from falling out of the bed when getting up or playing therein, especially when the mother or other attendant is called away by other duties. The mother or nurse knows that with the guard-frame placed around the bed the child is perfectly safe and is also protected against flies or mosquitos. When it is desired to lift the child out of the bed, the sliding front door is moved to one side or the other, so as to give access to the bed inside of the guard-frame.

When the guard-frame is not required for use, it can be readily folded up by detaching the front section, removing the top section, folding the end sections over onto the rear section, placing the top section in position over the folded end section, and then placing the front section over the said parts and connecting the parts together by suitable hooks, or, preferably, by tying or strapping the parts together by means of leather straps or cords, or the like, as shown in Fig. 6, after which the folded-up guard-frame can be conveniently stored away until required again for use. In this manner a very convenient guard device for children's beds and cribs is obtained, in which mothers and nurses can leave the children perfectly safe against accident and which can also be used as a sort of inclosure for children for playing or when

they are learning to walk. The top section and its guideways may be dispensed with whenever the structure is to be used only as a frame for preventing children falling out of bed. —When used without the bed or crib, the frame may to some extent move with the child over the floor and forms a protection against falling and other accidents.

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

1. A folding guard-frame for children's beds and cribs, consisting of a rear section, end sections hinged to the ends of the rear sections, a front section, and means for removably attaching the front section to the front ends of the end sections, said front section being provided with top and bottom guideways and a sliding door in said front section, said door being bodily removable with the front section from the remaining parts and said rear, end and front sections being closed by means of wire-gauze, substantially as set forth.

2. A folding guard-frame for children's beds and cribs, consisting of a rear section, end sections hinged thereto, and provided with guideways at their upper ends a top section guided in the ways at the upper ends of the end sections, a front section, and means for attaching the front section to the end sections, and a sliding door, said front section being provided with top and bottom ways for the sliding door, and all the sections being formed of suitable frames closed by wire-gauze, substantially as set forth.

3. A folding guard-frame for children's beds and cribs, consisting of a rear section, end sections hinged to the ends of said rear section, and provided with top guideways, a sliding top section supported in the top guideways of the end sections, a front section provided with guideways, a front door sliding in the latter, and means for attaching the front section to the end sections, the rear, end and front sections being provided with suitable legs and auxiliary sections connecting said legs, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

IDA A. HAACK.

Witnesses:

PAUL GOEPEL,
M. H. WURTZEL.