(No Model.) 2 Sheets—Sheet 1.

H. B. McGLOFLIN.

SWINGING CRIB AND BED.

No. 345,796. Patented July 20, 1886.

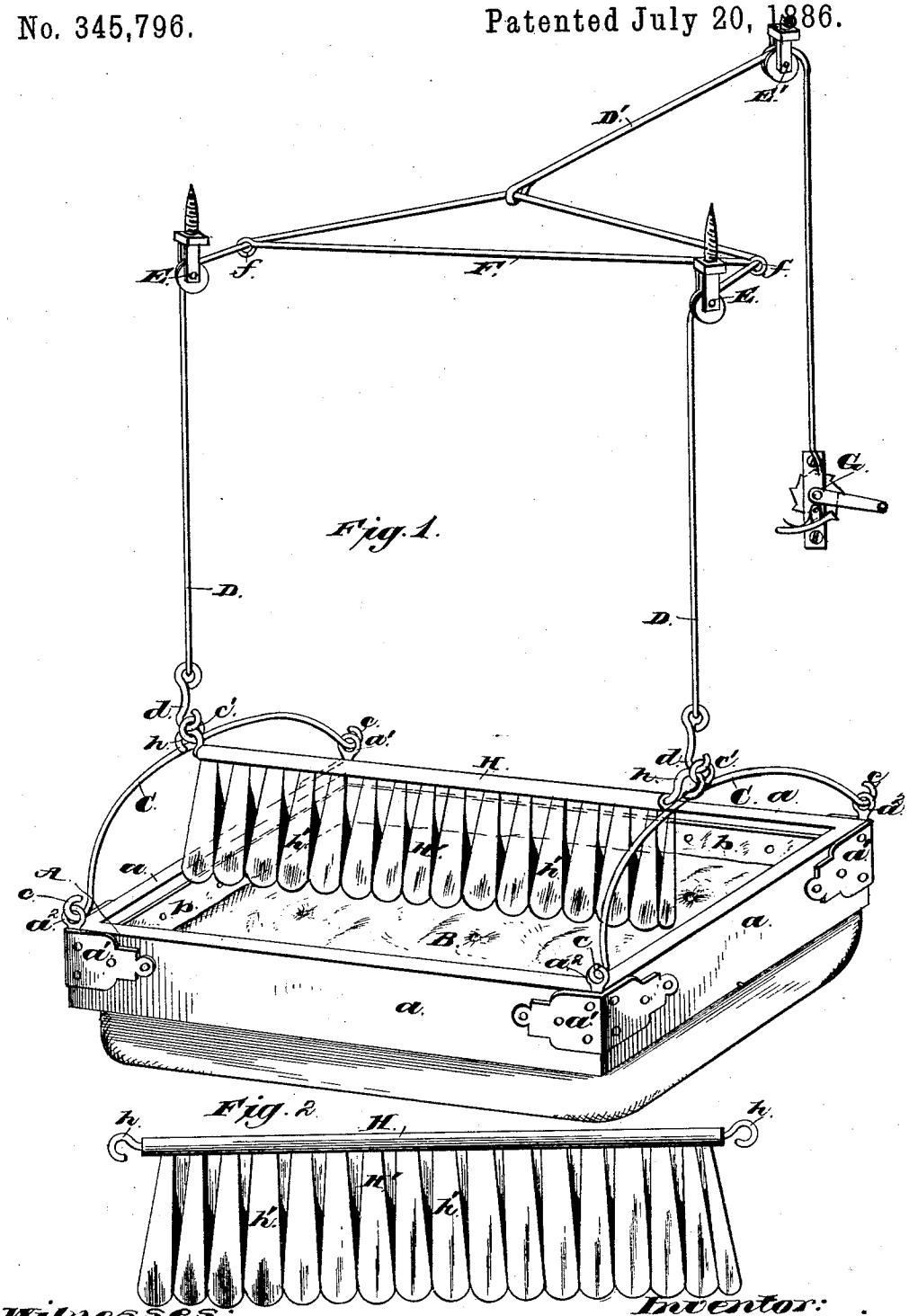


Fig. 1.

Fig. 2.

Witnesses:
Charles S. Hyer.
H. C. Huntemann

Inventor:
Harry B. McGloflin.
By Munn & Co Attys.

N. PETERS, Photo-Lithographer, Washington, D. C.

(No Model.) 2 Sheets—Sheet 2.

H. B. McGLOFLIN.

SWINGING CRIB AND BED.

No. 345,796. Patented July 20, 1886.

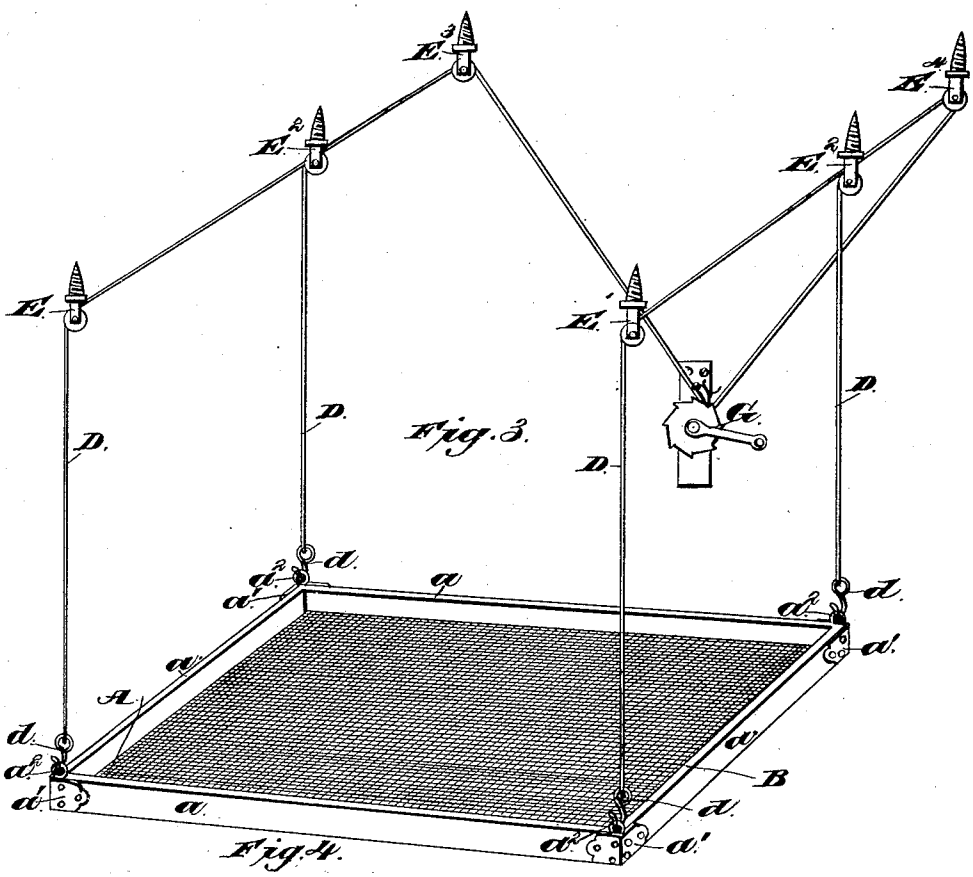
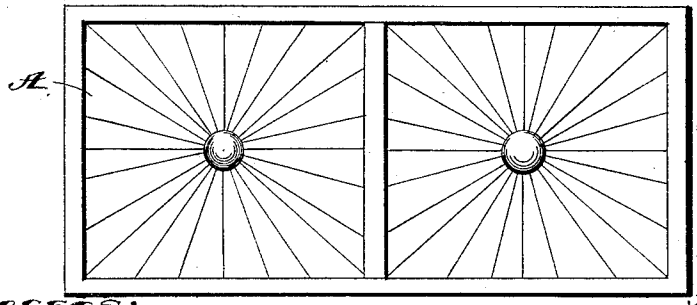


Fig. 3.

Fig. 4.



Witnesses:
Charles S. Hyer.
H. C. Huntemann

Inventor:
By Henry B. McGloflin.
Munn & Co. Attys.

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

HARRY B. McGLOFLIN, OF SWAN LAKE, MISSISSIPPI.

SWINGING CRIB AND BED.

SPECIFICATION forming part of Letters Patent No. 345,796, dated July 20, 1886.

Application filed August 27, 1885. Serial No. 175,440½. (No model.)

To all whom it may concern:

Be it known that I, HARRY B. McGLOFLIN, a citizen of the United States, residing at Swan Lake, in the county of Tallahatchie and State of Mississippi, have invented certain new and useful Improvements in Swinging Cribs and Beds, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to a suspended swinging crib and bed; and it consists in the construction and arrangement of the parts which will be more fully hereinafter described, and pointed out in the claims.

The object of my invention is to provide a bed which is adapted to be raised or lowered and swung or oscillated, actuating thereby a suitable fanning device, and by its simplicity of construction rendered easily handled, and operation readily understood. I attain these objects by the mechanism illustrated in the accompanying drawings, wherein like letters of reference indicate similar parts in the several views, and in which—

Figure 1 is a perspective view of my improved suspended crib or bed with a fan attachment applied thereto. Fig. 2 represents an elevation of the fan attachment. Fig. 3 is a perspective view of a modified form of my improved bed arranged in the form of a suspended bed or office-lounge. Fig. 4 is a plan view of the form of bed represented in Fig. 3, illustrating it as it appears when drawn up.

A in the drawings represents a frame which has four sides, *a a*, and constructed of any form or size to suit the purpose for which it is desired to use it. This frame constitutes the support for a mattress, B, of suitable construction, which, when constructed in the form shown in Fig. 1, is secured to the sides *a* of the frame A by supports *b*, of suitable strong material, which is secured also to the mattress. As shown in Fig. 3, a wire mattress is used, and in this instance any suitable and well-known means of securement can be used.

The corners of this frame A are securely held together or strengthened by small angle-irons *a' a'*, which are fastened to the side and end bars of the said frame A by suitable means. Secured to these angle-irons *a' a'*, or cast integral therewith, are eyes a^2 a^2, which are engaged by hooks *c c*, formed on the ends of the two curved supports C C. These supports C are bowed over the frame A at each of its ends, and have formed at their centers twist loops or eyes *c' c'*. These loops or eyes *c'* are engaged by hooks *d d*, secured to the ends of ropes or cords D, which act to suspend the frame A. These two cords D, Fig. 1, pass through suitable sheaves or pulleys, E E, which are secured to the ceiling or other place of securement by suitable means. After going through the pulleys E the cords D pass through eyes *f f*, formed on the ends of a stretcher-rod, F, which rod acts to keep the said cords separated or stretched when the device is suspended. The two cords D D then unite, and are secured at or near their center by a third cord, D', which passes through a pulley, E', which is also secured to the wall or ceiling, and from thence the said cord runs down to a small ratcheted windlass, G, having a handle, *g*, and by means of said windlass the bed and its suspending-cords are uniformly raised or lowered, as may be desired, through the sheaves or pulleys E E and E'. Through the eyes *c' c'* of the supports C hooks *h h* are passed, said hooks being secured at their other ends to a bar or rod, H, which has secured to it by suitable means, a fan, H', constructed of material adapted for the purpose, and ornamented in any desired manner. As illustrated, the said fan H' is constructed in the form of oblique plaits *h'*, and rounded at their lower ends. When the bed A is oscillated, the fan is propelled by the action of the air against the same, and a swinging motion thereof is produced which causes a current of air to continually flow over the occupant of the bed. The hooks *h*, attached to the rod or bar H, have free movement in the eyes *c'* of the supports C, and the fan H' is consequently allowed an easy unobstructed swaying movement.

In Fig. 3 a modification of the bed is illustrated. The eyes a^2 a^2, secured to the angle-irons *a' a'*, are each engaged by a hook, *d*, which are secured to four ropes or cords, D D D D, which pass through four different sheaves or pulleys, E E E^2 E^2, screwed into any suitable place of securement. The ropes D passing through the pulleys E E pass over and

unite with the ropes D which go through pulleys E^2 E^2, and from thence these united ropes D pass through the two pulleys E^3 and E^4, and after leaving these pulleys they run downward on an incline to the windlass G, where they may be wound and unwound, and consequently raise or lower the bed. This form of bed is especially applicable for office-lounges; and when drawn upward toward the ceiling it is out of the way and does not form an inconvenience by standing or swinging in one position. When thus used, the bottom of the same may be rendered artistic by suitable carving or designing, so that it will have a neat appearance, and not be a disfigurement of any ceiling when raised or drawn upward.

The operation of this bed is simple, and is as follows: When it is desired to rest therein, the windlass G is turned to either raise or lower the bed the desired distance. When a sufficient height has been obtained, the ratchet-wheel of the windlass G is caught by its meshing-pawl, and the bed secured at the desired height. It can then be swayed or oscillated as may be desired, being merely suspended by the pliable cords.

The fan attachment is easily applied to the device illustrated in Fig. 1, and not only produces a cooling sensation, but at the same time affords amusement for the children lying in the crib. The said fan can be decorated with grotesque figures or landscapes pleasing to the eyes, and provide means for quieting peevish and fretful children.

It is obvious that many minor changes could be made and substituted for those shown and described without in the least departing from the nature and principle of my invention.

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

1. The combination, with a swinging bed, of cords D, connected to such bed at each end and passing over pulleys secured to the ceiling, a rod, F, holding said cords taut after passing through the pulleys, a cord, D′, connected to the cord D, and a ratchet and windlass for raising and holding the bed in an elevated position, substantially as described.

2. The combination, with the bed-frame, of eyes a^2, secured at the corners thereof, bow-shaped bails or supports C C, engaging with said eyes, cords D D, suspended from the ceiling and secured to the bails C, pulleys E E, the cord D′, and ratchet-wheel G′, all substantially as described, and for the purposes set forth.

3. In combination with the bedstead-frame, the vertical cords D D, passing over pulleys E, and the cord D′, connected to the cords D D and the rod F, substantially as described.

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

HARRY B. McGLOFLIN.

Witnesses:
HENRY C. STATON,
J. J. HUNT.