

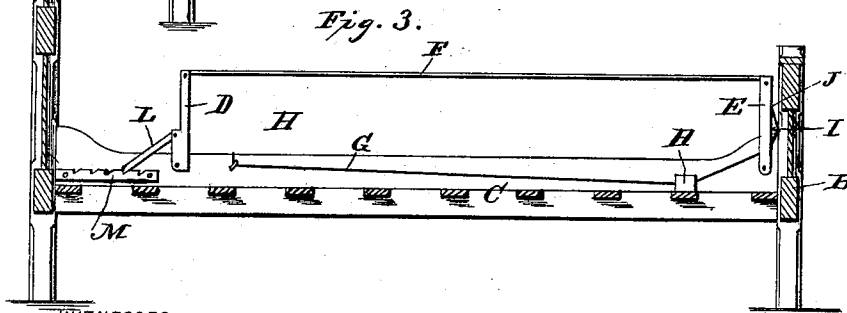
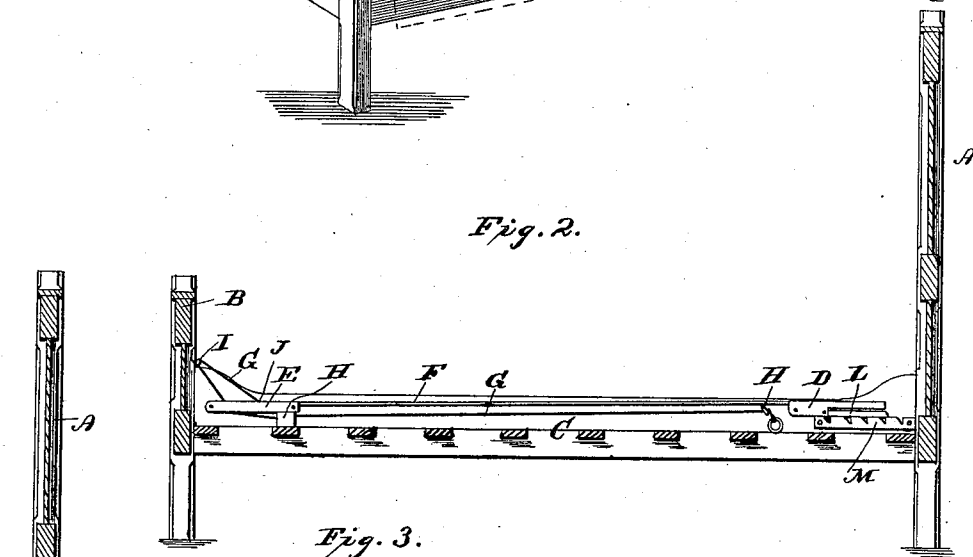
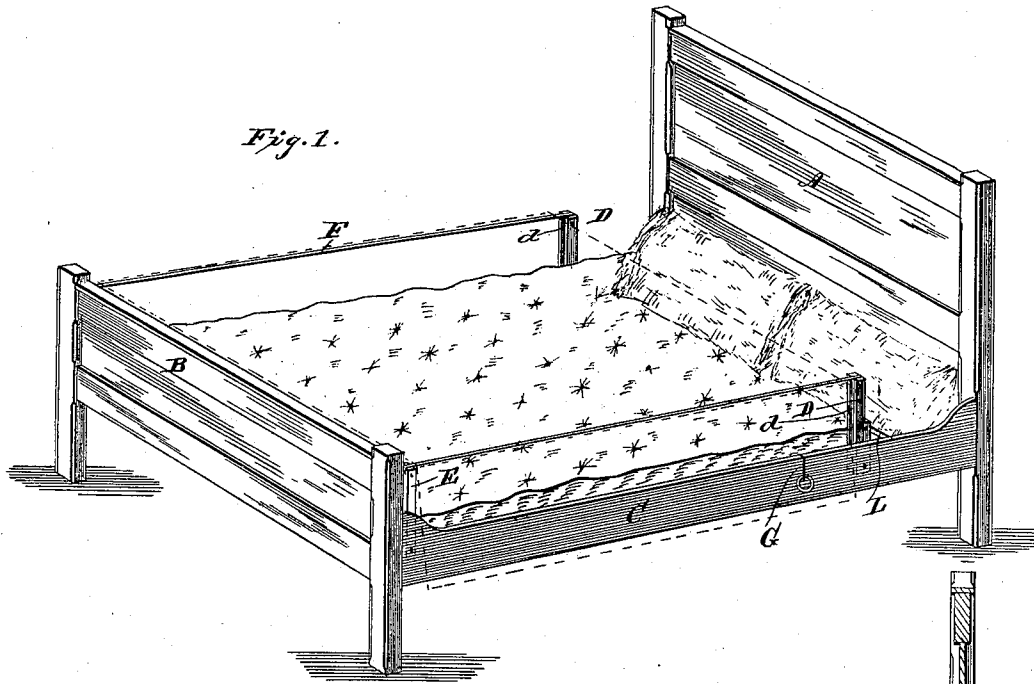
(No Model.)

A. W. BOHAKER.

DEVICE FOR ELEVATING AND SUSPENDING BED CLOTHING.

No. 323,265.

Patented July 28, 1885.



WITNESSES

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ANDREAS W. BOHAKER, OF BOSTON, MASSACHUSETTS.

DEVICE FOR ELEVATING AND SUSPENDING BED-CLOTHING.

SPECIFICATION forming part of Letters Patent No. 323,265, dated July 28, 1885.

Application filed July 15, 1884. (No model.)

To all whom it may concern:

Be it known that I, ANDREAS W. BOHAKER, of Boston, in the county of Suffolk and State of Massachusetts, have invented a certain new and Improved Device for Elevating and Sus-
5 pending Bed-Clothes; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part
10 of this specification, and to the figures and letters of reference marked thereon.

My invention has for its object to provide means for conveniently raising and suspend-
15 ing the upper covering of a bed, whereby the weight of the covering may be removed from the occupant of the bed, so as to keep him cooler, and, if an invalid, prevent the annoy-
20 ance and exhaustion due to the weight of the covering and its contact with his person.

My invention is applicable to bedsteads of ordinary construction, and I will now proceed to describe one of its simplest forms or em-
25 bodiments, reference being had to the accom-
panying drawings.

In said drawings, Figure 1 represents a per-
25 spective view of a bed provided with my im-
provements; Fig. 2, a longitudinal section of the same, showing the parts in the position
30 which they normally occupy; Fig. 3, a similar view, showing the parts in the position
which they occupy when the covering is ele-
vated.

Similar letters of reference in the several
35 figures indicate the same parts.

A indicates the head, B the foot, and C C
the side pieces, of an ordinary bedstead.

To the inner side of each of the side pieces
40 are pivoted two arms or levers, D E, the former being located near the head of the bed
and the latter near its foot.

The upper ends of each pair of bars or le-
vers are connected by means of a rod, F, in
such manner that the raising or lowering of
one of the arms or levers will cause a similar
45 movement of the other arm or lever. When
the arms or levers are folded down, they and
their connecting-rods lie below the upper edge
of the side pieces and beneath the overhang-
ing upper covering of the bed, in the position

50 shown in Fig. 2. When, however, either the
upper or the lower arms or levers are raised, the
connecting-rods are also raised, thus raising

the covering more or less high above the per-
son in the bed, according to the extent to
which the arms or levers are moved.

55 Various means may be devised for oper-
ating the arms or levers; but I, by preference,
employ the arrangement shown in the draw-
ings, because of its cheapness and simplicity.
It consists of cords G, passed through one or
60 more guides, H H, secured to the side pieces
of the bed; thence through slots or perfora-
tions near the lower ends of the arms or le-
vers E at the foot of the bed; thence through
guides I, secured to the foot of the bed; thence
65 back again to a point, J, on the side arms or
levers, where they are fastened. The upper
free end of each of the cords is provided with
a ring or handle, and the parts are so arranged
that when the ring is pulled toward the head
70 of the bed, either by the occupant of the bed
or by a person alongside the bed, the arms or
levers will be swung up to the height desired.

The cords may be employed to entirely raise
the levers to the position desired or to simply
75 partly raise the levers, so that they or the con-
necting-rods may be grasped by the hand and
the raising operation completed.

In order that the covering may be held sus-
pended at the height to which it is adjusted,
80 the arms or levers D at the head of the bed
are provided each with a hinged pawl-arm,
L, which is adapted to engage with a ratchet-
bar, M, secured to the side pieces, as shown.

In lifting the arms or levers from their
85 lowered position the pawl-arms automatically
travel along the ratchet-bars tooth by tooth,
and when the desired elevation is reached
they catch in front of the nearest tooth and
hold the parts firmly in position.

90 To lower the covering by means of my in-
vention, it is only necessary to disengage the
pawl-arms from their respective ratchet-bars,
when the arms or levers will descend to their
normal positions, carrying with them the cov-
95 ering. When the connecting-rods are lowered
into the position shown in Fig. 2, they enter
grooves or recesses *d* in the front faces of the
arms or levers D, provided for their reception,
and in this way space is economized and the
100 said bars kept from view.

The arms, connecting-rods, &c., may be
made either wholly or partly of metal; but
I prefer to make them of metal.

Besides being useful for cooling the bed in warm weather and for keeping the covering from contact with the occupant, where such contact would be oppressive or annoying to him, my invention enables the covering to be elevated above the body of the bed for the purpose of airing the bed daily.

When the edges of the upper covering do not project far enough over the side pieces to enable the covering to be held in an elevated position without sagging in the middle and slipping off the connecting-rods, the covering may be lapped under the said rods and pinned, sewed, or otherwise fastened to itself, as will be readily understood.

I am aware that cribs have been constructed with a frame composed of rods or bars fastened to arms at the ends of the crib, for preventing children from falling out of bed, and adapted to be folded down inside the side rails, so that the crib may be folded and slipped under an ordinary bedstead, when desired, and therefore do not claim such a construction broadly.

Having thus described my invention, what I claim as new is—

1. The combination, with a bed, of the device for raising the upper covering thereof,

consisting of arms or levers hinged to the side pieces of the bedstead, near the head and foot, respectively, rods for connecting said arms or levers, and the cords attached to said arms for operating to raise the covering, substantially as described.

2. The combination, with a bed, of the hinged arms or levers, the connecting-rods, the cords for raising the arms or levers, and the guides for said cords, substantially as described.

3. The combination of the two sets of hinged arms or levers and the cords for raising them, the connecting-rods, the pawl-arms connected to one set of arms, and the ratchet-bars with which said pawl-arms co-operate to sustain the arms in elevated position, substantially as described.

4. The combination of the hinged arms or levers, the connecting-rods, the cords for raising the arms or levers, and the guides for the same, the hinged pawl arms, and the ratchet-bars, the whole constructed and arranged substantially as described.

ANDREAS W. BOHAKER.

Witnesses:

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