

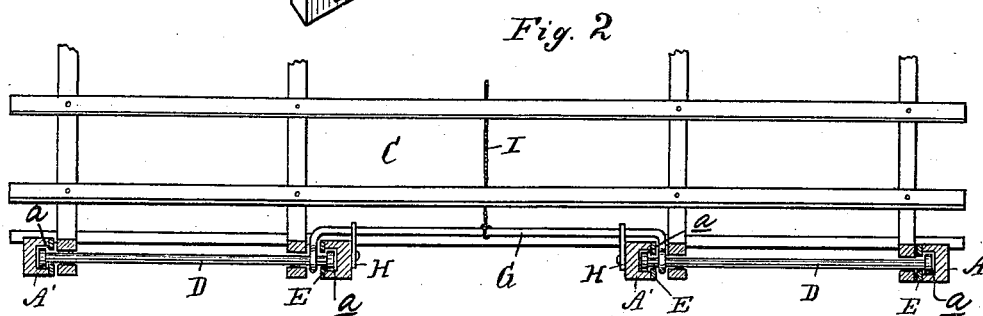
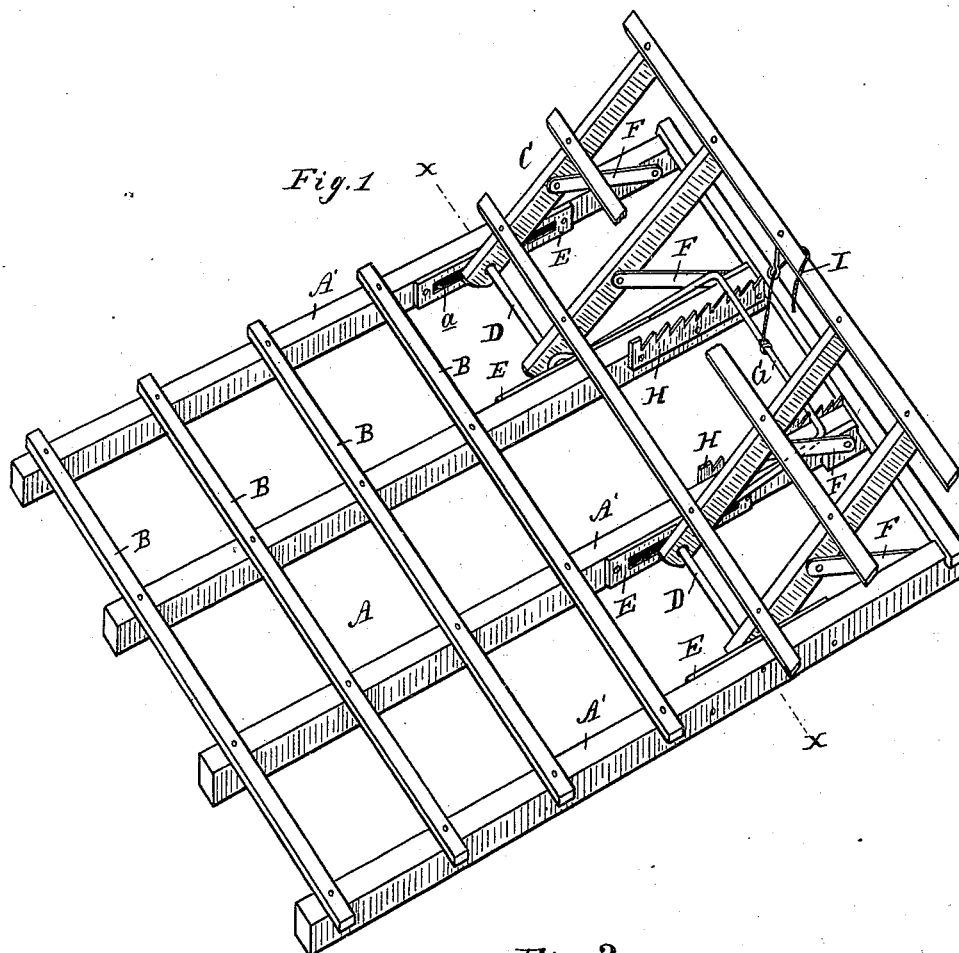
(No Model.)

J. SHEPHERD.

BED BOTTOM.

No. 342,545.

Patented May 25, 1886.



Attest:
John Schuman.
[Signature]

Inventor:
John Shepherd.
by his Atty
[Signature]

UNITED STATES PATENT OFFICE.

JOHN SHEPHERD, OF MEMPHIS, MICHIGAN.

BED-BOTTOM.

SPECIFICATION forming part of Letters Patent No. 342,545, dated May 25, 1886.

Application filed March 11, 1886. Serial No. 194,763. (No model.)

To all whom it may concern:

Be it known that I, JOHN SHEPHERD, of Memphis, in the county of Macomb and State of Michigan, have invented new and useful
5 Improvements in Bed-Bottoms; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification.

10 This invention relates to certain new and novel improvements in bed-bottoms.

The object of the invention is to provide a bed-bottom with an adjustable head-section that can be raised or lowered, as circumstances
15 may require, upon various degrees of inclination, and in so constructing the parts that this head-section may be provided with springs, the same as the body or main portion of the bed-bottom.

20 To this end the invention consists in the peculiar construction and operation of the head-section, and in the peculiar construction, arrangement, and combination of the parts, all as more fully hereinafter set forth.

25 Figure 1 is a perspective view of my improved bed-bottom with head-section raised. Fig. 2 is a cross-section on the line $x x$.

In the accompanying drawings, which form a part of this specification, A represents the
30 frame of a bed-bottom, upon the cross bars or slats B of which are placed suitable coil-springs. (Not shown.)

C represents the head-section, which is pivotally secured to the frame A, as follows: The
35 inner faces of the two outside longitudinal rails, A', of the frame are recessed, as at a , to receive the headed ends of the rods D, which project through slotted plates E, secured to rails A', in such a manner that the rods can
40 easily slide in the plates in the longitudinal direction of the bed.

F are brace-rods, one end of each of which is pivotally connected to the head-section, while their opposite ends are similarly secured
45 to the frame A.

G is a bail, preferably pivotally secured to the rods D, the bar of the bail being designed to engage with the rack-bars H, secured to the longitudinal bars of the frame.

In practice, when it is desired to adjust the
5 head-section, the operator raises up on the same, causing it to turn upon the fulcrums formed at the point where the brace-bars are pivoted to it, while the foot of the head-section, being confined by the bars D, slides toward
5 the head of the frame until the desired inclination is obtained, the bail G engaging with the rack-bars, preventing it from falling or sliding back. To lower the head-section, the operator
6 pulls upon a cord, I, one end of which is attached to the bail. This releases the bail from
its engagement with the rack-bars, when the section can be readily pushed down, or it may
assume such position by gravity.

It will be observed that by providing for
6 the sliding movement of the foot of the head-section in raising the lower spring-bar of such section recedes from the adjacent spring-bar of the frame, thus precluding the possibility
7 of these respective springs interlocking or catching, while at the same time it brings the springs to a position where they will form a support to the body when in a reclining position. It will also be observed that the longitudinal bars of the frame A cannot spread at
7 the points where they are located, as the plates E prevent the heads of the rods from drawing out of their recesses, while they are free to move horizontally.

I am aware of the patents Nos. 254,084 and 8 260,405, and make no claim to the construction shown therein as forming part of my invention.

What I claim as my invention is—

The combination, with the frame A, recessed
8 at a , and the slotted plate E, of the headed bolts D, the head-section C, supported by said rods, bail G, pivotally secured to said rods, links F, connecting said frame and head-section, and the rack-bars H, secured to the central rails, A', and adapted to engage said bail, substantially as and for the purpose specified.

JOHN SHEPHERD.

Witnesses:

H. S. SPRAGUE,
A. BARTHEL.