

J. Christie,
Bed Head-Section,
No 82,800, Patented Oct. 6, 1868.

Fig: 1.

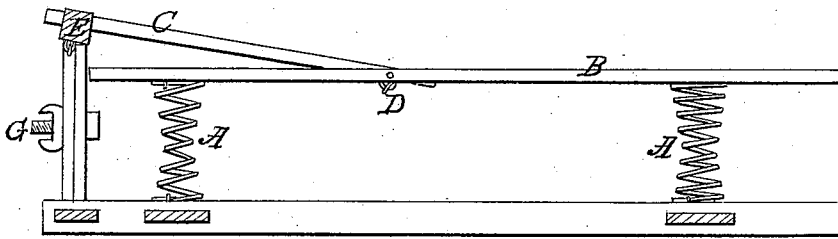


Fig: 2.

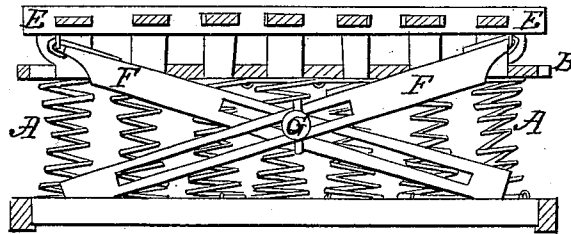
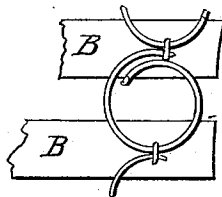


Fig: 3.



Witnesses;
Leopold Greub,
A. M. Watson

Inventor;
John Christie
per Alexander Thomson
Atty

United States Patent Office.

JOHN CHRISTIE, OF LOWELL, MICHIGAN.

Letters Patent No. 82,800, dated October 6, 1868.

IMPROVED BED-BOTTOM.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JOHN CHRISTIE, of Lowell, in the county of Kent, and in the State of Michigan, have invented certain new and useful Improvements in Bed-Bottoms; and do hereby declare that the following is a full, clear, and exact description thereof, reference being made to the accompanying drawings, and to the letters of reference marked thereon.

In the annexed drawings, forming part of this specification—

Figure 1 represents a side view, and

Figure 2 a rear view of the double spiral spring invalid-bed bottom.

Figure 3 shows the manner in which the springs are fastened to the slats.

The nature of this invention consists in the double cone-shaped spiral springs A A, the upper ends of which are fastened together on the slats by solder and small wire, as shown in fig. 3; and placed under the slats B, in such a manner that each slat rests on two springs, thereby avoiding the necessity of any steel or wood cross-bars to equalize the springing. The short or movable bars c of the bottom swing on a cross-bar or pivot, D, at the bottom, and are loose in the head cross-bar E, except the outside ones, which are fastened, for the purpose of better adjustment to any pressure, upon the main slats, when the short ones are elevated. This short or movable portion of the bottom, which is to be elevated for invalids, is supported by two cross-bars F F, and held in any desirable position by tightening a thumb-screw, G, which passes through them.

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

In a bed-bottom, composed of the springs A A, connected and constructed as described, the arrangement of the short bars C C, cross-bar E, and slotted diagonal bars F F, and screw G, the whole operating as specified.

In testimony that I claim the foregoing, I have hereunto set my hand, this 7th day of April, 1868.

JOHN CHRISTIE.

Witnesses:

THOMAS J. SLAYTON,
WM. W. HATCH.