

J. H. Gibson,
Invalid Bedstead,
No 52,988, Patented Mar. 6, 1866.

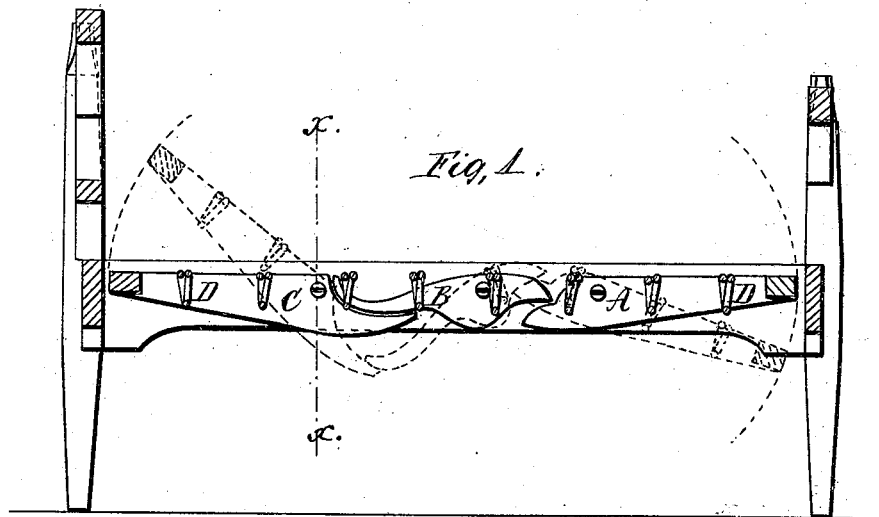
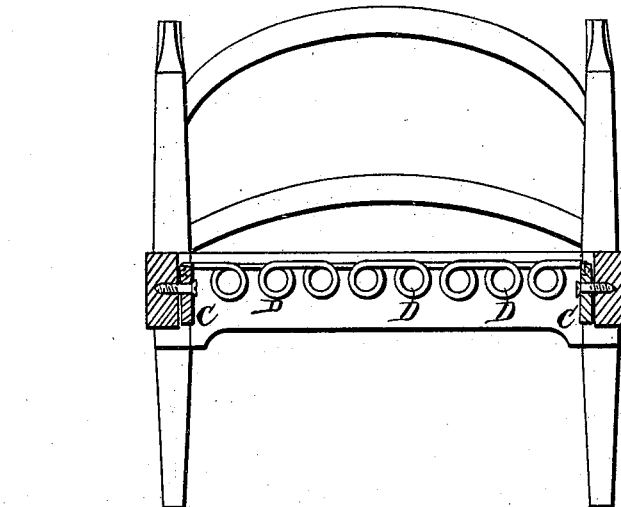


Fig. 2.



Witnesses;

L. Murphy.
Wm. Swanwick

Inventor;

Jacob H. Gibson
by
D. P. McIlwain & Co.
his attorney.

UNITED STATES PATENT OFFICE.

JACOB H. GIBSON, OF McDONOUGH, NEW YORK.

IMPROVEMENT IN INVALID-BEDSTEADS.

Specification forming part of Letters Patent No. 52,988, dated March 6, 1866.

To all whom it may concern:

Be it known that I, JACOB H. GIBSON, of McDonough, in the county of Chenango and State of New York, have invented a new and useful Improvement in Invalid-Beds; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, made part of this specification, in which—

Figure 1 is a longitudinal vertical section through the side boards, showing the adjusting-levers. Fig. 2 is a vertical transverse section on the line *x x*, Fig. 1.

The same letters refer to identical parts.

The bedstead is of ordinary construction, and my improvements may be applied to any bedstead.

The mattress or bed is supported on wires *D D*, bent so as to form a series of loops, as shown in Fig. 2, which wires give elasticity to the bottom of the bed. These looped wires are attached, with the exception of a few, to levers firmly attached to the inner opposite faces of the side rails. The exceptional ones are attached to the side rails themselves, so as to form the horizontal seat when the bed is disposed as an easy-chair. A series of levers, *A*, *B*, and *C*, are secured to the side rail by bolts, upon which they may turn, as shown in Fig. 1. The lever *A* at the foot of the bed has, resting upon the upper side of its short end the short end of the lever *B*, the long end of which rests upon the short end of the lever *C*. The ends of the several levers are so shaped as to give a continued bearing as the levers actuate one another, as shown in Fig. 1. These levers may be secured in a horizontal or any other desired position by any convenient fastening.

It will be seen that by pushing down the long end of the lever *A* at the foot of the bed the short end of the lever *B* will be slightly raised, and the long end of *B*, being depressed thereby, will carry with it the short end of the lever *C*, and will raise the long end of *C*, being the head of the bed. By this means the bed is readily converted into a sort of easy-chair, and the person in the bed relieved from the single position of lying horizontally, which becomes so wearisome to invalids.

I do not confine my claim to the particular arrangement of the levers here indicated, for it is apparent that the arrangement of the levers may be reversed, so that they may be actuated from the head instead of the foot; but the arrangement set forth is believed to be the more convenient one.

Having fully explained the character of my improvements, what I claim as my invention, and seek to secure by Letters Patent, is—

1. Constructing the bottom of the bed of the looped wires *D D*, attached substantially as and for the purpose set forth.

2. Attaching the bottom of a bed or part thereof to a series of levers pivoted to the side rails of a bedstead so that they may, by mutually acting upon one another by power applied at one end of the bed, convert the bed into a seat of such inclination as may be desired, substantially in the manner set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JACOB H. GIBSON.

Witnesses:

HERBERT EMERSON,
WM. SMITH.