

*I. N. Sheets,
Bed Bottom,*

No 80,312,

Patented July 28, 1868.

Fig: 1.

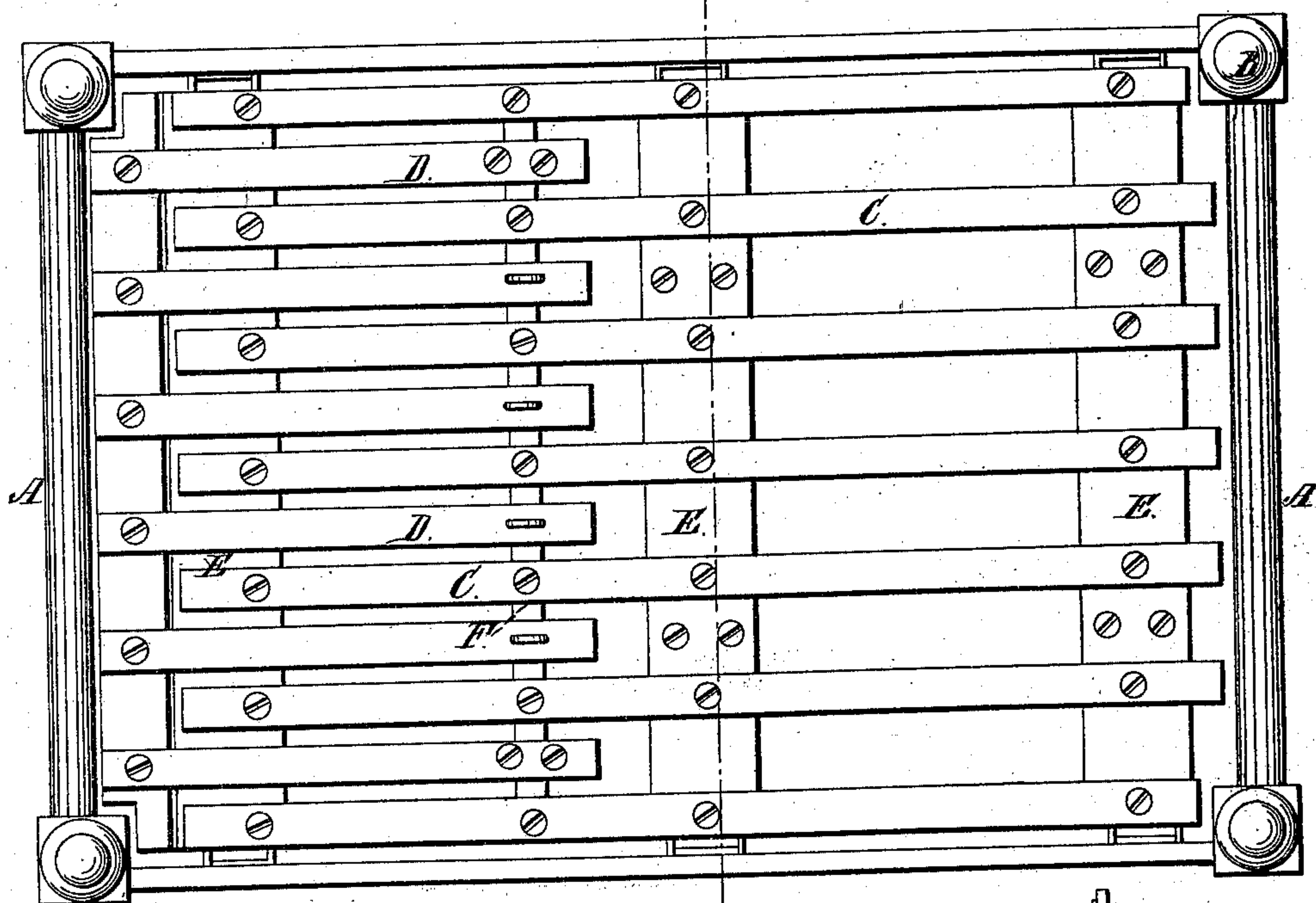
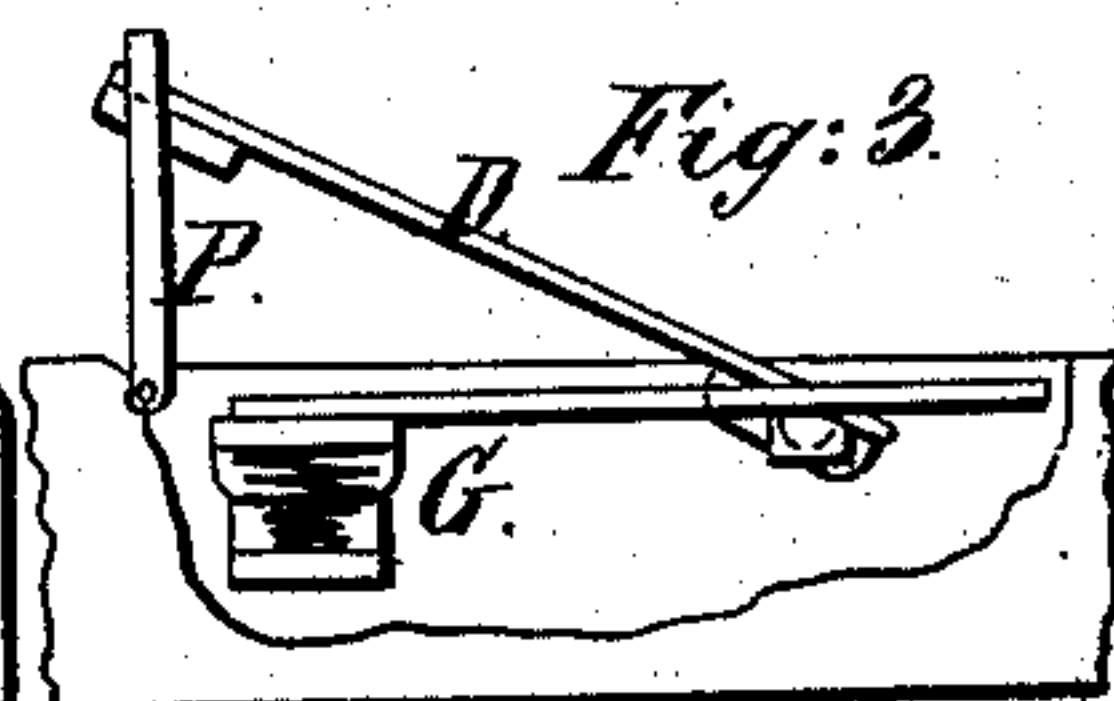
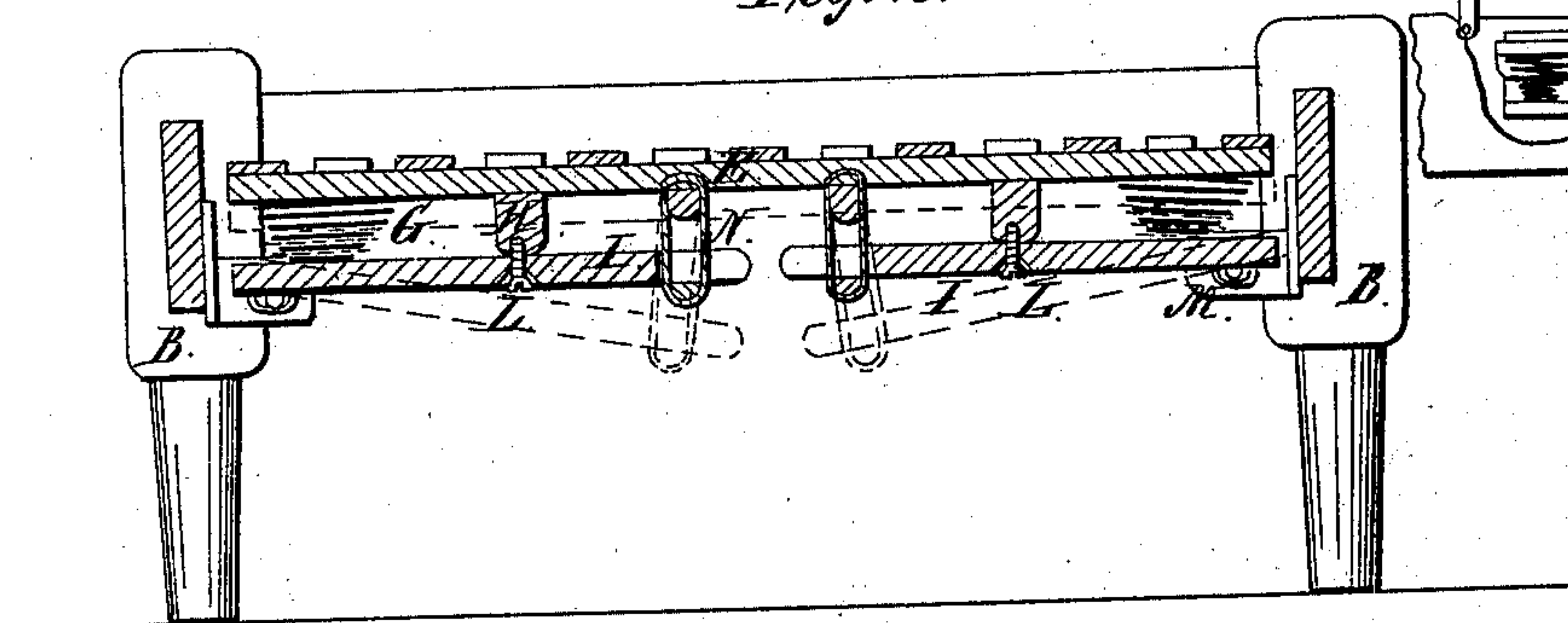


Fig: 2.



Witnesses:

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ISAAC N. SHEETS, OF WEST JEFFERSON, OHIO.

Letters Patent No. 80,312, dated July 28, 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, ISAAC N. SHEETS, of West Jefferson, in the county of Williams, and State of Ohio, have invented a new and useful Improvement in Bed-Bottoms; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

In the accompanying drawings—

Figure 1 is a top view of my improved bed-bottom.

Figure 2 is a vertical cross-section of my bed-bottom on the line *x x*, fig. 1.

Figure 3 is a detached view.

My invention consists in the combination of coiled springs with tension rubber springs and hinged levers, and also in the use of flexible slats in connection therewith.

My improved bed-bottom may be used with any suitable bedstead, A B. The slats C D are flexible, and connected by cross-pieces, E F, resting upon coiled springs, G, which in turn are supported by hinged levers, I.

These levers have fulcra, H, to which they are loosely connected by pivots, L, so as to vibrate freely. The outer ends of these levers are connected to the bedstead by hinges, M, and the inner ends of the same are connected to the bed-bottom by tension rubber springs, N. By this arrangement, when pressure is brought upon the bed-bottom, the levers swing down, as shown in red lines, fig. 2.

The short strips D are hinged to the bar F, so as to be elevated, as seen in fig. 3, and held in this position by props, P, which are made to fold down when these slats are lowered. This is important for invalids, who often want to rest in a reclining position.

My improved bed-bottom is thus made very elastic, yet strong and durable.

I do not broadly claim the tension-spring, or other devices, but limit my claims to the combinations specified.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

The combination of the coiled springs G, the tension rubber springs N, and the hinged levers I, substantially as set forth.

Witnesses:

JACOB YOUSE,

A. J. TRESSLER.

ISAAC N. SHEETS.