

E. W. QUINCY.
Bed-Bottoms.

No. 140,387

Patented July 1, 1873.

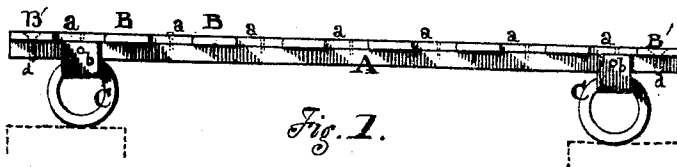


Fig. 1.

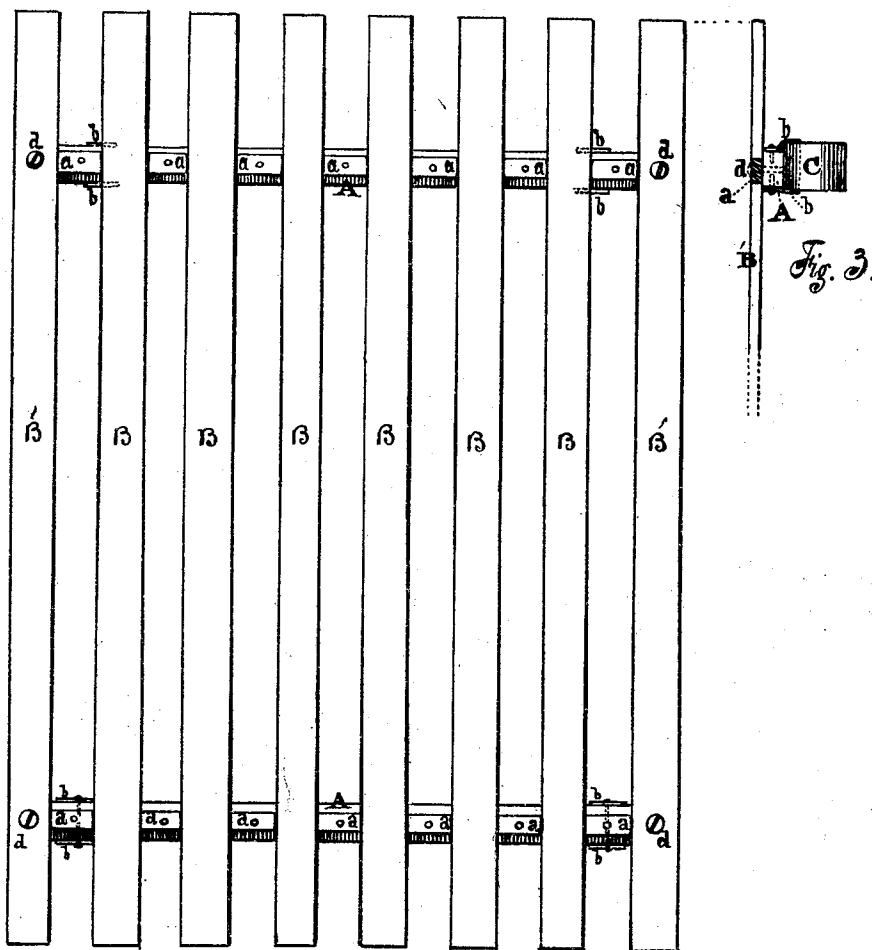


Fig. 2.

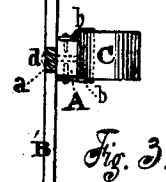


Fig. 3.

Witnesses
John Bronte
Ed. Carson

Edmund W. Quincy
Inventor.

UNITED STATES PATENT OFFICE.

EDMUND W. QUINCY, OF PEORIA, ILLINOIS.

IMPROVEMENT IN BED-BOTTOMS.

Specification forming part of Letters Patent No. **140,387**, dated July 1, 1873; application filed February 5, 1873.

To all whom it may concern:

Be it known that I, EDMUND W. QUINCY, of the city of Peoria, in the county of Peoria and State of Illinois, have invented an Improvement in Bed-Bottoms; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the annexed drawings making a part of this specification, in which like letters of reference refer to like parts, and in which—

Figure 1 represents an end elevation; Fig. 2, a plan; Fig. 3, elevation of end of bed-bottom and rubber cylinder.

This invention consists of a square frame, composed of four pieces of wood, two of which lie longitudinally upon the others, forming the sides of the bottom. The pieces on which the latter rest are placed not far from the ends of the bottom, and are screwed or otherwise attached to the side pieces, and have each small blocks fixed along their upper surfaces to form recesses for the reception of the slats. They rest at each end upon a rubber cylinder or roller, whose axes are parallel with the length of the frame or bed-bottom, and are each about two and one-half inches in diameter by about two inches in length, with a "bore" of about one inch in diameter, and are fastened to the end pieces by metal straps in such a manner as to allow them to be turned round from time to time to compensate for wear.

The drawing represents the bed-bottom in one of the best forms in which I construct it. A A are the transverse beams which support the slats B B, &c.; the side slats B' B' being permanently fixed to the ends of the beams A A,

and provided on their upper surface with the small blocks *a a*, &c., to form recesses for the slats B B, &c. C C are rubber rollers or cylinders, there being one of these placed under the end of each cross-beam A A, the axes of the cylinders being in a line with slats B B, &c. These are secured through their centers by metal straps *b b*, &c., (though not preventing them from being turned round when wear takes place,) to the cross-beams A A, in such a manner that the cylinders can be turned more or less within the straps *b*, but still elastically supporting the weight of the bed-bottom and superimposed bed, &c. The rollers C C, &c., each rest upon the horizontal bedstead-frame shown in the dotted lines.

The operation of this invention is as follows: The cylinders C C, &c., form an elastic support for the bed and bottom, each of which can be turned within its respective retaining-straps *b b*, &c., (when in any way, or by constant pressure, they become abraded or worn,) so as to present a new and uninjured part for use and support.

What I claim as my invention is—

The construction and arrangement of the frame A A B' B', slats B B, &c., blocks *a a*, &c., straps *b b b b*, &c., and rubber cylinders C C, &c., at corner of the frame, as described.

In testimony that I claim the foregoing bed-bottom, I have hereunto set my hand this 22d day of January, 1873.

EDMUND W. QUINCY.

Witnesses:

JOHN BRONLE,
ED. CARSON.