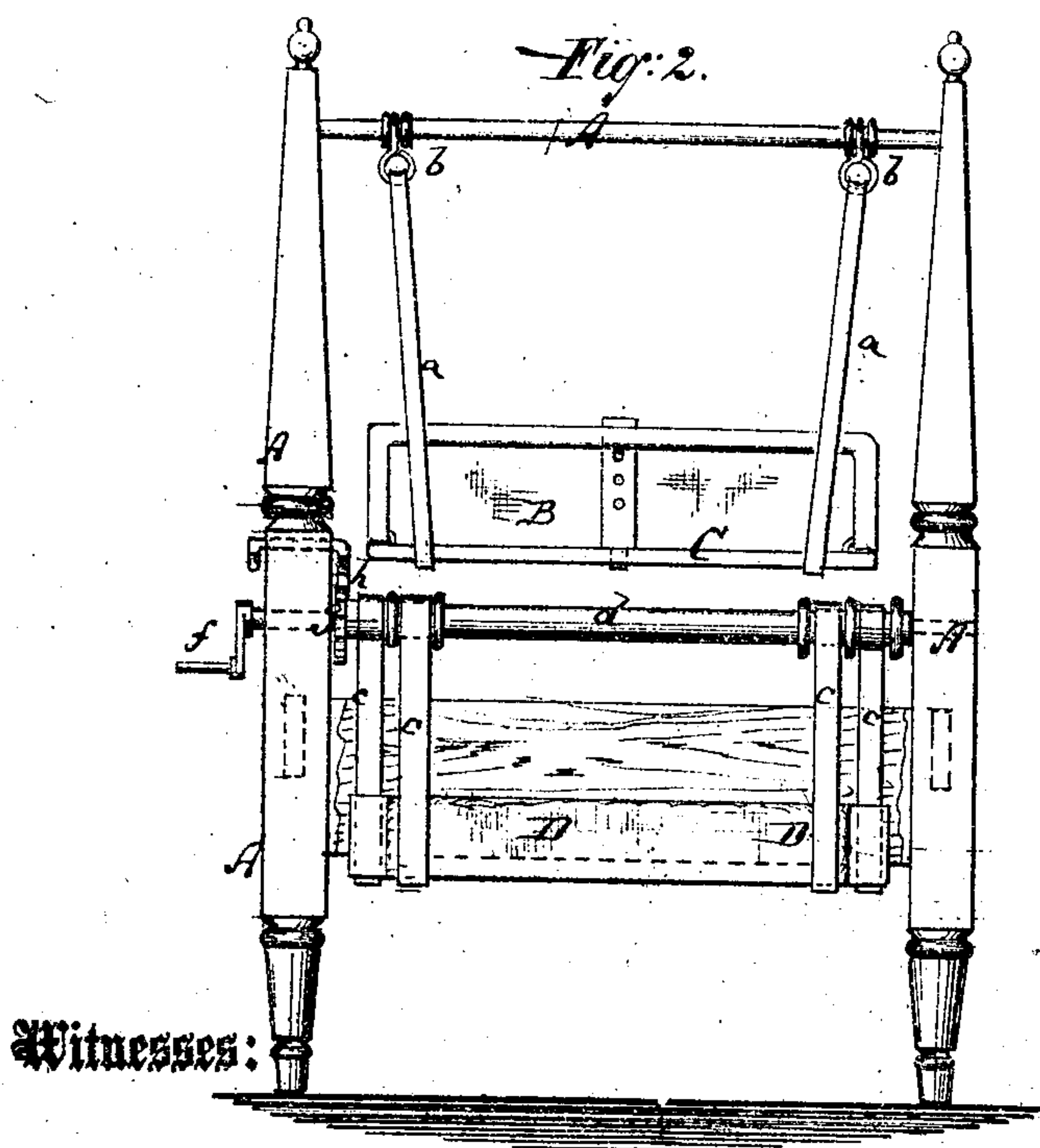
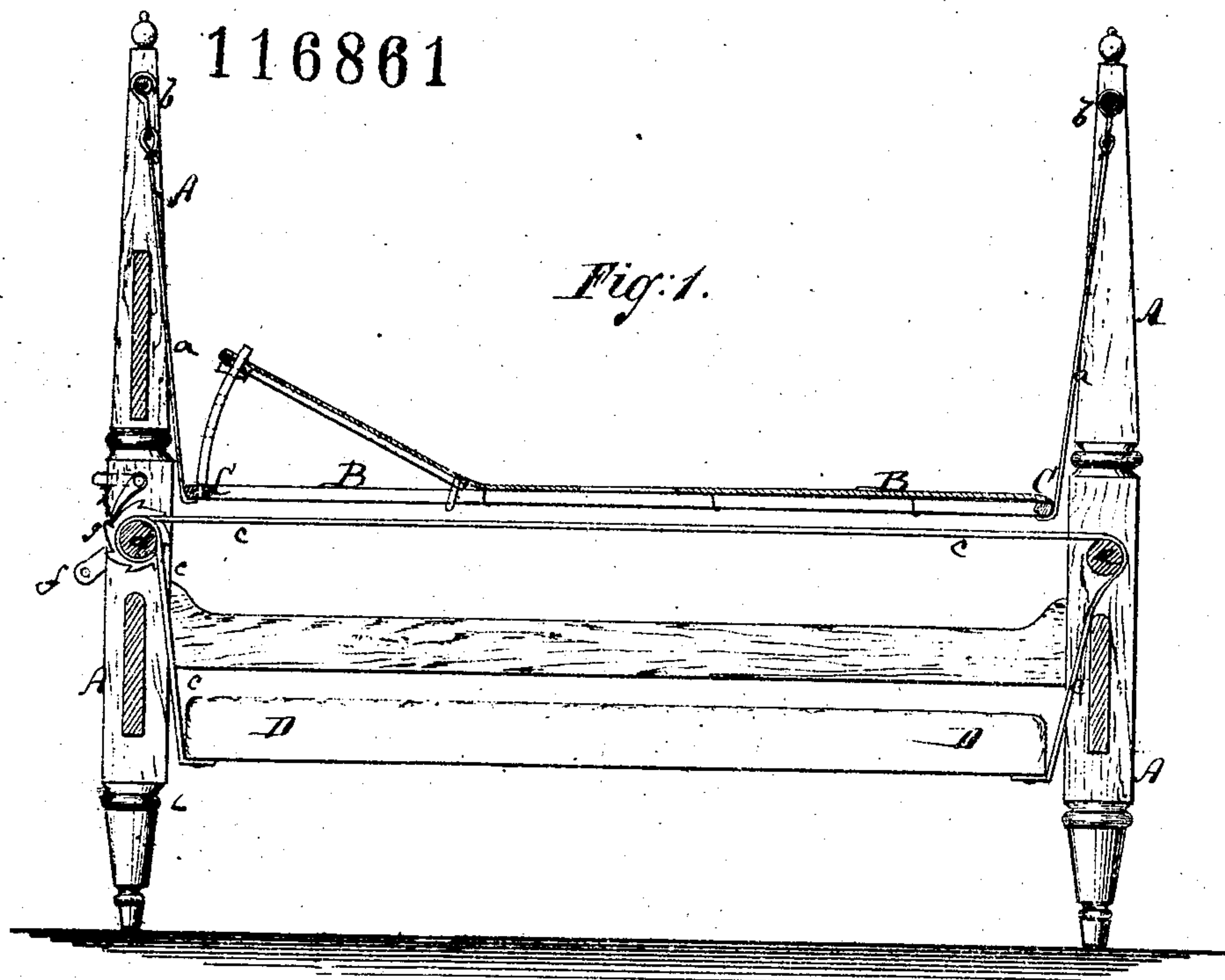


PATENTED JUL 11 1871
M. F. Ormsbee, Invalid Bed.



Witnesses:

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UNITED STATES PATENT OFFICE.

MANSEL A. ORMSBEE, OF FAIR HAVEN, VERMONT.

IMPROVEMENT IN INVALID BEDSTEADS.

Specification forming part of Letters Patent No. 116,861, dated July 11, 1871.

To all whom it may concern:

Be it known that I, MANSEL A. ORMSBEE, of Fair Haven, in the county of Rutland and State of Vermont, have invented a new and Improved Invalid Bed; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 represents a vertical longitudinal section of my improved invalid bedstead. Fig. 2 is an end elevation of the same.

Similar letters of reference indicate corresponding parts.

This invention has for its object to provide an invalid bedstead, which will permit the separation of the mattress from the invalid's direct support without requiring the latter to be disturbed. The invention consists in the combination of parts hereinafter described and subsequently claimed.

Invalid beds were heretofore generally provided with a vertically-adjustable sheet or support which had to be elevated when a vessel was to be introduced between it and the mattress. The labor required for thus elevating and lowering the sick person was considerable, and is entirely overcome by making the mattress adjustable.

A in the drawing represents the bedstead-

frame, of suitable size and construction. B is the sheet for directly supporting the invalid. It is stretched upon a frame, C, which is, by cords or bands *a a*, suspended from the upper part of the bedstead-frame, said cords or bands being preferably provided with hooks *b b* at their upper ends so that they may thereby be suspended from the upper edge or part of the bedstead head and foot-rest. D is the mattress or actual bed-bottom. It is, by cords or bands *c c*, suspended from rollers or rounds *d e*, which are provided at the ends of the bedstead. The roller *d* is a windlass, with a crank-handle, *f*, and ratchet-wheel *g*, and is locked by a pawl, *h*. By turning it the mattress can be raised or lowered at will to permit in the latter case the interposition of a vessel between sheet and mattress. When the mattress is elevated it supports the sheet, and relieves the bands *a*, which may be detached from the bedstead.

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

The sheet-frame C suspended by bands *a a* having hooks *b b*, and the mattress D suspended by bands *c c* from rollers *d e*, which have crank mechanism attached thereto, combined as described with the bedstead-frame A, for the purpose specified.

Witnesses: MANSEL A. ORMSBEE.

H. B. ORMSBEE,
ELI S. BARBER.