

C. T. MOORE.
INVALID-BEDSTEAD.

No. 191,068.

Patented May 22, 1877.

Fig: 1.

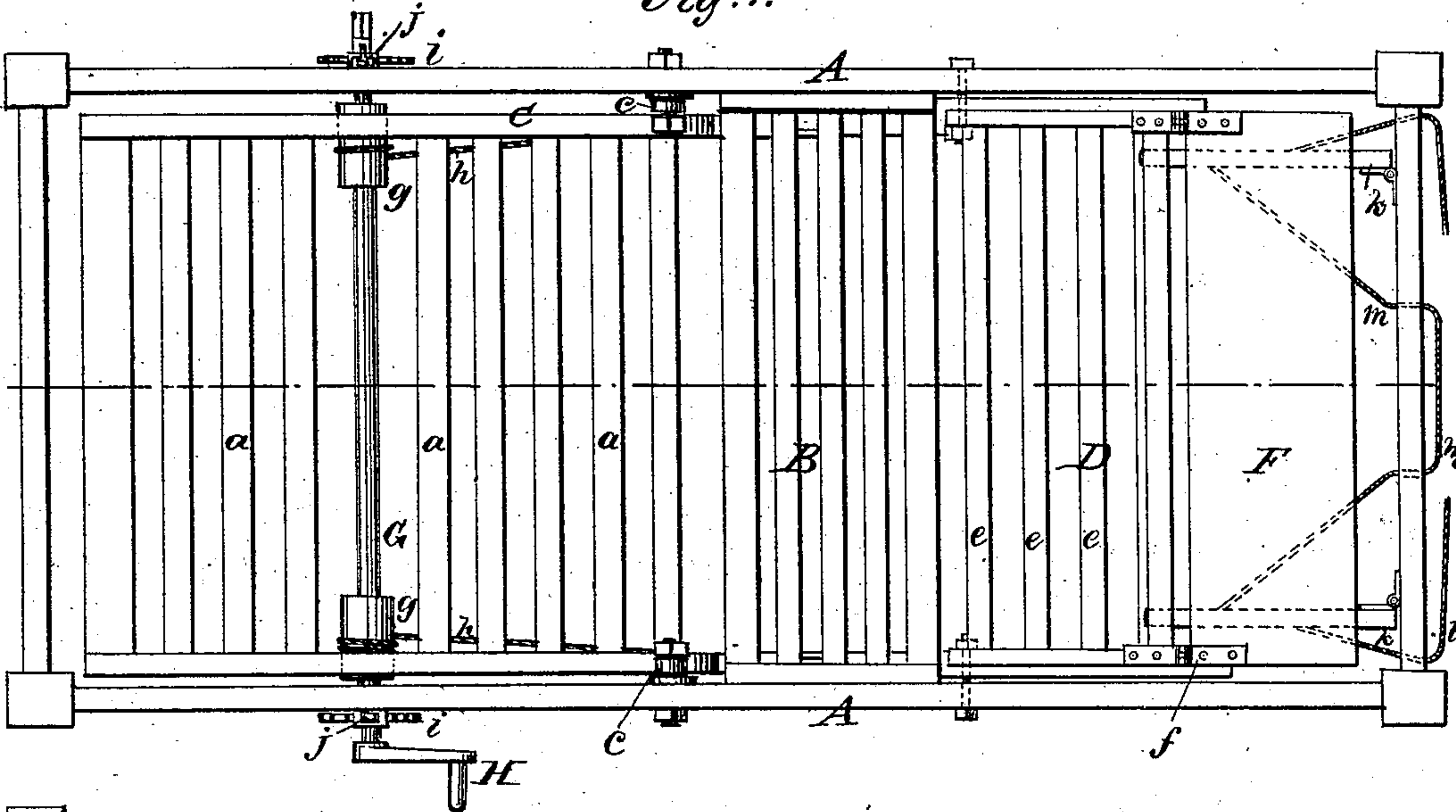
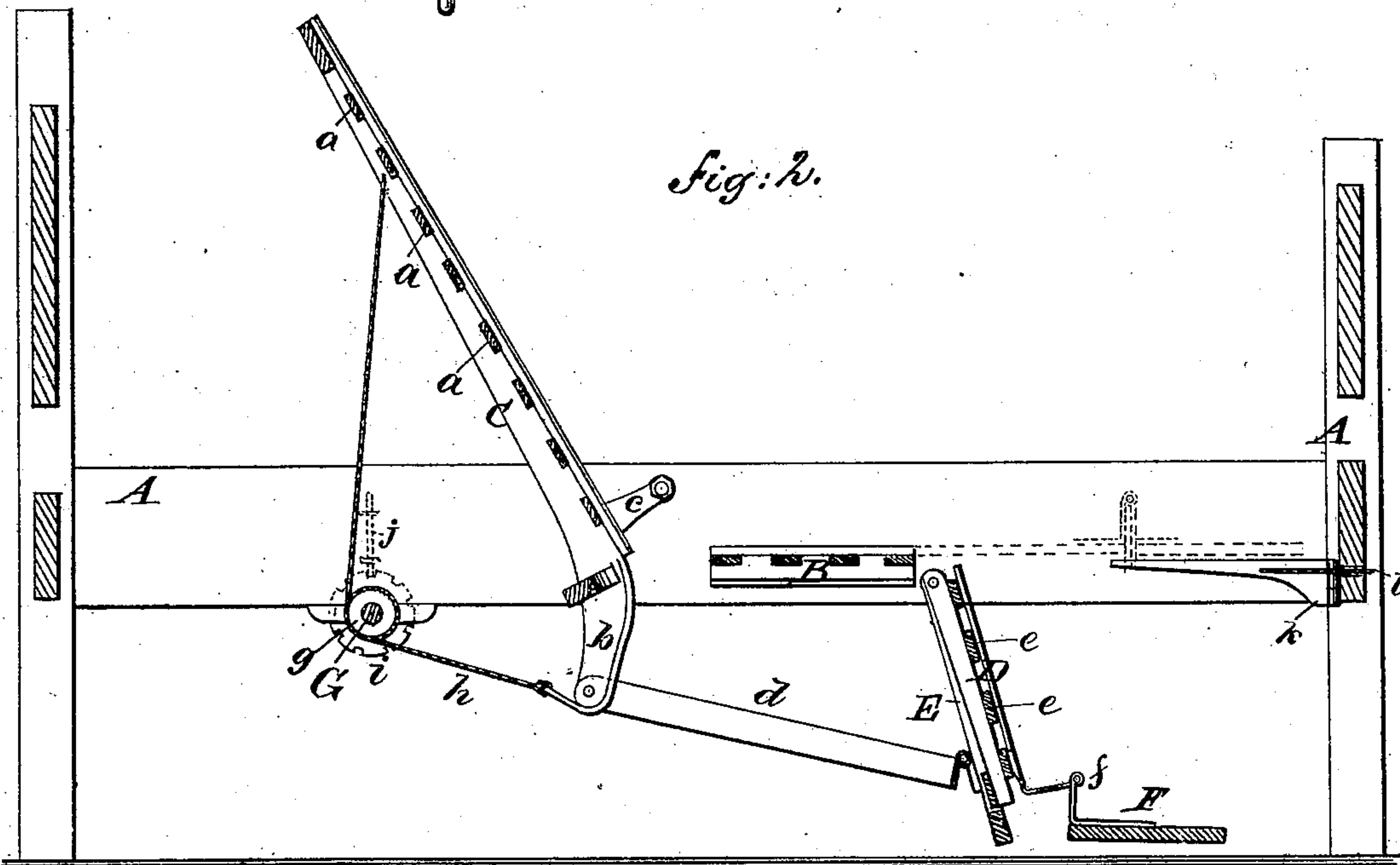


Fig: 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

CHARLES T. MOORE, OF RENOVO, PENNSYLVANIA.

IMPROVEMENT IN INVALID-BEDSTEADS.

Specification forming part of Letters Patent No. **191,068**, dated May 22, 1877; application filed March 12, 1877.

To all whom it may concern:

Be it known that I, CHARLES THOMAS MOORE, of Renovo, in the county of Clinton and State of Pennsylvania, have invented a new and Improved Invalid-Bedstead, of which the following is a specification:

Figure 1 is a plan view. Fig. 2 is a longitudinal section on line *x x* in Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to provide a bedstead for invalids, which can be adjusted in various positions for the convenience and comfort of the occupant.

In the drawing, A is the frame of the bedstead, which is provided with a narrow section, B, of stationary slats, and in which is placed at the head end a frame, C, having transverse slats *a*. The ends of the side pieces of the said frame are curved downward, forming arms *b*, and ears *c* are attached to the said side pieces, which are pivoted to the side pieces of the bedstead-frame.

Frames D and E are pivoted to the sides of the bedstead-frame near the edge of the section B. The frame E is connected with the arms *b* of the frame C by rods *d*. The frame D is provided with slats *e*, and with long hinges *f*, to which a foot-board, F, is attached.

A shaft, G, extends across the frame of the bedstead, in the sides of which it is journaled. Upon this shaft drums *g* are placed, around which cords *h* pass. The ends of these cords are attached to opposite ends of the frame C.

The ends of the shaft G are squared to receive a crank, H, and the wheels *i*, the notches of which are engaged by bolts *j*, that slide in guards attached to the sides of the bedstead.

Brackets *k* are hinged to the foot of the bedstead-frame, and are of sufficient length to support the edge of the frame D when it is in a horizontal position, and the brackets are thrown out at right angles to the foot of the bedstead.

A cord, *l*, runs through holes in the foot of the bedstead, and is attached to the outer side of the brackets for turning the brack-

ets outward, and a cord, *m*, runs through holes in the foot of the bedstead, and is attached to the inner side of the brackets, which, being pulled, fold the brackets.

The mattress used upon this bedstead is made up of four sections, which are hinged together.

By turning the shaft G, the frame C is raised at any desired angle, and the frame E, being connected with the arms *b* of the frame C by the rod *d*, is moved downward, permitting the frame D and foot-board F to take the position shown in Fig. 2.

If it is required to raise the frame C without lowering the frame D and the board F, the brackets *k* are thrown out under the board F, so as to engage the edge of the frame D, which sustains the said frame and the foot-board in a horizontal position, while the frame E is free to move downward as before.

The bolt *j*, by engaging the notched wheel *i*, retains the frame C in the desired position.

The design of the long hinges attached to the board F, and the ears *c*, attached to the frame C, is to permit the mattress to work on its hinges, the pivots of the said ears and hinges being in line with the hinges of the mattress.

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

1. The combination, in an invalid-bedstead, of the pivoted frame C, having slats *a*, shaft G, drums *g*, notched wheels, and retaining-bolt *j*, substantially as herein shown and described.

2. The combination of the bedstead-frame A, fixed section B, pivoted frame D, step F, frame E, rods *d*, and frame C, substantially as herein shown and described.

3. The combination of the brackets *k*, cords *l m*, frame D, and bedstead-frame A, substantially as herein shown and described.

CHARLES T. MOORE.

Witnesses:

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