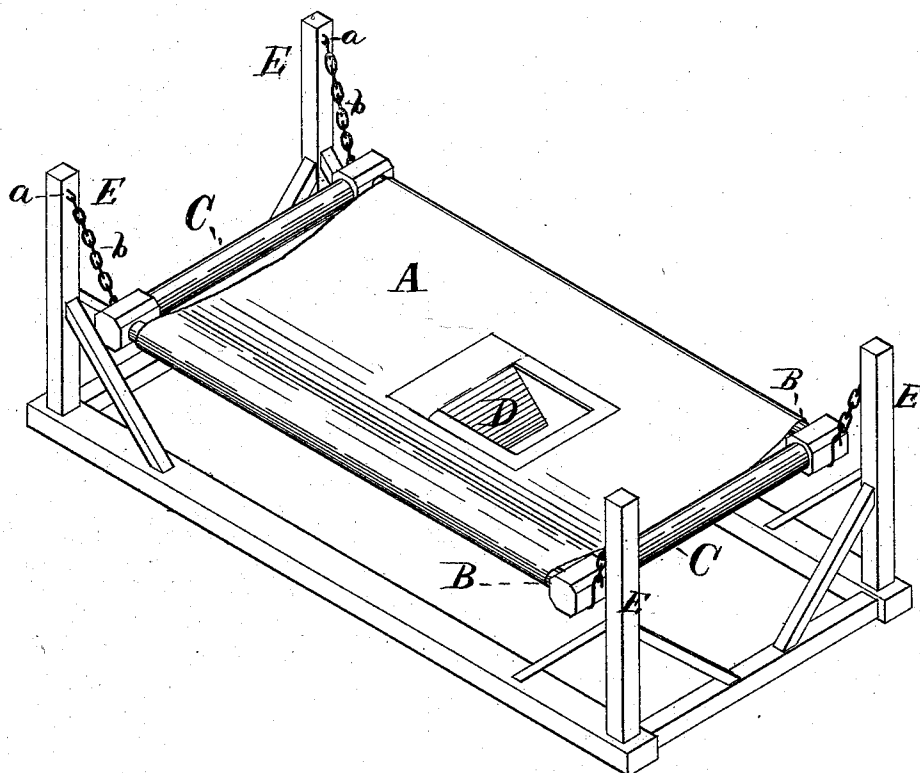


(No Model.)

A. P. FOBES.
INVALID BED.

No. 270,046.

Patented Jan. 2, 1883.



WITNESSES

T. J. Brewster, Jr.
W. Smith

INVENTOR.

Anna P. Fobes

UNITED STATES PATENT OFFICE.

ANNA P. FOBES, OF SYRACUSE, NEW YORK.

INVALID-BED.

SPECIFICATION forming part of Letters Patent No. 270,046, dated January 2, 1883.

Application filed September 20, 1882. (No model.)

To all whom it may concern:

Be it known that I, ANNA P. FOBES, of Syracuse, Onondaga county, New York, have invented a new and Improved Invalid-Bed, of which the following is a specification, reference being had to the accompanying drawing, in which is shown a perspective view of the bed complete.

My object is to produce an easy and comfortable bed of such construction that the invalid can perform all of the necessary operations of nature without being raised or lifted or disturbed.

My invention consists of a bed constructed of cloth or canvas mounted upon a frame-work, and having a trap-opening therein centrally located, the whole being suspended from the ends or corners of the frame-work by ropes or chains attached or connected to upright posts, or to the ceiling, so that the bed will swing sidewise between them. It is constructed as follows:

A is a piece of cloth or canvas mounted upon two strips, B B, and securely fastened thereto.

C C are pieces of wood between the ends of the strips B, connecting them together and making a rectangular frame-work. These pieces C are of such length as to distend the canvas A and hold it so, and prevent the sagging of the canvas when a weight is placed upon it.

D is the trap, made of such size as to fill or cover the trap-opening. It is usually suspended from one edge, and may be a part of the canvas A or attached to it. Suitable devices—such as straps and buckles—are provided for holding the trap up when the opening is closed by it.

E E are upright posts with hooks or rings

a at their upper ends to receive or hold one end of the ropes or chains b b, while the other ends are attached or connected to the ends or corners of the frame-work with hooks or rings. By these hooks or rings and the ropes or chains the bed is suspended at any height desired, and the posts E being disconnected from the frame-work, the bed swings sidewise independent of them.

Springs can be used in connection with the ropes or chains to obviate perpendicular rigidity.

The strips B can be mortised into the pieces C, or journaled therein, so that by twisting either strip the sag caused by the stretching of the cloth or canvas can be taken up, suitable devices being used to hold the strips when twisted up, such as a pawl and ratchet or equivalent device.

The bed can be suspended from the ceiling, if desired, in any ordinary manner.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is—

1. In an invalid-bed, the combination of the frame-work B C, carrying the canvas bed-bottom A, having therein the adjustable trap D, with the posts E and suspending ropes or chains b, and hooks or rings a, when constructed and operating together substantially as and for the purposes set forth.

2. An invalid-bed provided with a centrally-located trap, and suspended by ropes or chains, constructed substantially as described.

In witness whereof I have hereunto set my hand this 16th day of September, 1882.

ANNA P. FOBES.

In presence of—

C. W. SMITH,

T. T. BREWSTER, Jr.