

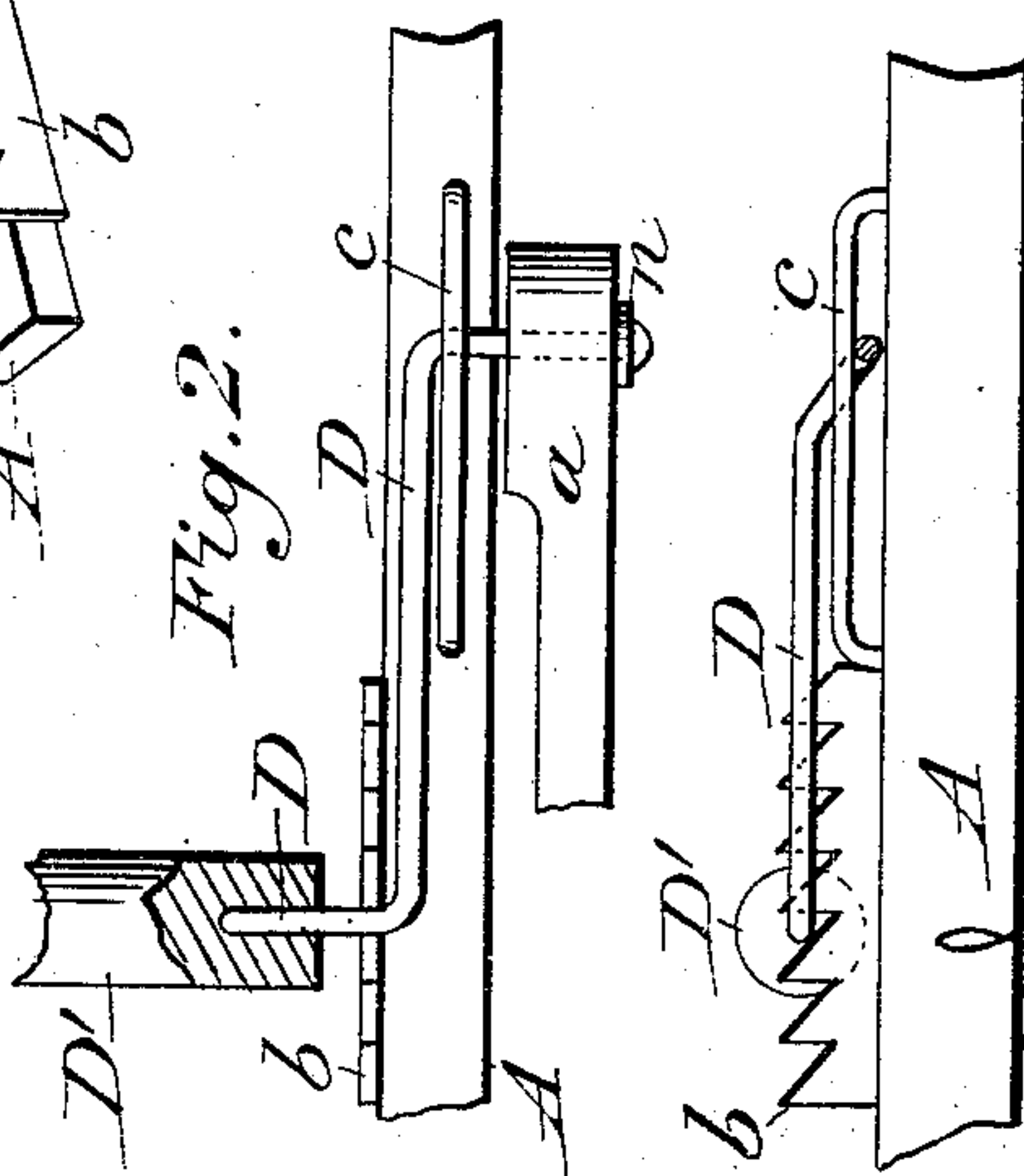
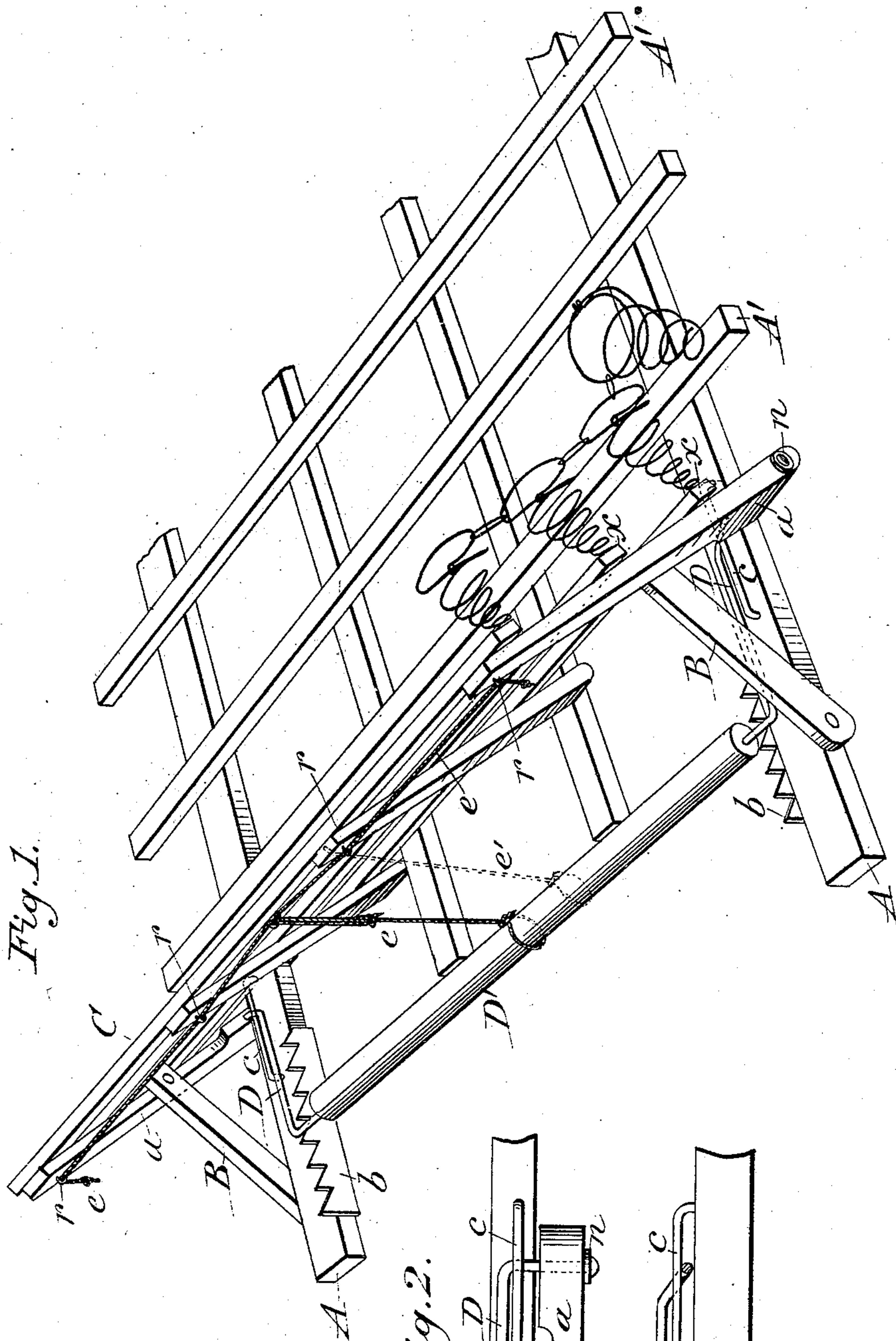
(No Model.)

D. D. WYMAN.

BED BOTTOM.

No. 254,084.

Patented Feb. 21, 1882.



Attest:
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UNITED STATES PATENT OFFICE.

DANIEL D. WYMAN, OF LOCKPORT, NEW YORK.

BED-BOTTOM.

SPECIFICATION forming part of Letters Patent No. 254,084, dated February 21, 1882.

Application filed December 27, 1881. (No model.)

To all whom it may concern:

Be it known that I, DANIEL D. WYMAN, a citizen of the United States, residing at Lockport, in the county of Niagara and State of New York, have invented certain new and useful Improvements in Bed-Bottoms, of which the following is a specification.

My invention relates to that class of bed-bottoms described in the patent to Menzo Stansel, of Yorkville, Illinois, dated May 21, 1878, and is an improvement on the same. It is the experience of persons using said bed-bottoms that they have great difficulty and annoyance in raising the head-rest, it being almost impossible to get at the rods which work in the ratchet and hold the head-rest up without getting under the bed. It is also found that the ratchet-rod, not being firmly secured at its ends, is liable to spread out and be loosened.

The objects of my invention are, first, to provide an attachment to the ratchet-rod so connected and arranged that the head-rest may be easily and speedily raised by any person at the side of the bed or any point desired; second, to furnish washers or nuts to the ends of the ratchet-rods to prevent the ends from spreading; and, third, to overcome the objections before mentioned. I attain these objects by the construction, arrangement, and combination of the several parts, as illustrated in the accompanying drawings, in which—

Figure 1 is a perspective end view of a bed-bottom, showing my raising attachment. Fig. 2 is a detached view, showing how the end of the ratchet-rod is made secure.

Similar letters of reference refer to similar parts throughout the several views.

As all the parts, with the exception of my improvements, are fully described in said patent to Menzo Stansel, before mentioned, I will not describe them minutely, as their construction is fully shown in the drawings.

A A' are the bottom bars, arranged at right angles to each other.

B B are two braces pivoted to the head end of the bottom and to the head C.

C represents the head-rest of the bed-bottom, composed of cross and longitudinal bars.

D is a bent rod which catches in the ratchets *b*, which are on the longitudinal bars A. Upon the top of these bars are formed guides *e*. The rod D may be continuous or formed

in two parts, connected by the bar D', the ends of the rods D in either case being held secure and prevented from spreading by means of the washers or nuts *n*, as shown in Fig. 2. While the head C is raised in a vertical position the rods D catch in the ratchets *b*, and hold the head C rigidly in position.

Upon the top of the bars are formed guides, under which the bent rod D catches, for the purpose of preventing the inner end of the head from rising upward while moving back and forth.

e is a cord, rope, or wire, which runs from the rod D or connecting-bar D', to which it is attached, to the top bar, *x*, of the head C, and thence through loops or staples *r*. To either or both sides of the head-rest C small sheaves may be used, if desired. A single cord, *e'*, may be used, running from the center or near thereto to the top bar, *x*, of head-rest C, as shown by the dotted lines in Fig. 1. It will be seen in Fig. 1 that the cord *e* commences a single cord and divides itself into two, one going to each side, as before described.

The operation is simple. To raise the head-rest C to any desired position, the person standing at the side of the head simply pulls on the cord *e* until the head-rest is raised to the height desired, whereupon, the cord being released, the rod D will instantly fall and catch in the ratchets *b* and hold the head-rest C in position. To lower the head-rest, simply pull on the cord *e*, which will release the rod D from the ratchets *b*, and the head-rest may be lowered. It is evident that the head-rest may be thus raised and lowered to any position desired. The same effect can be produced by a party at the head of the bed, without going to the sides, by means of cord *e*.

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

The combination of the side bars, A, having ratchets *b* and guides *e*, the rods D, secured by nuts *n*, and the movable head-rest C, connected with said rods by means of suitable cords, and adapted to be raised from the back or sides, substantially as shown and described.

DANIEL D. WYMAN.

Witnesses:

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