9086X

N. Richardson,

Bed Head-Section.

Patented Sept. 9, 1835

Fig: 1

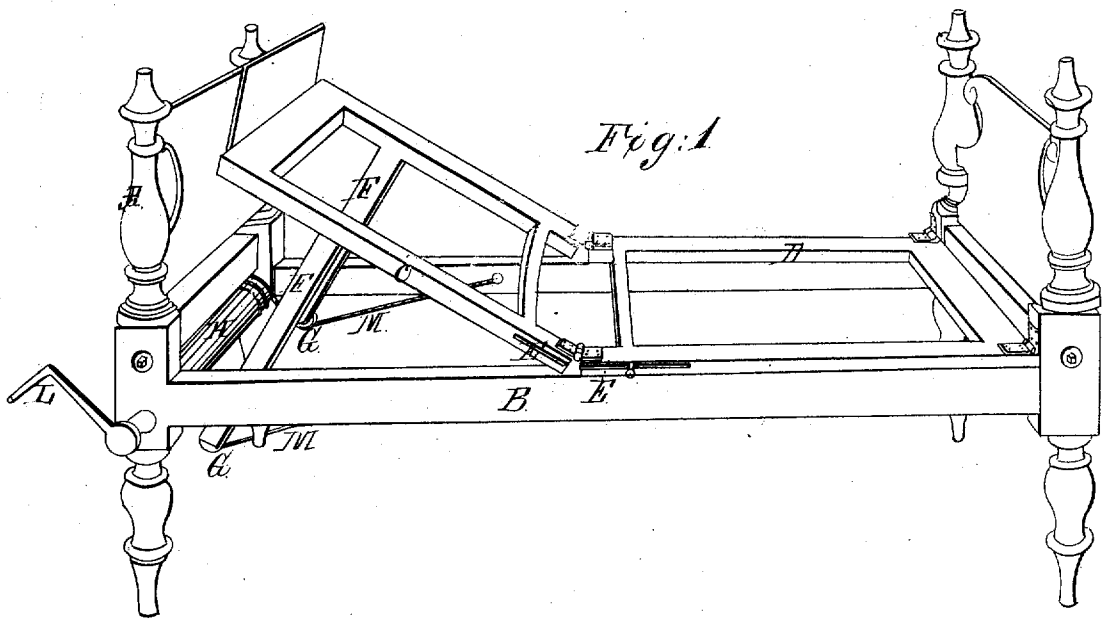
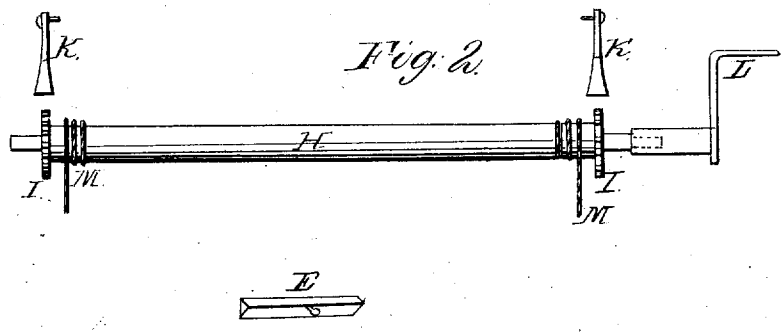


Fig: 2



N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

Sept 9, 1835

Nathaniel Richardson Boston.

Letters Patent

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said Nathaniel Richardson himself of his improvement in the Bedstead for the sick called Richardsons Alleviator

Be it known that I Nathaniel Richardson of Boston County of Suffolk and State of Massachusetts have made an improvement in the Bedstead for the sick called Richardsons Alleviator which is described as follows. The sides and Ends of this Bedstead A. B. C. D. are made similar to those in common use. In fig 1 of the annexed drawing C and D. represent moveable frames hanging on hinges which may be elevated or depressed to any angle required. E Nut and Key by which the two moveable frames may be firmly united when it is required to raise the whole bed at the same time F F pieces of wood framed into the two side of the upper moveable frame with pulleys G. G. in them and hanging on ends hereafter described. H revolving rail. I I ratchet wheels ~~wheels~~ fixed on the ends of the revolving rail. K K pally to secure the ratchet wheels L crank handles to turn the revolving rail. M M. cords to raise the frame or frames one end of each cord being fastened to the side Rail of the bedstead and the other wound around the revolving rail. Operation. The frames being first down upon the rails of the Bedstead and it is required to raise the whole bed the Key is inserted into the Nut which secures the two frames together as one frame. The crank handle is turned which turns the revolving rail and winds the cords around it and thus raises the frame. The ratchet wheels and pally secure the revolving rail from returning and the bed is thus kept at any angle required. When it is desired to raise the upper half of the bed alone. The Key is removed from the Nuts and by the

before described operation the lower half of the frame would remain stationary whilst the upper half would be elevated
What I claim as my invention and desire to secure by Letters Patent consists in the combination and arrangement of the parts of the apparatus for elevating and depressing the Ice as before described but I claim no part of the Bedstead itself

Witnesses
Robt. Clarke
Wm. F. Elliot

Nathaniel Richardson

2d
Clk.

432 nd.

(Patented 9 September 1835)

(Drawing.)