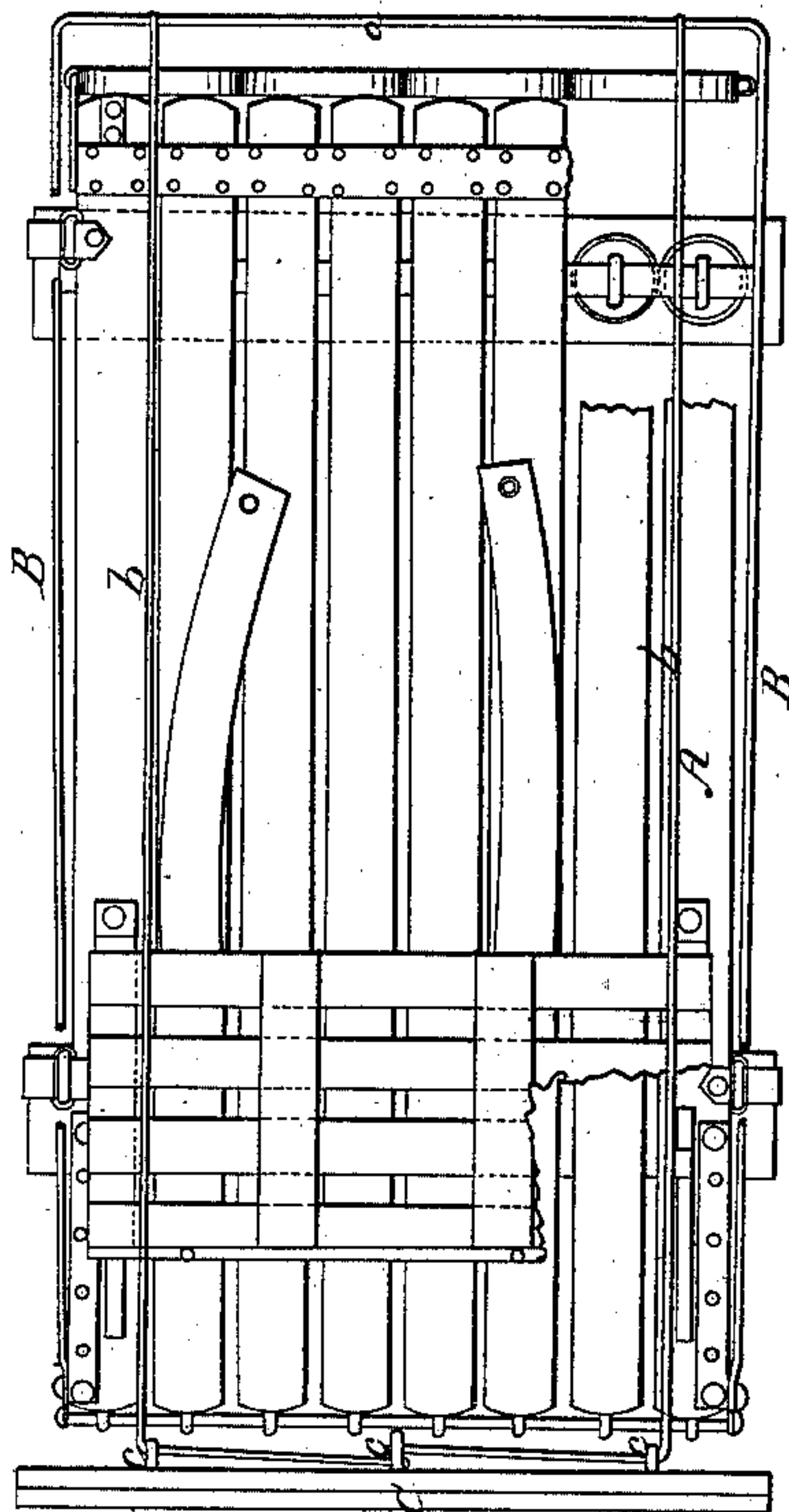


*E. Steinel,*

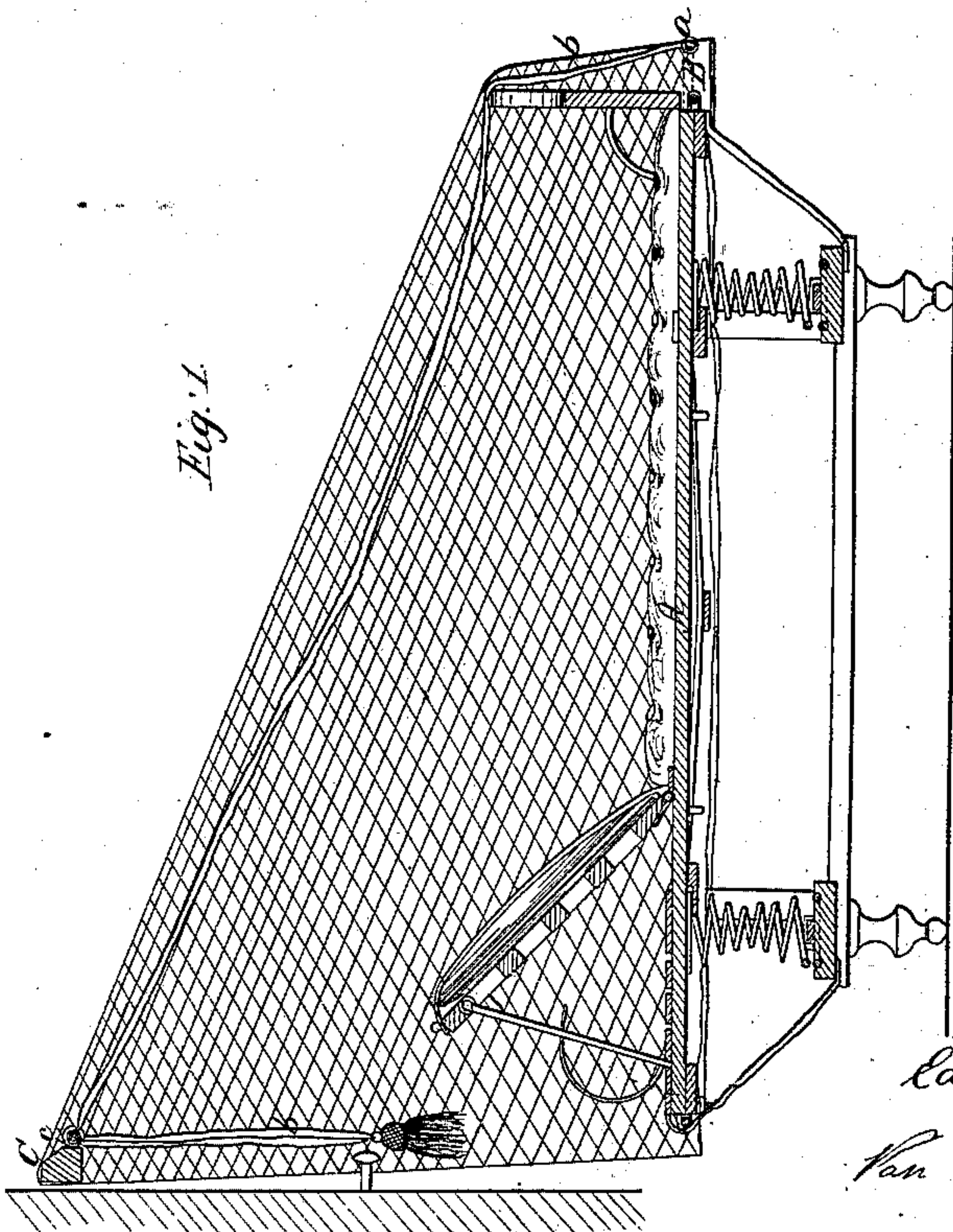
*Mosquito Net,*

*N<sup>o</sup> 78,024.*

*Patented May 19, 1868.*



*Fig. 2*



*Fig. 1*

*Witnesses;*

*Gust. as Beng  
John C. Pollen*

*Inventor;*

*Ed Steinel  
Per  
Van Santvoord & Haus  
Att*

# United States Patent Office.

EDWARD STEINEL, OF AMSTERDAM, NEW YORK.

*Letters Patent No. 78,024, dated May 19, 1868.*

## IMPROVED MOSQUITO-BAR.

The Schedule referred to in these Letters Patent and making part of the same.

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, EDWARD STEINEL, of Amsterdam, in the county of Montgomery, and in the State of New York, have invented a new and useful Improvement in Mosquito-Bars; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which drawing—

Figure 1 represents a longitudinal vertical section of a bedstead, protected by my improved mosquito-bar.

Figure 2 is a plan or top view of the same.

Similar letters indicate corresponding parts.

This invention relates to a frame, which is hinged to the upper end of a bedstead, or to the wall near the upper end of a bedstead, and over which a mosquito-net is stretched. From the cross-bar of this frame extend cords, through loops or staples, secured in a top bar, which is suspended from suitable hooks in the wall, over the head of the bedstead, in such a manner that the person occupying the bed is enabled to raise and lower the frame with ease and facility, and that when the frame is down, the bedstead is completely covered by the mosquito-net, and the person or persons occupying the bed are protected against the mosquitoes.

A represents a bedstead, constructed in any desirable manner. To the upper end of this bedstead is hinged the frame B, which is made of thin wire, or any other suitable material, of such a form that when the same is turned down, its cross-bar, *a*, is situated outside the foot-end of the bedstead, and parallel with the same, as shown in fig. 2 of the drawing.

Over the frame B, a mosquito-net is stretched, and from the cross-bar *a* extend cords, *b*, through loops or staples, *c*, which are secured in the top bar, C. This bar is suspended from suitable hooks secured in the wall, over the head of the bedstead, and the mosquito-net is secured to it.

The ends of the cords *b* hang down, so that they can be conveniently reached by the person or persons occupying the bed. By pulling the cords, the frame B swings up and the mosquito-net is raised, so that easy access can be had to the bed, and by releasing the cords, the frame turns down, and the mosquito-net envelopes the bed and forms a perfect protection against mosquitoes or flies.

The mosquito-net can thus be raised and lowered without sustaining the least injury, and its position can be controlled by the person or persons occupying the bed. By unhooking the top bar from the wall, and unfastening the side bars of the frame from the bedstead, the mosquito-net, together with the frame, can be readily removed and put away in a small compass.

What I claim as new, and desire to secure by Letters Patent, is—

The hinged frame B, and top bar C, in combination with cords *b*, and with a mosquito-net, substantially as and for the purpose described.

EDWARD STEINEL.

Witnesses:

C. W. SCHINDLER,

CHRISTOPHER EMORY.