M. J. WALDRON.

MOSQUITO-BARS.

No. 180,972. Patented Aug. 8, 1876.

Fig: 1.

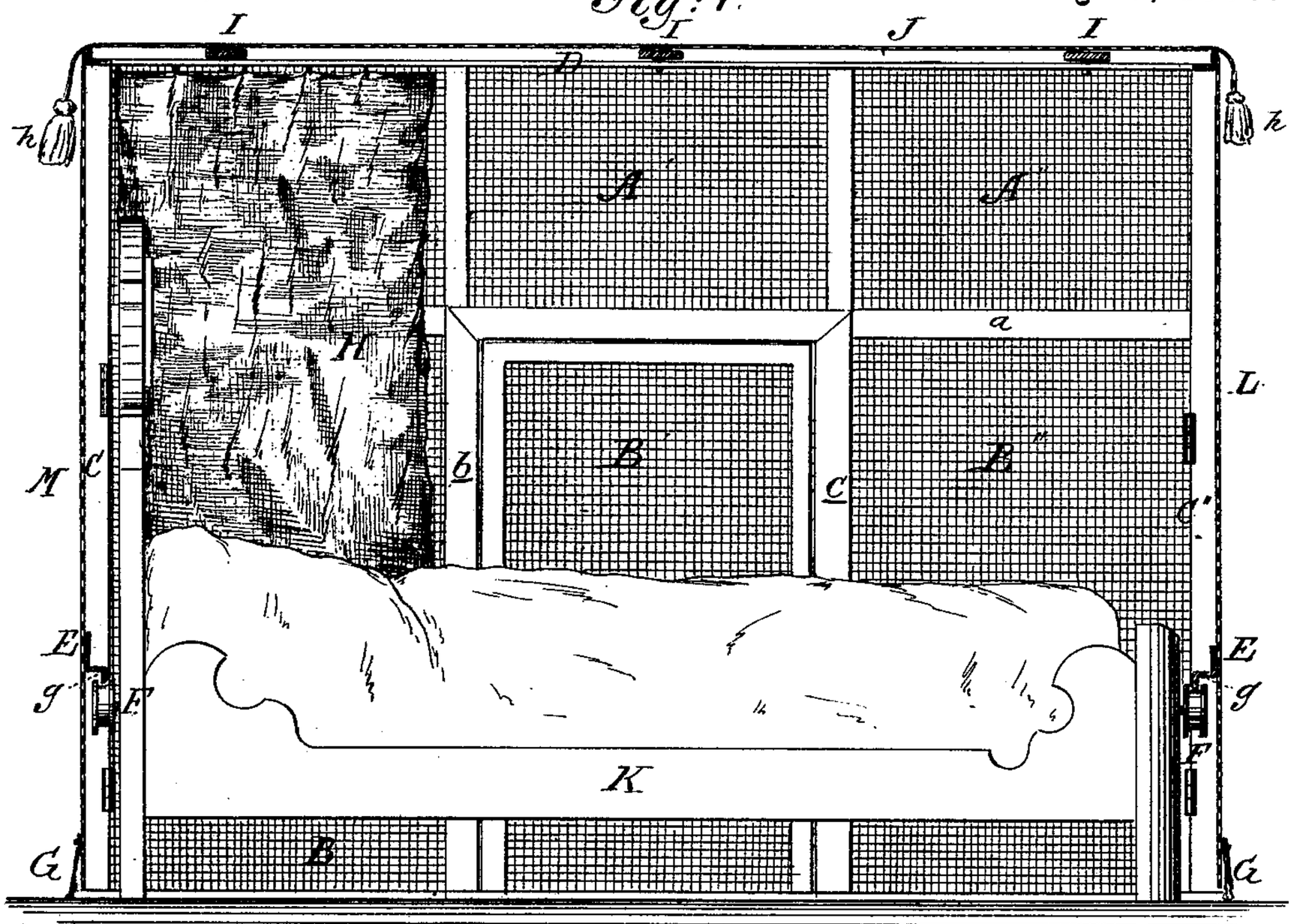
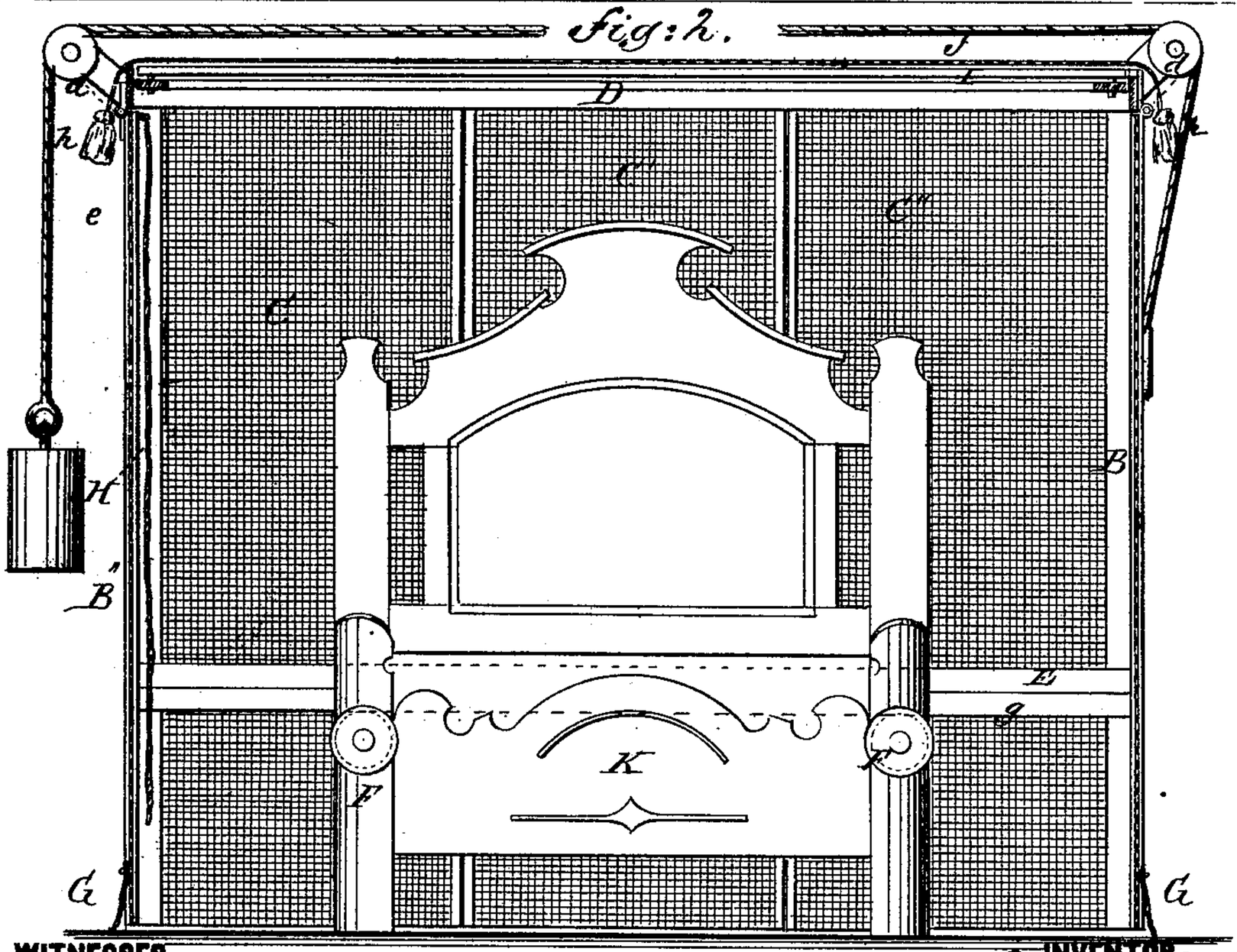


Fig: 2.



WITNESSES:

Chas. Nida

John Goepel

INVENTOR:

M. J. Waldron

BY

Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

MICHAEL J. WALDRON, OF MEMPHIS, TENNESSEE.

IMPROVEMENT IN MOSQUITO-BARS.

Specification forming part of Letters Patent No. **180,972,** dated August 8, 1876; application filed June 26, 1876.

To all whom it may concern:

Be it known that I, MICHAEL J. WALDRON, of Memphis, in the county of Shelby and State of Tennessee, have invented a new and Improved Mosquito-Bar, of which the following is a specification:

Figure 1 is a side elevation in section. Fig. 2 is an end view in section.

Similar letters of reference indicate corresponding parts.

My invention consists of a room or inclosure, surrounding a bed and carrying a track that engages with rollers on the ends of the bedstead. The said room or inclosure is wider than the bed, and is composed of sections or frames, hinged or otherwise fastened together and covered with wire-gauze, or other suitable netting, the top of the inclosure being covered with a canopy of gauze, or other material, which is retained in place by weights attached to the corners and sides. It further consists in curtains arranged inside the gauze to protect the occupant from currents of air.

A A′ A″ and B B′ B″ are sections composing one of the sides of the room. The sections A A′ A″ and B are attached to the bars *a*, *b*, and *c* by means of screws, or in any other convenient manner. The section B′ is hinged to the bar *c*, forming a door. The whole side is hinged to the top rail at *d*, and is capable of being raised on the hinges by means of the cord *e*, which is attached to the side and runs over the pulley *f*, which is supported on a bracket attached to the end of the inclosure.

The section B′ may be hinged to the section B″, and the section B″ may be hinged to the end section C″ at the end L, and the section B may be hinged to the section C on the opposite end M, making a series of folding doors, which renders it possible to throw the lower part open, and leave the sections A A′ A″ standing.

The sections C C′ C″, composing the end, are rigidly fixed to the top frame D, and also to an angle-plate, E, which supports the track *g*. F F′ are flanged rollers attached to the head and foot of the bedstead K, at such a height as will support the inclosure a small distance above the floor, when the track *g* is placed on the rollers. G is a valance surrounding the lower edge of the inclosure and touching the floor. H is a curtain hanging from the top frame D to protect the occupant of the bed from currents of air. I I I are bars extending across the top of the frame D to support the canopy J. *h h* are weights attached to cords on the canopy, which hold it in place.

The advantages claimed for my improvement are that it protects the occupant from noxious insects, from currents of air, from noise, and from disease. It also prevents the spread of contagious diseases, the sick person being confined within the inclosure.

The inclosure may be readily moved, so as to give room for attendants or for dressing on either side. The whole side may be opened, if desired, to adjust or remove the bedding; and when not required the device may be taken apart and packed in small compass.

I design to employ the canopy not only to inclose and protect individuals while sleeping, or confined to the bed by illness, but while pursuing various avocations or occupations—for example, it may be used to cover an office-desk, a piano, a sewing-machine, or a dining-table.

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

1. As a new article of manufacture, a musquito-canopy stretched upon a rigid frame, provided with angle-plates E, adapted to engage with flanged rolls on the frame of the bedstead, and having the valance G, all as and for the purpose set forth.

2. The canopy, provided with the hinged side and the counter-weights, connected to the same by means of cords *e* passing over pulleys attached to the frame, as shown and described.

3. The combination of the canopy and the bed-frame, provided with rollers, as shown and described, whereby the former may be moved laterally to enlarge the available space at the side of the bed, or other article of furniture, as specified.

4. The combination of the canopy J, weights *h*, and frame D, substantially as shown and described.

5. The combination of the curtain H and sections A B, as shown and described.

6. The combination of the valance G, with the sections B B′ B″ and C C′ C″, as shown and described.

7. The combination of the sections B′ B″, the end section C″, section B, and end section C, hinged together and forming a series of folding doors, substantially as specified.

MICHAEL J. WALDRON.

Witnesses:

T. B. MOSHER,

ALEX. F. ROBERTS.