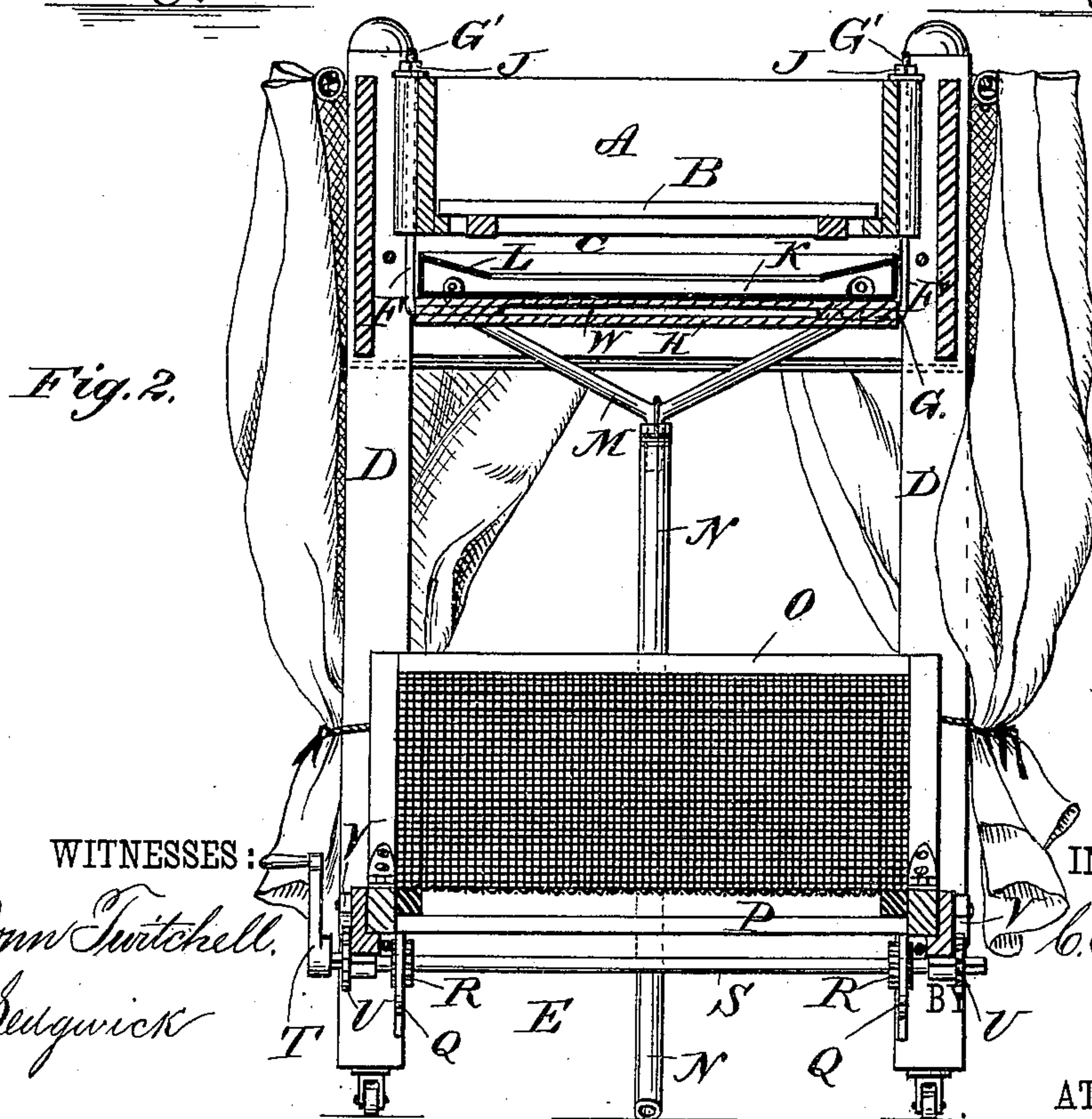
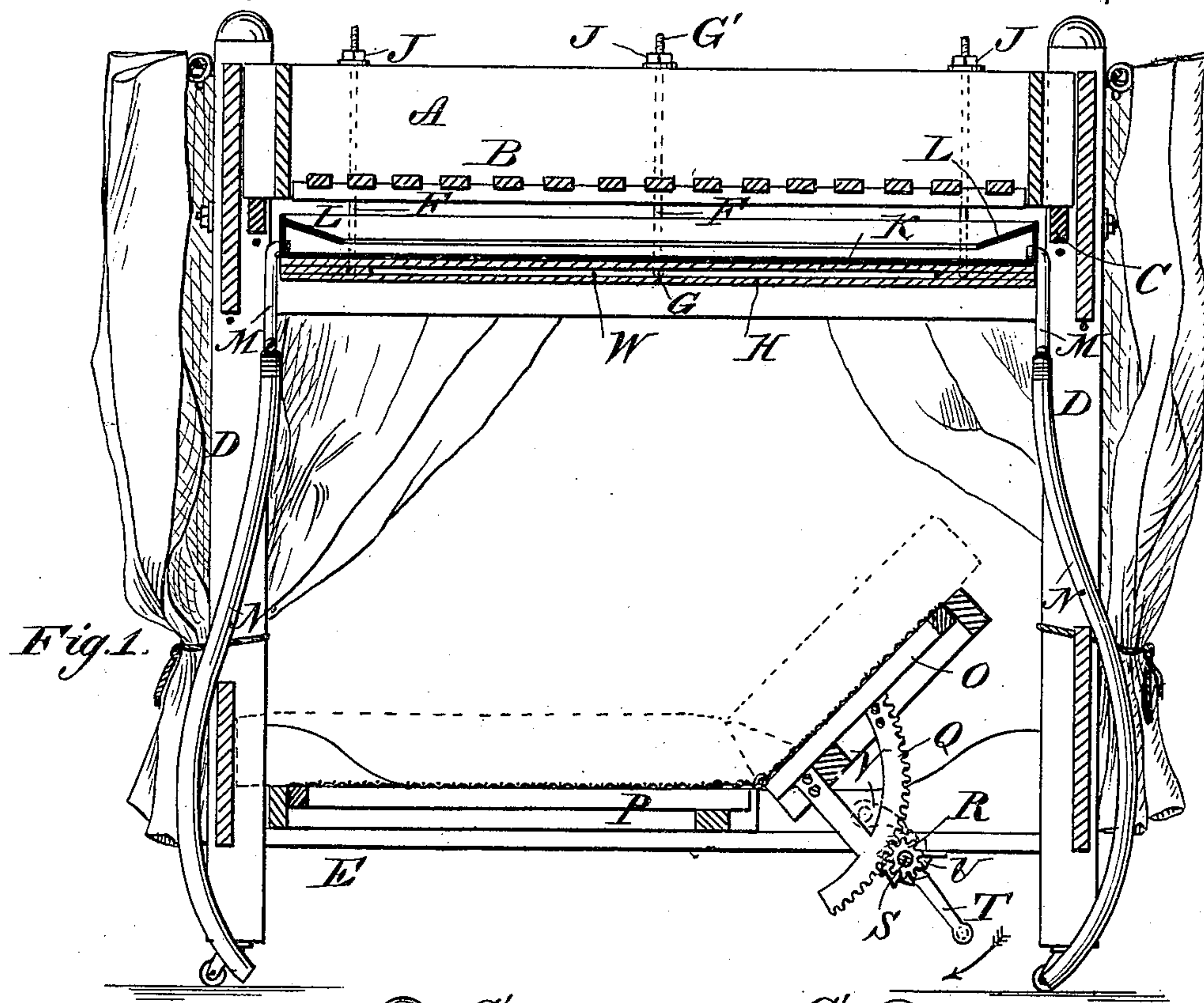


(No Model.)

C. P. JACKSON.  
REFRIGERATING BEDSTEAD.

No. 253,059.

Patented Jan. 31, 1882.



WITNESSES:

*Donn Twitchell.*  
*C. Sedgwick*

INVENTOR:

*C. P. Jackson*  
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# UNITED STATES PATENT OFFICE.

CHARLES P. JACKSON, OF CHICAGO, ILLINOIS.

## REFRIGERATING-BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 253,059, dated January 31, 1882.

Application filed September 12, 1881. (No model.)

*To all whom it may concern :*

Be it known that I, CHARLES P. JACKSON, of Chicago, in the county of Cook and State of Illinois, have invented a new and Improved Refrigerating-Bedstead, of which the following is a specification.

The object of my invention is to provide a new and improved refrigerating-bedstead for cooling, refreshing, and purifying the air in a sick-chamber. A further object is to facilitate raising the head and upper part of the body of the patient.

The invention consists in a bedstead having an ice-box held a suitable distance above it, directly below which ice-box a drip-pan is suspended provided with inwardly and downwardly inclined flanges to prevent the water from splashing or flowing over the sides of the pan when the bedstead is moved suddenly, and with tubes for carrying off the drip-water to a suitable receptacle.

The invention further consists in a hinged or pivoted head-rest provided with circular or segmental racks engaging with cog-wheels on a crank-shaft provided with ratchet-wheels, in which pawls catch on the side of the bedstead for the purpose of holding the head-rest at the desired inclination.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a longitudinal sectional elevation of my improved refrigerating-bedstead. Fig. 2 is a cross-sectional elevation of the same.

An ice-box, A, provided with a removable slotted bottom, B, rests on the transverse bars C, connecting the upper ends of the corner-posts D of a bedstead, E, the posts D being of such height that the ice-box will be four or five feet above the mattress. Rods F, bent rectangularly at the lower ends, G, pass vertically through the sides of ice-box A, the bent ends G passing into apertures in the longitudinal edges of a ceiling or frame, H, a short distance below the slotted floor or bottom B of the ice-box, this ceiling being constructed with one or more air-spaces, W, in its thickness. The upper threaded ends, G', of the rods F are provided with nuts J, resting on the upper edge of the sides of the ice-box. A drip-water

pan, K, of the same size as the ice-box, and provided with downwardly and inwardly projecting flanges L, about six to eight inches wide, rests on the frame H. Tubes M, connected with a flexible tube, N, conduct the drip-water from this pan K into a suitable vessel. A head-rest, O, is hinged or pivoted to the mattress-support P, and is provided at the ends with segmental or circular racks Q, engaging with cog-wheels R on a shaft, S, journaled in the bedstead-frame, and provided with squared ends for receiving a crank-key, T, and also provided with ratchet-wheels U, on which pawls V rest, pivoted to the sides of the bedstead-frame.

The warm and impure air rises, and coming in contact with the large surface of ice in the box A, this air is cooled, refreshed, and purified, for the impurities are absorbed by the ice and are washed down the same into the drip-pan K. The water contained in the drip-pan K cannot splash or flow over the ends and sides of the pan on account of the inwardly and downwardly projecting flanges L. The bedstead can be moved suddenly, or raised, &c., without spilling the water in the pan K.

The ice-box can be removed very easily, and the supporting-rods F can be removed after unscrewing the nuts J, so that the entire refrigerating apparatus can be removed and attached to another bedstead.

By turning the crank-key T as indicated by the arrow the head-rest O will be raised more or less, and will be held at the desired inclination by the pawls V and the ratchet-wheels U.

The air-spaces W in the ceiling or frame H prevent the condensation of water on the under side of the ceiling, as they prevent the ceiling from being cooled sufficiently on the under side to condense the vapors of the rising warm air.

The ice-box can be supported above the bedstead in any other suitable manner, and need not necessarily be supported by the posts of the bedstead.

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

1. A bedstead constructed, substantially as herein shown and described, with an ice-box

supported above it, and with an adjustable head-rest, as set forth.

2. The combination, with a bedstead, of an ice-box supported above it, substantially as shown and described.

3. The combination, with a bedstead, of an ice-box supported above it, and of a drip-water pan below this ice-box, substantially as herein shown and described, and for the purpose set forth.

4. The combination, with the bedstead-posts D, of the cross-pieces C, the ice-box A, the drip-pan K, the hollow ceiling H, and the rods F, substantially as herein shown and described, and for the purpose set forth.

5. The combination, with the bedstead E, of the ice-box A, the drip-pan K, and the tubes M and N, substantially as herein shown and described, and for the purpose set forth.

6. The combination, with the bedstead E, of the ice-box A and the drip-pan K, provided with inwardly and downwardly projecting flanges L, substantially as herein shown and described, and for the purpose set forth.

CHARLES PRINGLE JACKSON.

Witnesses:

J. A. ALLEN,

ERNEST H. JACKSON.