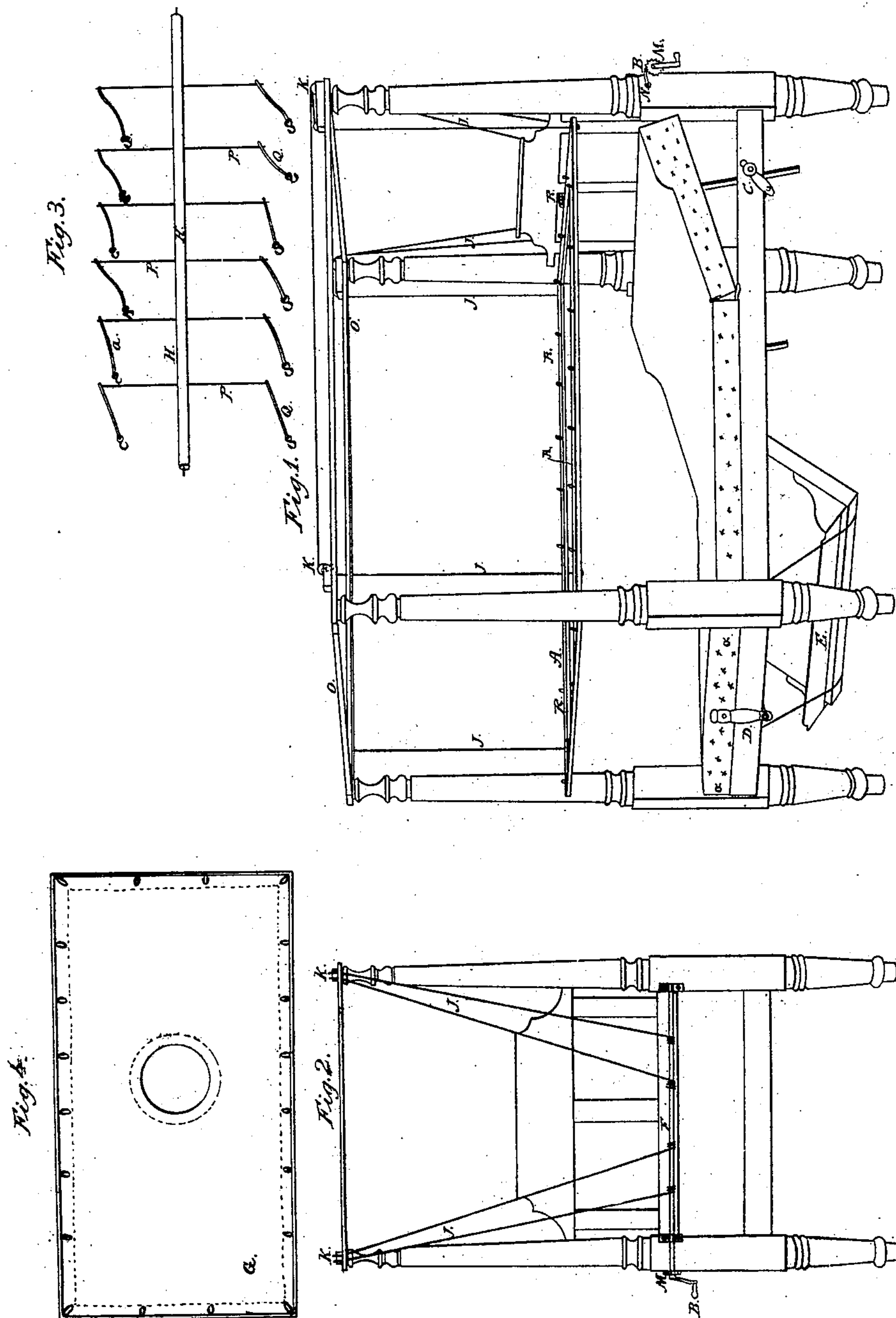


B. EASTMAN.
INVALID BEDSTEAD.

No. 13,253.

Patented July 17, 1855



UNITED STATES PATENT OFFICE.

BENJAMIN EASTMAN, OF PHILADELPHIA, PENNSYLVANIA.

INVALID-BEDSTEAD.

Specification of Letters Patent No. 13,253, dated July 17, 1855.

To all whom it may concern:

Be it known that I, BENJAMIN EASTMAN, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Invalid-Bedsteads; and I do hereby declare that the following is a full and exact description thereof.

To enable others skilled in the art to make and use my invention I will proceed to describe the construction and operation of the same.

In the accompanying drawings, which form a part of this specification, Figure 1, is a perspective of the bedstead; Fig. 2, an end view; Fig. 3, turning frame; Fig. 4, sacking for raising frame which may be fastened to the frame by cords or buttons.

Like letters represent like parts in each figure.

The nature of my invention consists in the construction of an apparatus for turning invalids, by means of a longitudinal shaft having a number of parallel arms perpendicular to its axis each furnished with a cord and hook for sustaining a sacking or sheet; said shaft resting in bearings on a vertically moving frame, or other equivalent support, so as to be turned on its journals when desired as will be set forth.

In the drawing A is a frame moved vertically by cords and pulleys and having upon its end pieces the boxes R to receive and support the journals of the shaft H. This shaft has the parallel arms P perpendicular to its axis; and to the extremity of each arm is a cord Q with a hook at its extremity, as shown in Fig. 3. These hooks en-

gage the holes in the sacking G upon which the patient rests; the combined action of the several parts being as follows.

The patient having been previously placed upon the sacking, the frame A or other bearing of the shaft H is lowered sufficient to admit of the attachment of the sacking to the hooks at the extremities of cords Q. The frame A is then raised, elevating the sacking and patient from the bed; then by depressing the series of arms P on one side of the shaft H, the said shaft will turn in its bearings, and elevate the series of arms P on the other side, thereby inclining the sacking and turning the patient on one side. The lowering of the frame A will bring the patient down upon the bed resting on the side on which he had been turned while elevated. After lowering the patient to the bed the sacking is unhooked and the lifting and turning apparatus drawn up out of the way.

I make no claim to elevating the patient by means of frame A with cords and pulleys as such has been done before.

What I do claim as new and of my own invention, and desire to secure by Letters Patent, is—

The apparatus herein described composed of shaft H, arms P, hooked cords Q in combination with the detachable sacking and vertically moving shaft bearings, arranged and operating substantially as set forth for the purposes specified.

BENJ. EASTMAN.

Witnesses:

JOHN THOMPSON,
SAMUEL DAY.