

(No Model.)

2 Sheets—Sheet 1.

J. & J. N. LEGGETT.
FAMILY OR INVALID BEDSTEAD.

No. 408,350.

Patented Aug. 6, 1889.

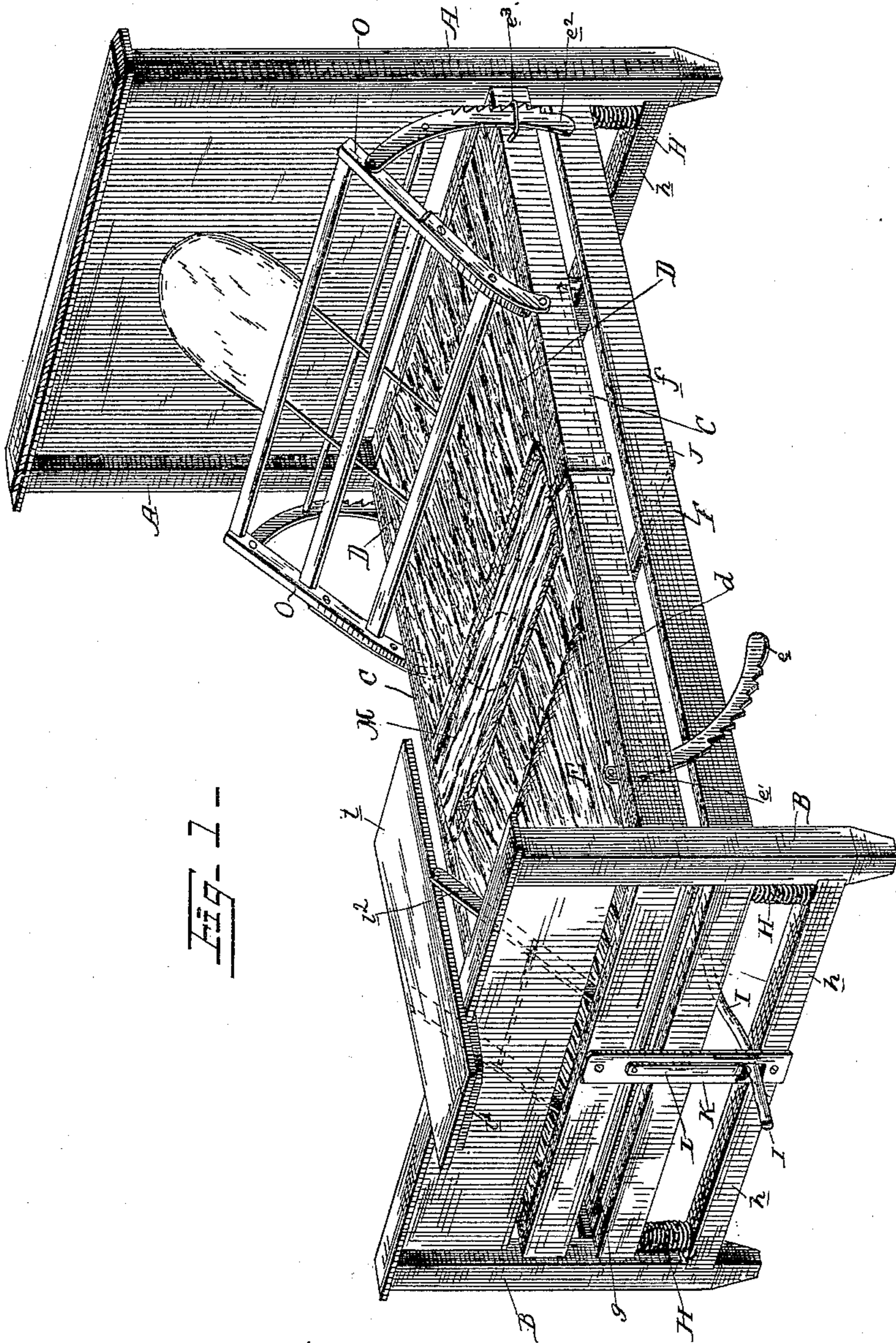


Fig. 1 -

WITNESSES

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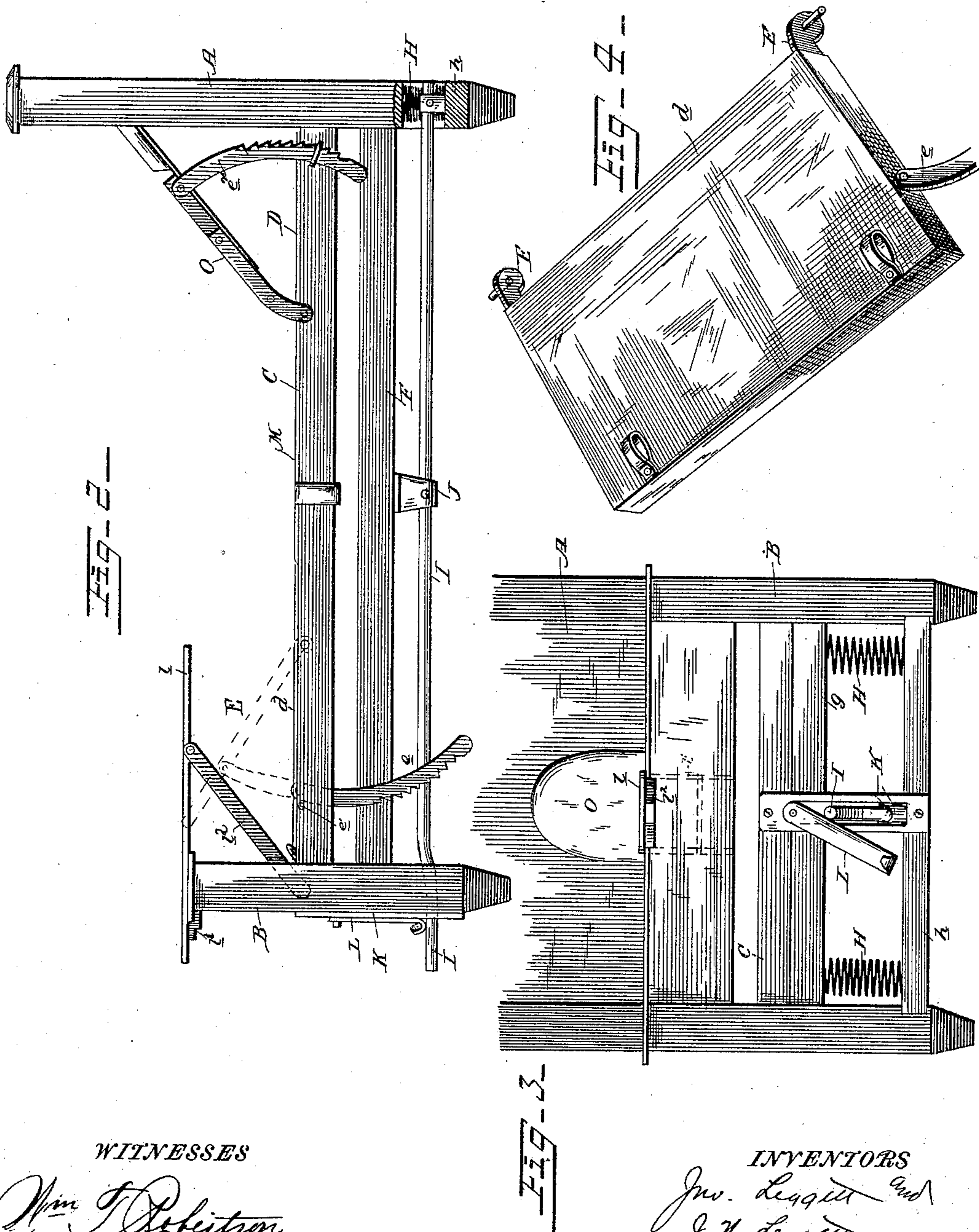
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UNITED STATES PATENT OFFICE.

JOHN LEGGETT AND JASPER N. LEGGETT, OF HAGERSTOWN, MARYLAND.

FAMILY OR INVALID BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 408,350, dated August 6, 1889.

Application filed March 27, 1889. Serial No. 304,926. (No model.)

To all whom it may concern:

Be it known that we, JOHN LEGGETT and JASPER N. LEGGETT, citizens of the United States, residing at Hagerstown, in the county of Washington and State of Maryland, have invented certain new and useful Improvements in Bedsteads; and we do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

Our invention relates to bedsteads, especially for the use of invalids.

The object of the invention is to provide a bedstead with convenient devices for allowing the patient to be attended to and to facilitate his treatment.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of our improved bed. Fig. 2 is a side view of the same. Fig. 3 is an end view of the same, and Fig. 4 is a detail view of the bottom pivoted frame or foot-rest.

A indicates the head-board, B the foot-board, and C C the rails, of a bedstead. These parts may be of any preferred construction.

D represents a sheet secured to the head and foot boards and the side rails, as shown. This sheet is made shorter than the length of the bed, and an extra foot portion *d* is arranged at the bottom of the sheet D and pivots E, for a purpose hereinafter explained.

F represents a frame, consisting of side pieces *f* and cross-pieces *g*, and adapted to support the mattress. Under each of the four corners of the frame F is arranged a strong spiral spring H, the lower ends of which are secured to the lower cross-bars *h* of the head and foot boards, while the upper ends are secured to the frame F.

I represents a lever fulcrumed to the lower bar *h* of the head-board and passing through a guide J, secured below the frame F. The free end of the lever I projects through a slotted guard K, secured centrally to the foot-board B, and said rod is adapted to be engaged by a catch L, pivoted upon the guard K.

It will be apparent that the frame F will be normally held up with the mattress carried thereby in such position as to support the sheet D by the tension of the springs, and that by depressing the lever I and securing it the frame is lowered to allow a chamber or bed-pan to be placed above the mattress and under the opening in the sheet D. The opening is covered by a movable strip M.

The frame or foot-rest *d* is attached to the side rails C C by the pivots, and is provided with segmental racks *e*, which pass through slotted guides *e'* in the side rails and are adapted to engage therewith, as shown. Thus it will be seen that the foot portion or foot-rest of the bed may be readily raised and lowered and secured at any preferred adjustment.

A table attachment is employed, which consists of a table *l*, a slotted securing-bracket *l'*, engaging the top slab of the foot-board, and folding legs or braces *l''*, and is adapted to be used as shown in Fig. 1. A suitable folding shoulder and head-rest is employed, as also seen in Fig. 1, the frame O of which is pivoted to the side rails, as shown, and is adjusted by segmental racks *e''*, passing through slotted guides *e'''*.

It will be apparent that our improvement provides convenient means for attending to the necessities of an invalid without lifting or annoying him. Moreover, if desirable, the movable frame may be lowered to give air from beneath or to allow the patient to be conveniently treated. The elevating of the foot-rest is also an important feature of the invention, as it greatly facilitates the treatment of various diseases.

We claim as our invention—

1. A bedstead and a sheet supported thereby, in combination with a mattress-carrying frame adjustable vertically on said bedstead beneath said sheet, springs on which said mattress-carrying frame is supported, said springs normally holding said mattress in its uppermost position, and a lever for depressing said mattress-carrying frame, substantially as set forth.

2. A bedstead and a sheet supported thereby, in combination with a mattress-carrying frame adjustable vertically on said bedstead

beneath said sheet, springs on which said mattress-carrying frame is supported, said springs normally holding said mattress in its uppermost position, a lever for depressing said
5 mattress-carrying frame, and a locking-catch co-operating with said lever to hold said mattress-carrying frame in its lowermost position, substantially as set forth.

In testimony whereof we affix our signatures in presence of two witnesses.

JOHN LEGGETT.
JASPER N. LEGGETT.

Witnesses:

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