

No. 667,260.

Patented Feb. 5, 1901.

E. F. STETSON.
FOOT REST FOR INVALID BEDS.

(Application filed June 30, 1900.)

(No Model.)

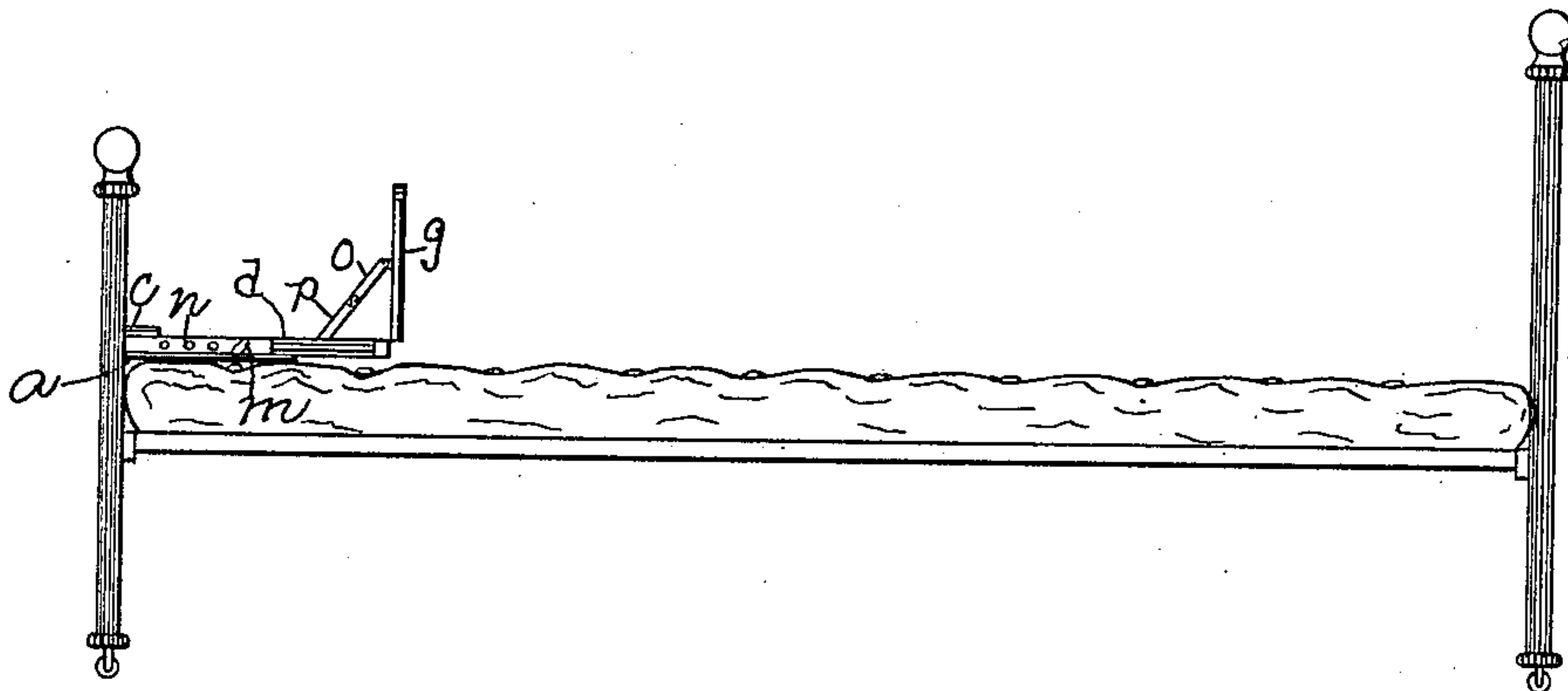


Fig. 1.

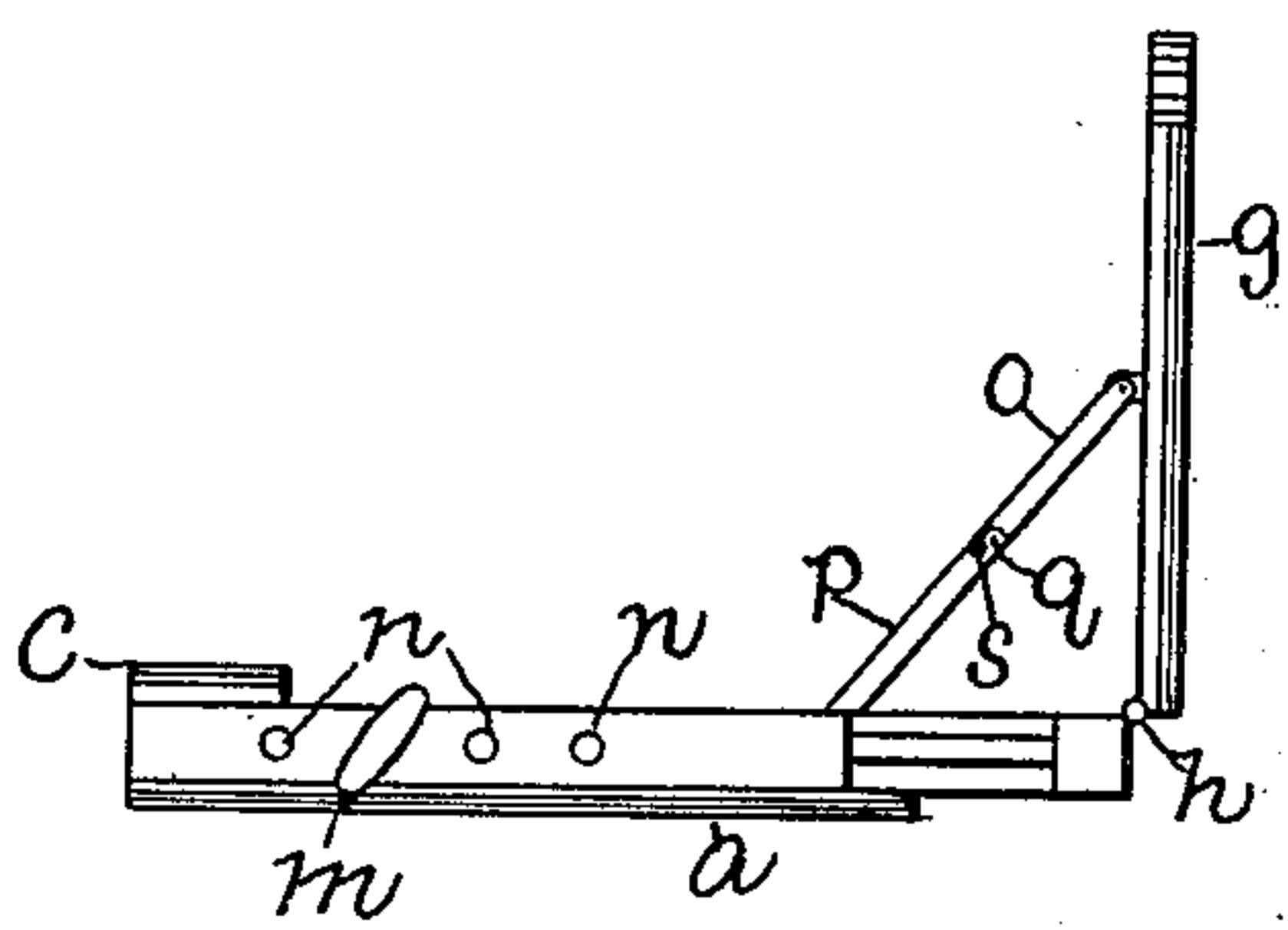


Fig. 3.

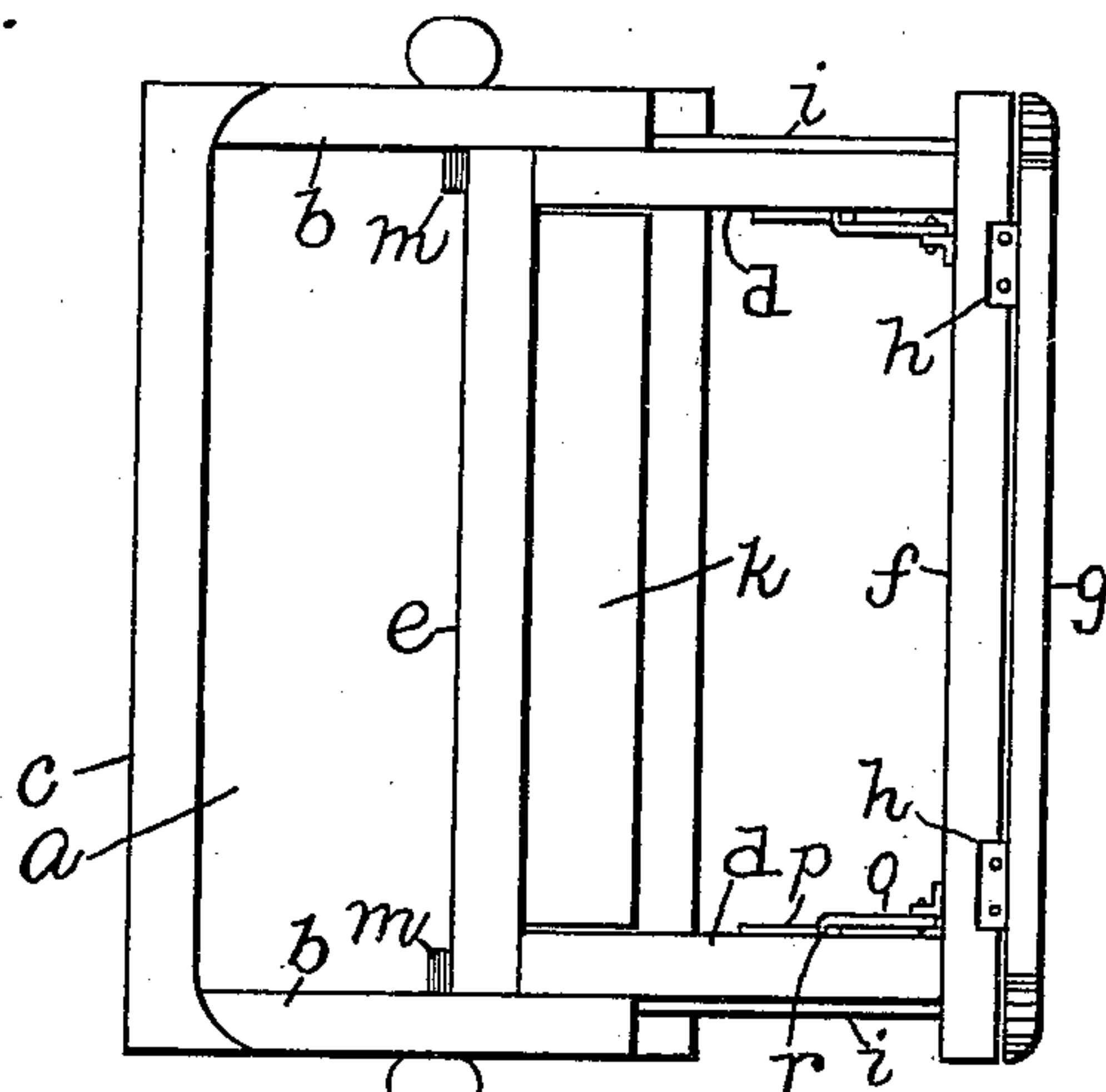


Fig. 2.

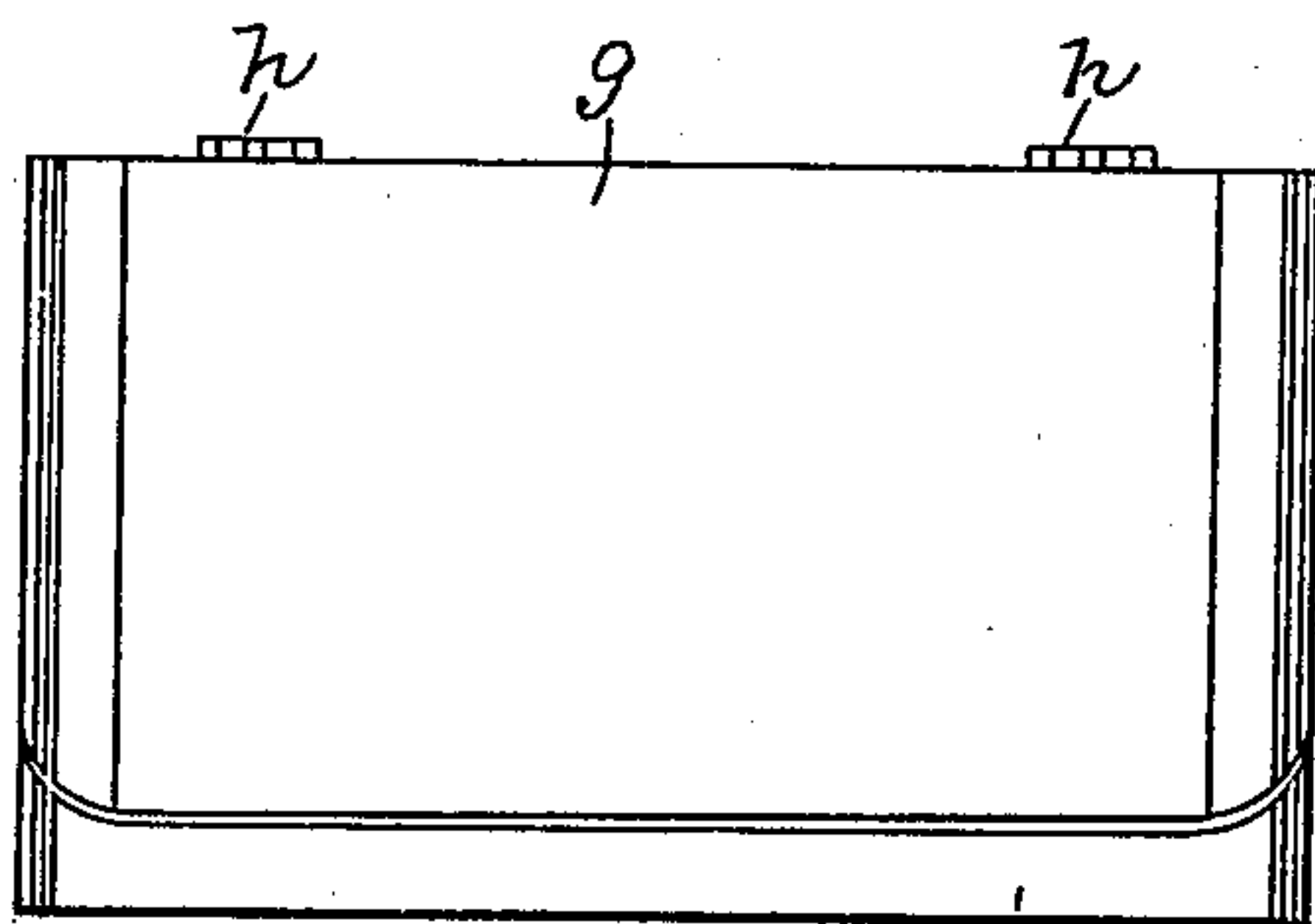


Fig. 4.



Fig. 5.

Witnesses.

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UNITED STATES PATENT OFFICE.

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FOOT-REST FOR INVALID-BEDS.

SPECIFICATION forming part of Letters Patent No. 667,260, dated February 5, 1901.

Application filed June 30, 1900. Serial No. 22,164. (No model.)

To all whom it may concern:

Be it known that I, ELLEN F. STETSON, a citizen of the United States, residing in Boston, in the county of Suffolk and State of Massachusetts, have invented an Improvement in Foot-Rests for Invalid-Beds, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like

parts.
This invention relates to a foot-rest designed to be used on beds of ordinary construction, so that when said beds are used as sick-beds a brace or support is provided for the feet of the invalid to prevent slipping down in the bed. For this purpose I employ a foot-rest composed, essentially, of two members, one of which is designed to bear against the footboard of the bed and may be designated the "stationary" member, and the other of which is movable with relation to the stationary member and is adapted to be locked in different positions, so as to enable the foot-rest to be used by persons of different lengths. The movable member is composed of two parts, one of which is hinged or pivoted to the other and is adapted to occupy an upright position when in use and to be folded or turned down into a substantially horizontal position when not in use, whereby the foot-rest may be rendered small or compact and capable of being stored in a small space when not in use. These and other features of this invention will be pointed out in the claims at the end of this specification.

Figure 1 is a side elevation of a bed provided with a foot-rest embodying this invention; Fig. 2, a plan view, on an enlarged scale, of the foot-rest shown in Fig. 1; Fig. 3, a side elevation of the foot-rest; Fig. 4, a plan view of the foot-rest in its closed position, and Fig. 5 a side elevation of the foot-rest shown in Fig. 4.

The foot-rest herein shown as embodying this invention comprises, essentially, a stationary and a movable member. The stationary member may be made as herein shown and comprises a bottom piece *a*, side pieces *b*, and a back piece *c*, which may be of wood or other suitable material. The movable mem-

ber may be made as herein shown and comprises two parts, one of which is made as an open frame having side bars *d* and end bars *e f*, and the other part is made as a single piece *g*, secured, as by hinges *h*, to the end bar *f*, so as to enable it to be turned into an upright position, as shown in Figs. 1 and 3, or to be turned down into a substantially horizontal position, as shown in Figs. 4 and 5. The side bars *d* are provided, as shown, with tongues *i*, which fit into suitable grooves on the inner side of the side bars *b*, so that the movable member may be inserted into or drawn out from the stationary member.

The movable member of the foot-rest is designed to be adjusted with relation to the stationary member and to be locked in its various positions, so as to accommodate the foot-rest to the length of the patient, and this result may be accomplished as herein shown.

The extreme forward movement of the movable member may be limited by a stop, shown as a bar or raised portion *k* on the bottom *a* of the stationary member, with which the end bar *e* engages, as shown in Fig. 2, and the movable member may be locked in this position by suitable pins *m*, inserted through suitable holes *n* in the side bars *b* of the stationary member. The locking-pins *m* project behind the end bar *e* when the movable member is in its outermost position, and when the said member is in an intermediate position, as shown in Fig. 3, the pins *m* extend into another pair of the holes *n*.

The footboard *g* may be held in its upright position by brace-bars *o p*, pivoted, respectively, to the said footboard and the side bars *d*, and pivoted to each other, as at *q*, the bar *o* having a finger *r*, which enters a suitable slot *s* in the bar *p*; but instead of the particular means shown for holding the footboard in its upright position I may employ any other suitable means.

When in use, the footboard *g* affords a firm bearing or support for the feet of the invalid to press against and prevent the invalid from slipping down in the bed, and when not in use the movable member can be pushed into its closed position and the footboard turned down in the position shown in Figs. 4 and 5, and

when in this position the foot-rest occupies but a small space and is in convenient form for storing or shipping.

I claim—

5 1. In a foot-rest for invalid-beds, the combination with a stationary member adapted to rest on the bed and bear against the foot-
board thereof, of a movable member comprising two parts, one of which is movable on the
10 stationary member, and the other of which is pivoted to the first part and adapted to be turned into a substantially vertical position, means to secure the pivoted part in its vertical
15 position against pressure directed toward the rear of the stationary member, and means to lock the movable member in its adjusted position, substantially as described.

2. In a foot-rest for invalid-beds, the combination with a stationary member adapted
20 to rest on the bed and bear against the footboard thereof, of a movable member comprising a frame attached to the stationary member to slide thereon, and a footboard pivoted to said frame to normally occupy a position
25 parallel with said frame and adapted to be turned into a position substantially at right angles to its normal position, and means to lock said footboard in its elevated position against pressure directed toward the rear of
30 the stationary member, substantially as described.

3. In a foot-rest for invalid-beds, the combination with a stationary member adapted

to rest on the bed and bear against the foot-
board thereof, of a movable member comprising a frame attached to the stationary member to slide thereon, and a footboard pivoted
35 to said frame to normally occupy a position parallel with said frame and adapted to be turned into a position substantially at right
40 angles to its normal position, and means to lock said footboard in its elevated position against pressure directed toward the rear of the stationary member, and means to lock said
45 frame in its adjusted position on the stationary member, substantially as described.

4. In a foot-rest for invalid-beds, the combination with the member A provided with the bottom α and side bars and adapted to
50 rest on the bed and bear against the footboard thereof, of the movable member B comprising an open frame attached to the side bars of the stationary member to slide thereon, and a footboard pivoted to the said open
55 frame, means to secure said footboard in its vertical position against pressure directed toward the rear of the member A, and means to lock the movable member to said stationary member, substantially as described.

In testimony whereof I have signed my
60 name to this specification in the presence of two subscribing witnesses.

ELLEN F. STETSON.

Witnesses:

JAS. H. CHURCHILL,
CHAS. R. LAMB.