

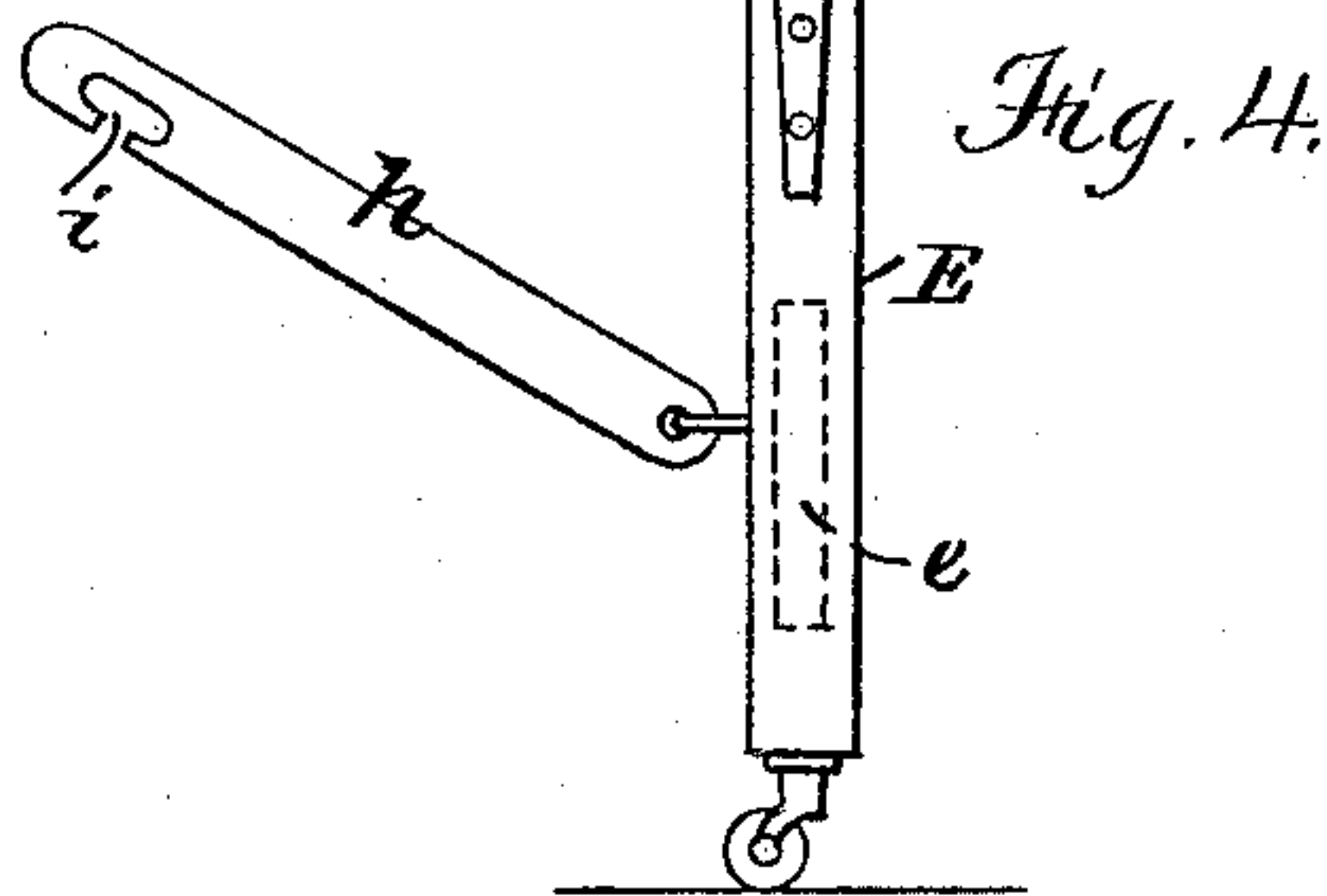
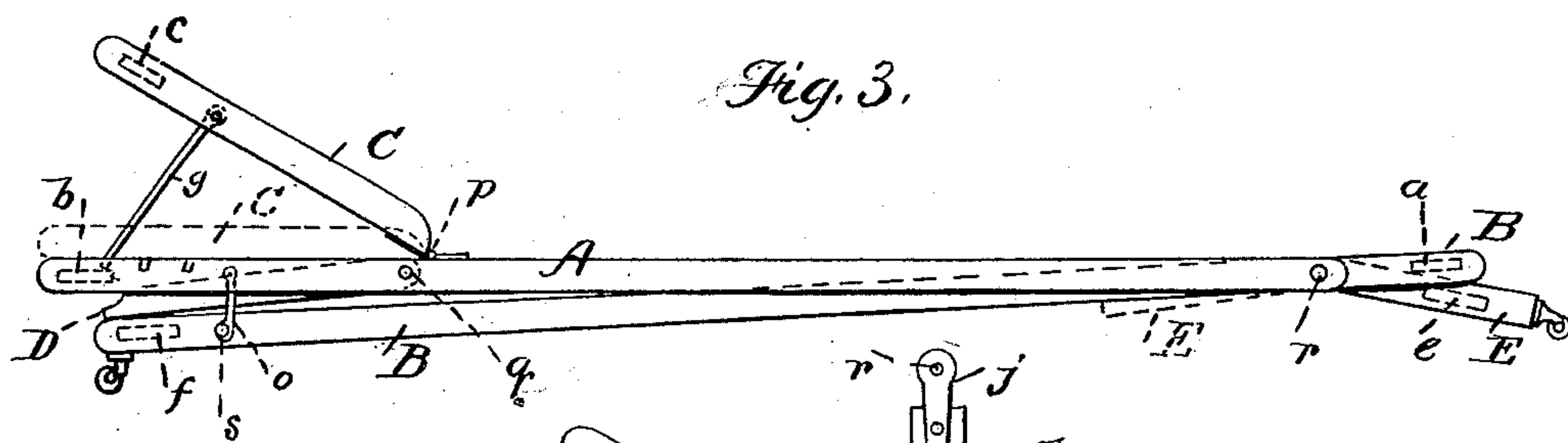
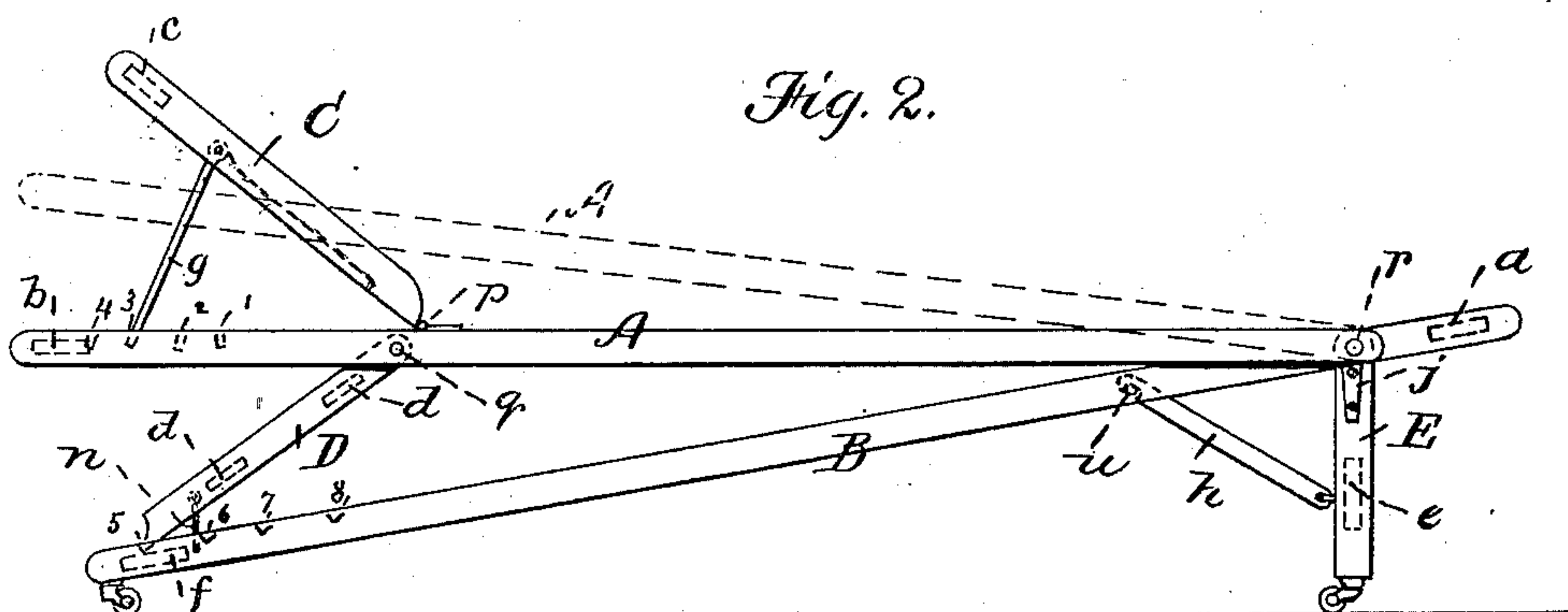
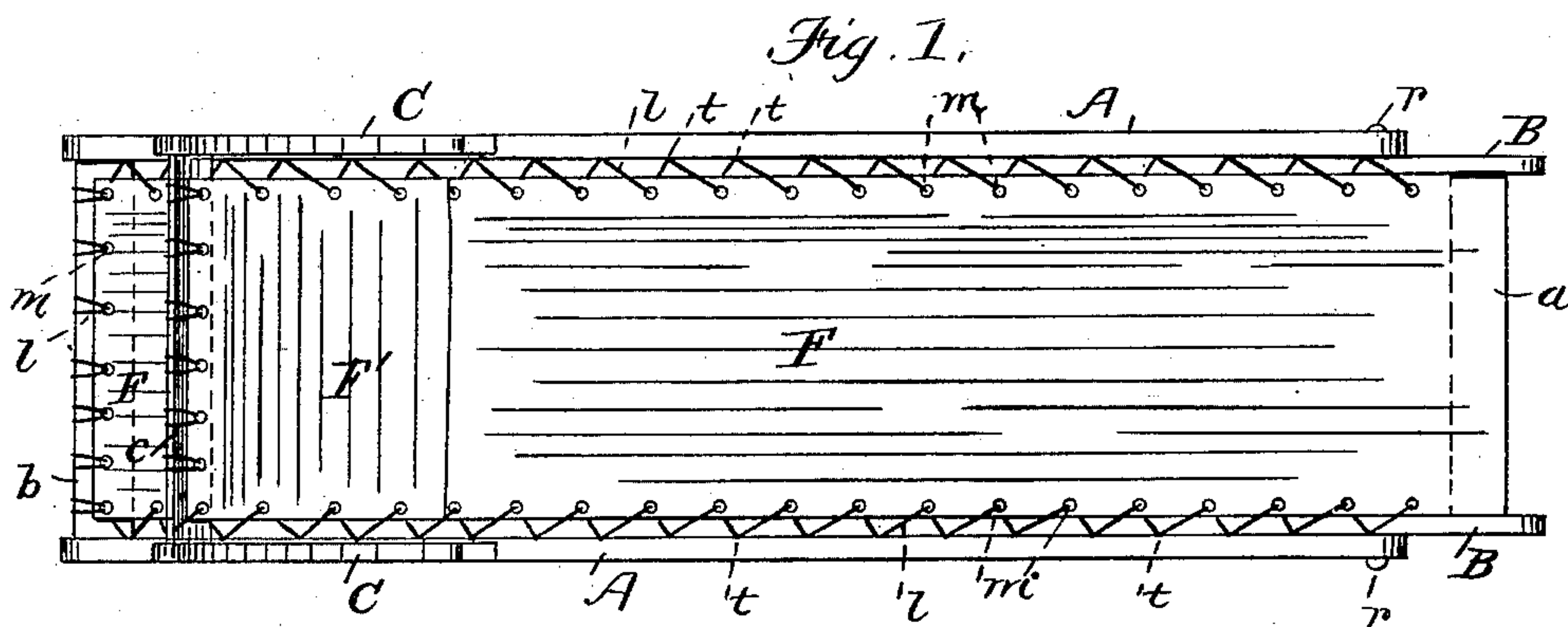
(No Model.)

R. T. WHITE.

ADJUSTABLE COT BED AND STRETCHER.

No. 245,902.

Patented Aug. 16, 1881.



Witnesses.

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Inventor.

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UNITED STATES PATENT OFFICE.

REYNOLDS T. WHITE, OF BOSTON, MASSACHUSETTS.

ADJUSTABLE COT-BED AND STRETCHER.

SPECIFICATION forming part of Letters Patent No. 245,902, dated August 16, 1881.

Application filed June 6, 1881. (No model.)

To all whom it may concern:

Be it known that I, REYNOLDS T. WHITE, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Adjustable Cot-Bed and Stretcher, of which the following is a specification.

The object of my invention is to produce a folding adjustable cot, particularly adapted as a bedstead for hospital use, and which may also be used as a stretcher.

The invention consists of two main longitudinal frames pivoted together at or near their forward or foot ends, where they are supported upon folding legs, and the rear end of the upper or outer frame being supported upon the lower or inner frame by means of an adjustable brace, whereby the upper portion or body of the cot may be arranged at any desired inclination from the head to the foot. To the rear end of the upper frame is also pivoted an adjustable head-rest. The upper frame or body of the cot is provided with a canvas sacking, which is secured to the sides of the frame by means of a cord or rope passing through grommets or eyelets attached to the canvas and staples or rings in the frame, whereby the canvas can be tightened whenever it becomes sagged from use.

Referring to the drawings, Fig. 1 is a plan or top view of a cot embodying my invention. Fig. 2 is a side elevation of the same when opened for use. Fig. 3 represents the same closed up and in form for a stretcher. Fig. 4 is a detail view of the connection of the front support and the frame.

A is the outer or main frame, consisting of two longitudinal bars connected together at the rear ends by a cross-bar, *b*, and pivoted at their forward or foot ends to the inner frame, B, as shown at *r r*, Figs. 1 and 2.

B is a frame similar to A, and designed to fold within the same, and extends a little beyond the frame A at the foot end, where the two bars are connected together by the cross-bar *a*.

To the inner frame, B, at the points *r r*, where it is connected to the frame A, is hung or pivoted by an iron strap, *j*, Fig. 4, the support E, consisting of two legs connected together by a cross-bar, *e*, and held in position, when open for use, by means of a hook or brace, *h*, having at the end connecting with the frame B a slot, *i*, provided with a narrow opening engaging with the pin *u* on frame B.

Near the rear or head end of the frame A is pivoted, on its inner sides, a brace, D, composed of two legs or supports connected together by cross-bars *d d*, the lower ends of the legs fitting in mortises 5 6, &c., in the frame B, whereby the body of the cot may be made level, or to assume any desired inclination longitudinally. The lower ends of the brace D are to be retained in connection with the lower frame, B, by means of hooks hung to said brace and engaging in holes in the frame B.

To the upper side of the frame A, near the rear end, is hinged a head-rest, C, made adjustable in inclination by means of metal bars or rods *g*, pivoted to the frame and sunk in recesses or grooves in the frame, as indicated by dotted lines, so that the sides or frame of the head-rest will be flush with the frame A when closed.

To the frame A and head-rest C is attached a canvas sacking, F F', by means of cords or ropes *l l* passing through grommets or eyelets *m* in the canvas and staples or rings in the frame A, so that the canvas may be readily attached to the frame, and when it becomes loosened or sags from use it may be readily tightened up, as required.

The cot may be mounted on casters, so as to be readily moved about on the floor.

When the article is to be used as a stretcher the frames are folded together and the forward legs or support E are extended outward in front, serving as handles for lifting and holding the stretcher, while the rear ends may be readily lifted and held by a person behind.

For hospital use the canvas may be provided with a convenient aperture to permit of evacuations, the hole to be properly covered, when not in use, by a flap underneath, secured in place by straps or otherwise.

What I claim as my invention is—

An adjustable folding cot and stretcher, consisting of the frames A B and adjustable head-rest C, provided with the sacking F F', the supporting-brace D, and supports E, all arranged substantially as set forth, and for the purposes described.

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

Witnesses:

REYNOLDS T. WHITE.

JOS. H. ADAMS,

B. O'HARA.