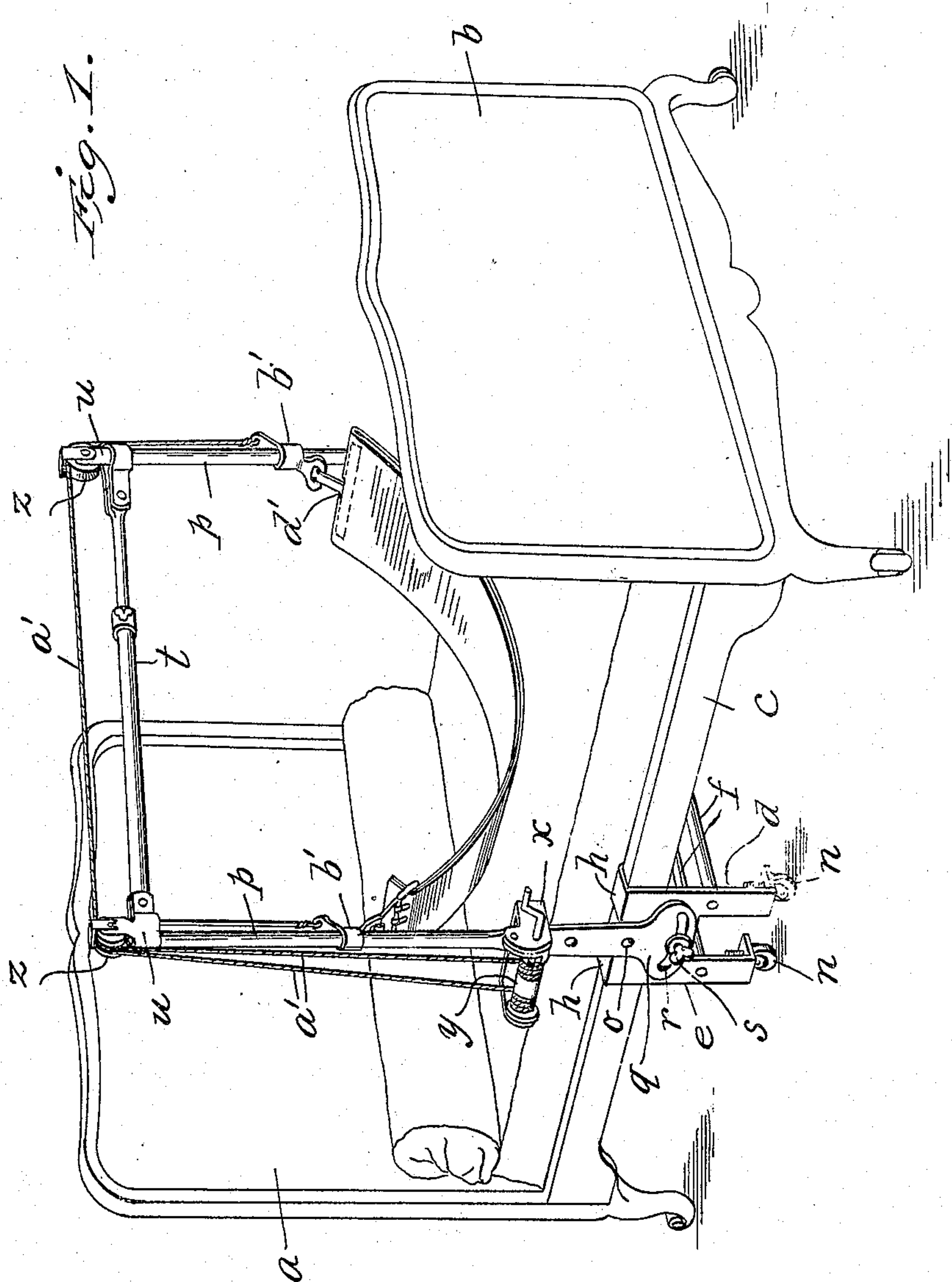


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ATTACHMENT FOR INVALID BEDSTEADS.  
APPLICATION FILED JAN. 27, 1909.

924,075.

Patented June 8, 1909.  
2 SHEETS—SHEET 1.



Witnesses:

*A. K. Bridges*  
*R. W. Bishop*

Inventor,

*John Johnson*  
*Davis & Davis*

By

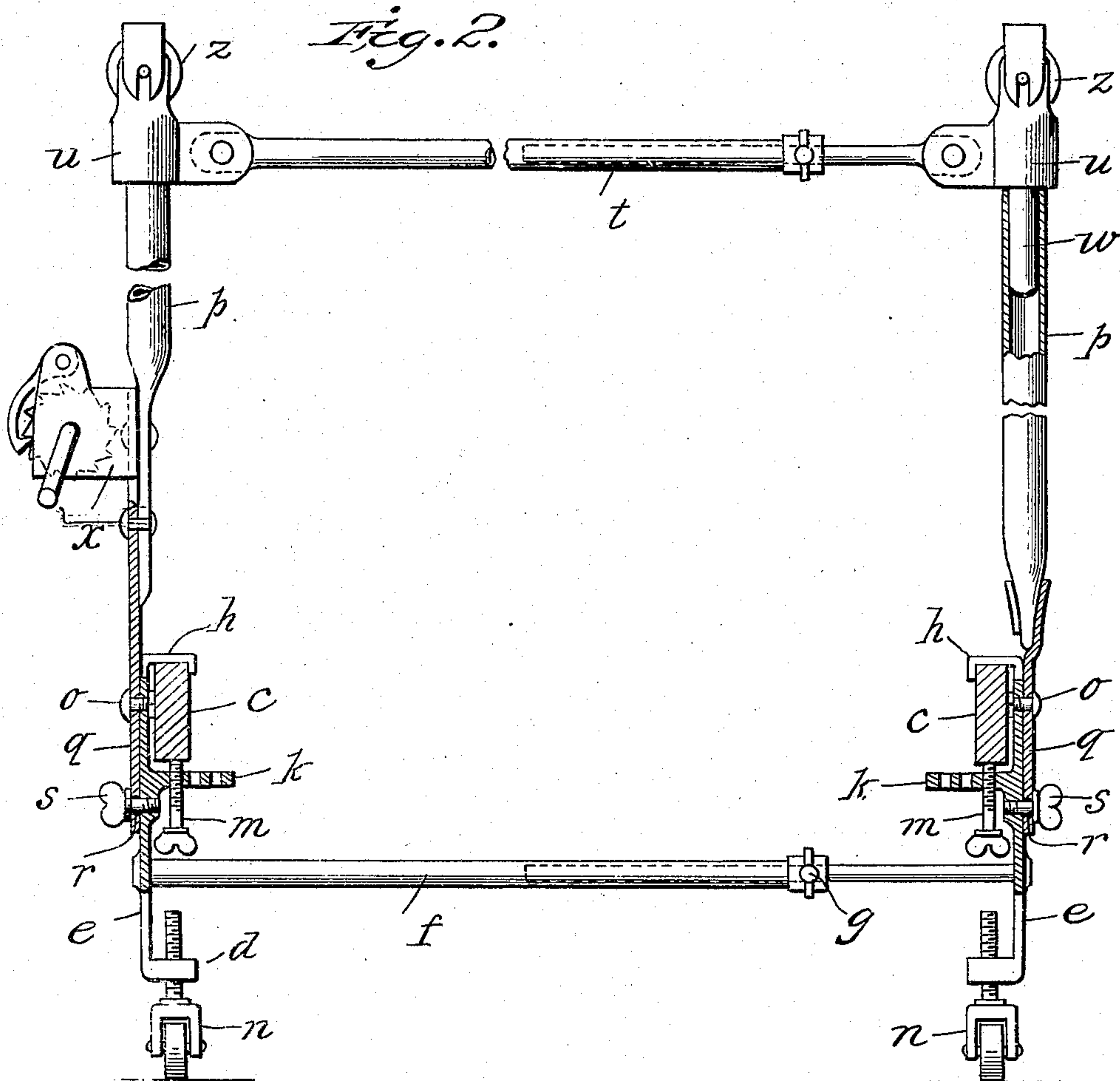
Attorneys.

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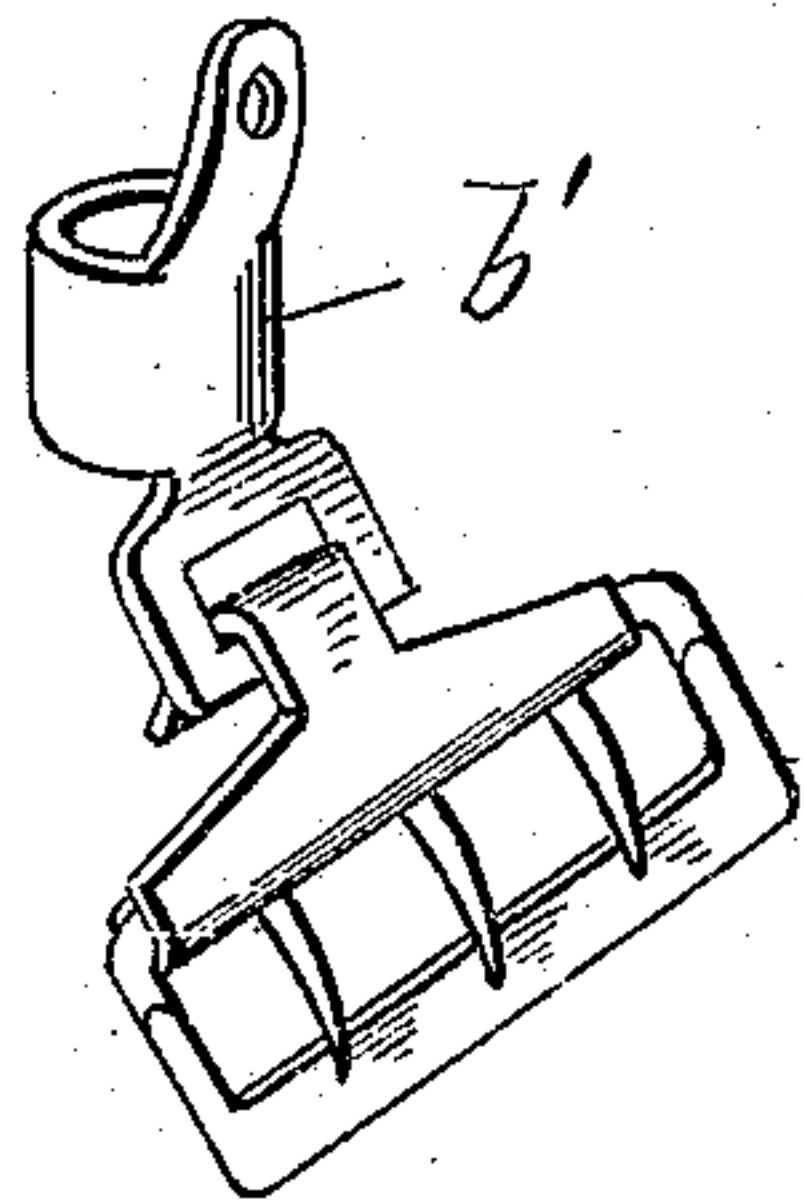
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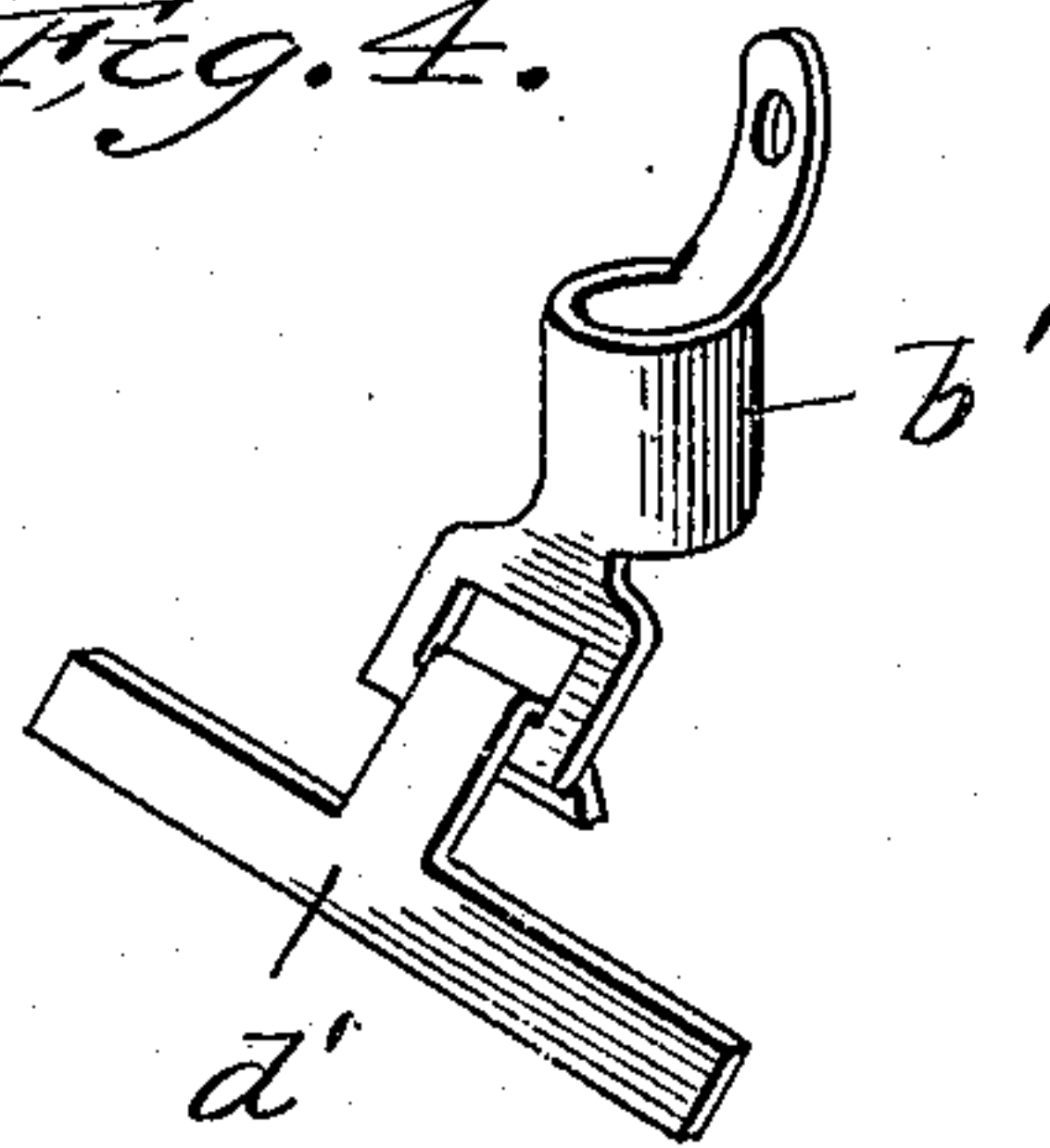
2 SHEETS—SHEET 2.



*Fig. 3.*



*Fig. 4.*



Witnesses:

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# UNITED STATES PATENT OFFICE.

JOHN JOHNSON, OF FREMONT, OHIO.

## ATTACHMENT FOR INVALID-BEDSTEADS.

No. 924,075.

Specification of Letters Patent.

Patented June 8, 1909.

Application filed January 27, 1909. Serial No. 474,444.

*To all whom it may concern:*

Be it known that I, JOHN JOHNSON, a citizen of the United States of America, and a resident of Fremont, county of Sandusky, State of Ohio, have invented certain new and useful Improvements in Attachments for Invalid-Bedsteads, of which the following is a full and clear specification.

The object of this invention is to provide an attachment for invalid-beds whereby the occupant of the bed can be supported in various positions; said attachment being vertically and horizontally adjustable to fit different sized beds and also having a radial adjustment, as more fully hereinafter set forth.

In the accompanying drawings, Figure 1 is a perspective view of my device attached to a bed; Fig. 2 is a cross section of a bed showing the attachment partly in elevation and partly in section; and, Figs. 3 and 4 are detail views.

Similar reference characters designate like parts throughout the several views.

The device is applicable to either metal or wooden beds and in the present instance is shown attached to a bed of ordinary construction embodying a head-board *a*, a foot-board *b*, and side-rails *c*. A carriage or base *d* is formed of sides *e* adjustably secured together by telescoping connecting rods *f* and held in their adjusted positions by set screws *g*. The sides *e* are formed at their upper edges with lips *h* adapted to engage the upper edges of the bed rails *c*, and projecting from their inner faces are lugs *k* through which pass clamping screws *m* to engage the lower edge of the rails *c*, whereby the carriage or base is secured to the bed. The carriage is mounted upon adjustable caster-wheels *n* whereby the carriage can be adjusted to beds of different heights. A sling-supporting frame is pivoted to the side pieces *e* at *o*, and consists preferably of tubular standards *p* secured in any suitable manner to segments *q* provided with segmental slots *r* which are engaged by screws or pins *s* secured in the sides *e*. This construction allows for a radial adjustment of the sling-frame. The sling-frame is braced and held rigid by the telescopic connection *t*, which is removably connected to the tops of the vertical tubular standards *p*, being provided with brackets *u* at each end having depending extensions *w* which fit into the tubular standards *p*. One of the segments *q* is

formed at its top edge into a bracket *x* in the ears of which is mounted a drum or windlass *y* provided with a ratchet and pawl connection, and in the brackets *u* are journaled pulleys *z* over which pass ropes *a'* to the drum or windlass *y*. At their other ends the ropes *a'* are connected to slides *b'* mounted upon the standards *p*, said slides being adapted to support the sling *c'*. One of the slides is preferably formed into a buckle and the other is formed with a slotted ear which is engaged by a hooked bar *d'* which, with the buckle at the other side, supports the sling *c'*. The sling is preferably formed of a double thickness of canvas or other suitable material, the hooked bar *d'* engaging the fold at one side and the buckle securing the ends at the other side.

The device can be set up away from the bed, then wheeled into position and adjusted to height and width, and then secured to the bedstead by the clamping screws *m*. Should it be necessary at any time to change the position of the attachment, it can be moved from one end of the bed to the other after releasing the clamping screws. After it has been used the device need not be detached from the bed as the sling and its supporting frame can be adjusted radially forwardly or backwardly out of the way.

It is obvious that the sling *c'* can be elevated or lowered as desired and can be held in its adjusted position. This is desirable in supporting different portions of the body of the invalid. It will be observed also that the radial adjustment can be utilized to secure additional supporting positions. It will also be observed that the supported weight is divided between the bed rails and the floor thereby diminishing the liability of collapse of the attachment.

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

1. A device of the class set forth, embodying a base composed of two side-frames each carrying means for clamping it to the side-rail of the bed, and an adjustable floor-engaging supporting member, extensible bracing means connecting these side-frames underneath the bed, a sling-frame mounted pivotally on said side-frames so as to swing backwardly and forwardly, means for locking this sling-frame in its adjusted positions, a sling carried by said sling-frame, means carried by the frame for raising and lowering the sling,

and an extensible bracing device forming the upper bar of said sling-frame.

2. In combination, a pair of side-frames each carrying means for clamping it to a side-  
5 bed-rail and with adjustable floor-engaging means, a standard pivoted on each side-frame to swing backwardly and forwardly and means for locking the standard in its adjusted positions, an extensible bar connecting  
10 the upper ends of the standards, and an ad-

justable sling swung between the standards, for the purposes set forth.

In testimony whereof I hereunto affix my signature in the presence of two witnesses this 25th day of January 1909.

JOHN JOHNSON.

Witnesses:

JOSEPH T. SCHWARTZ,  
JOSEPH SCHWARTZ.