

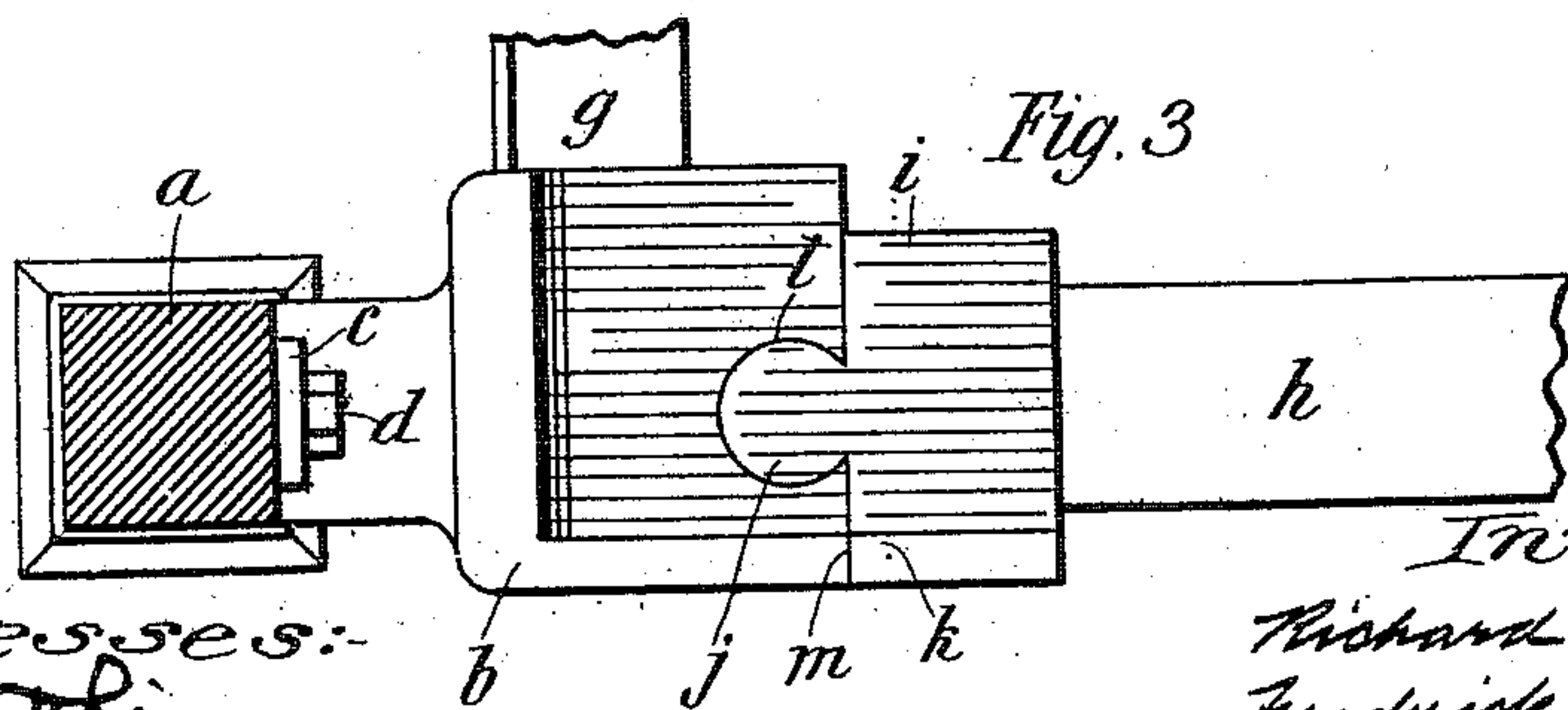
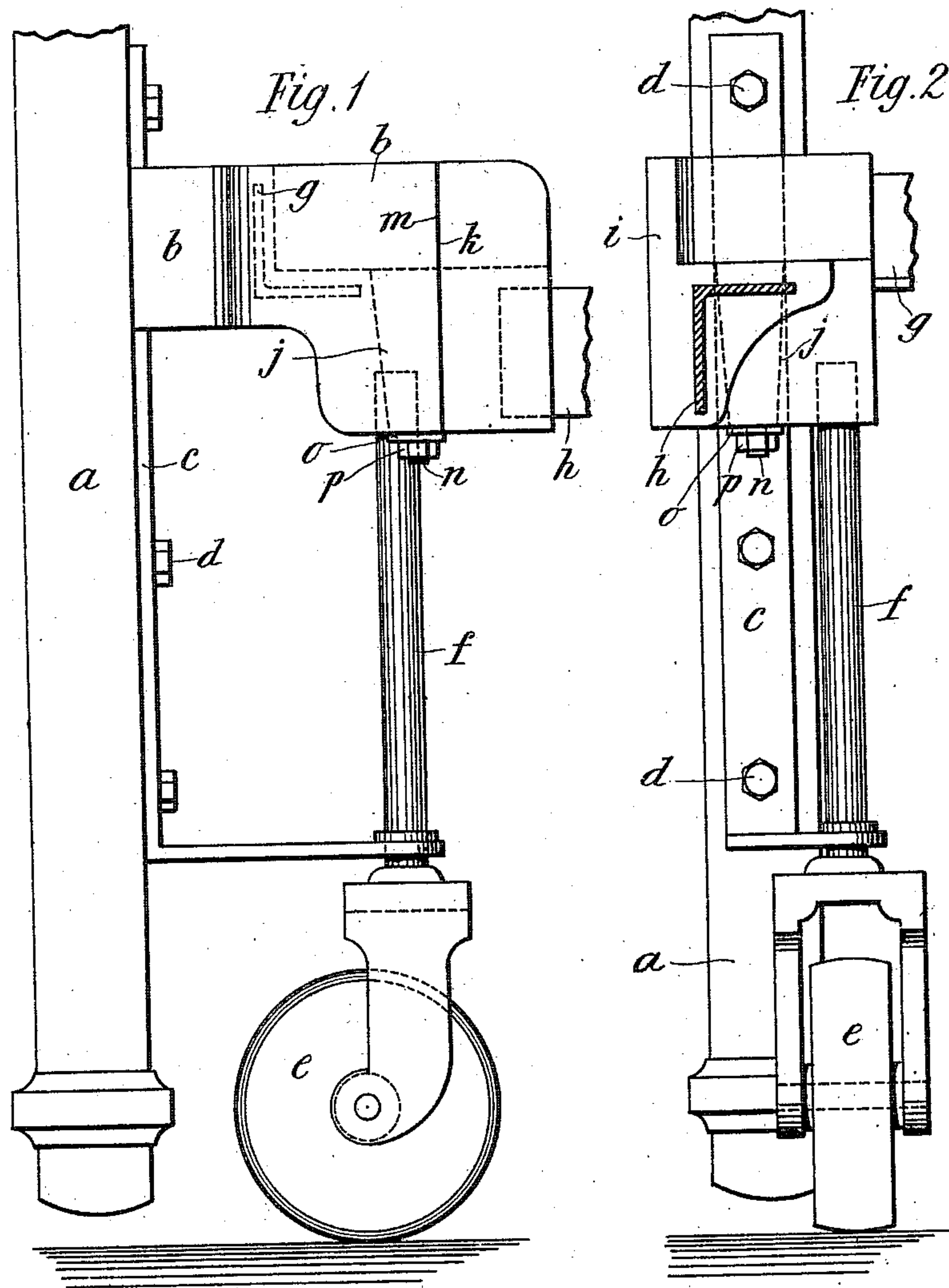
R. & F. CANE.
BEDSTEAD.

APPLICATION FILED JUNE 7, 1909.

Patented Jan. 31, 1911.

2 SHEETS-SHEET 1.

982,934.



Witnesses:
Harry Thorne
J. George Barry

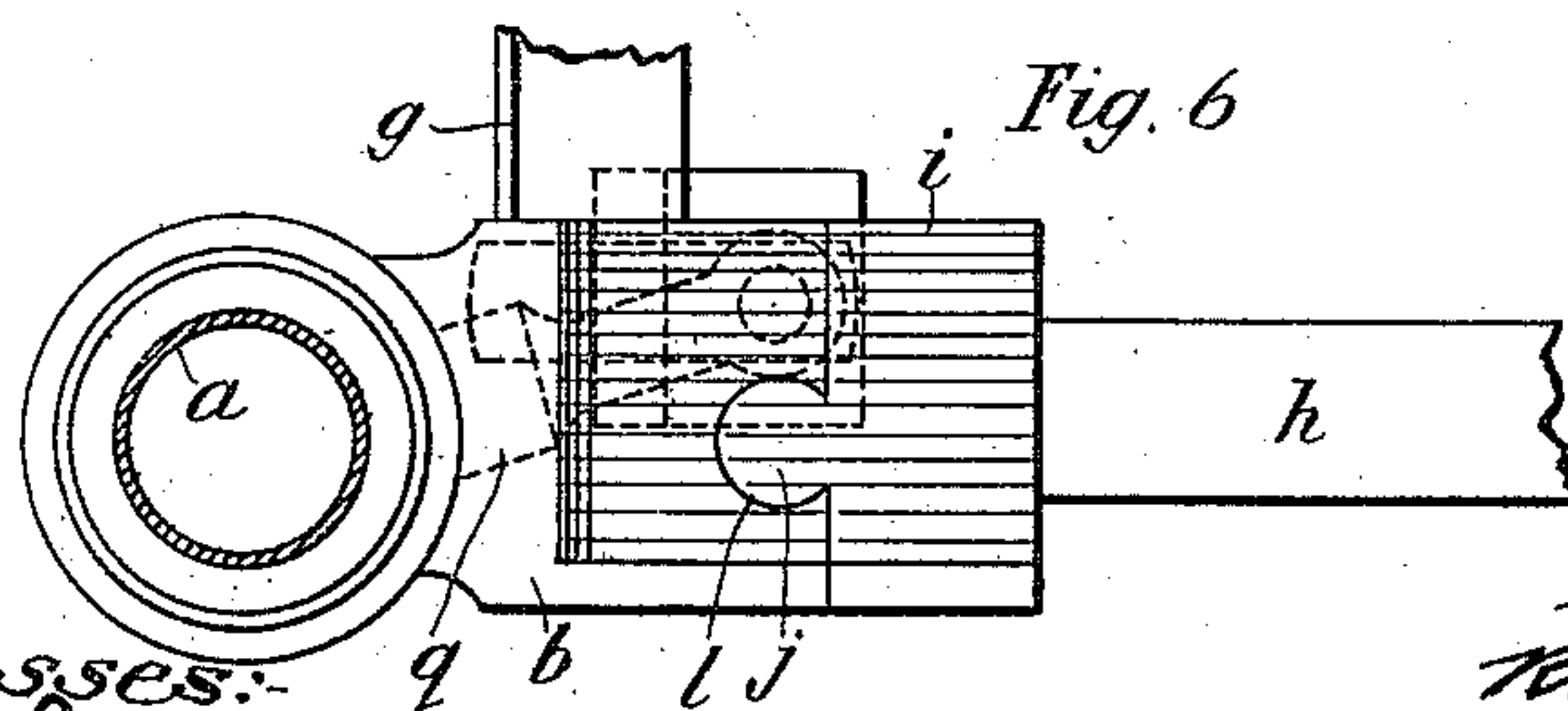
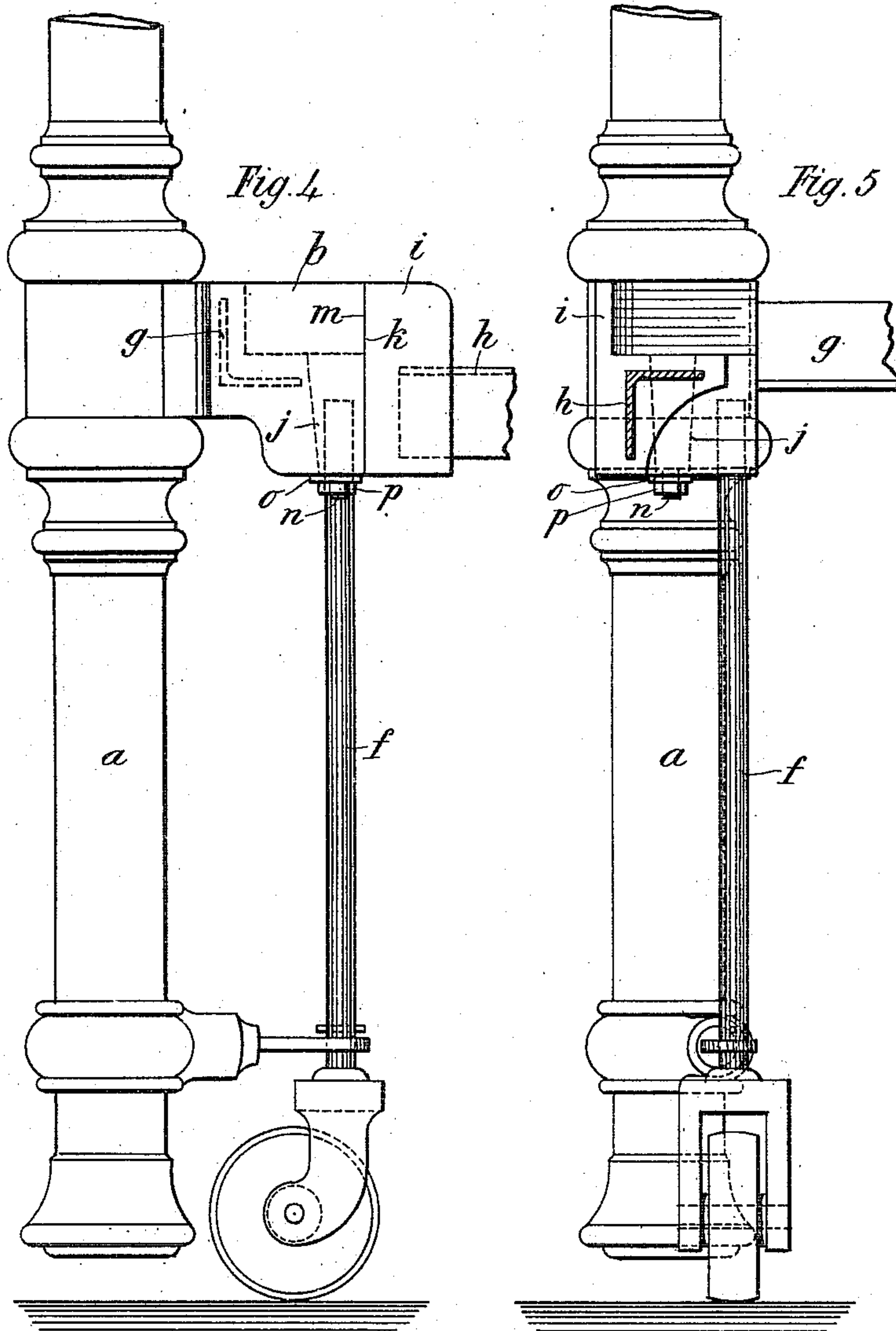
Inventors:
Richard Cane and
Frederick Cane
by their attorneys
Brown & Seward

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UNITED STATES PATENT OFFICE.

RICHARD CANE AND FREDERICK CANE, OF LONDON, ENGLAND.

BEDSTEAD.

982,934.

Specification of Letters Patent.

Patented Jan. 31, 1911.

Application filed June 7, 1909. Serial No. 500,643.

To all whom it may concern:

Be it known that we, RICHARD CANE and FREDERICK CANE, subjects of the King of Great Britain, and residents of 2 Bridge road, South Hampstead, London, England, manufacturer, and 51 Parkhill road, Hampstead, London, England, manufacturer, respectively, have invented new and useful Improvements in Bedsteads, of which the following is a specification.

The present invention relates to the framing employed for supporting the mattress and holding together the head and foot ends of either metal or wooden bedsteads, and has for its object the construction of the said frame in a novel manner which enables large auxiliary casters to be employed; the frame also by its special construction insures absolute rigidity of the bedstead and provides an arrangement whereby the mattress frame is supported and held securely in its correct position.

In the accompanying drawings we have shown a portion of a bedstead illustrating our invention.

Figures 1, 2 and 3 show, in side elevation, in front elevation and in plan view, a portion of a bedstead illustrating the application of our invention to a metal bedstead having square bedposts, this same fitting may be employed for attachments to bedsteads in which the head and foot ends are constructed of wood. Figs. 4, 5 and 6 are similar views of a slight modification of the above showing the method employed in the case of metal bedsteads having round bed posts.

a is a pillar of the bed, say one of the head pillars.

b is a corner bracket or chill. Referring to Figs. 1, 2 and 3, the chill *b* is fastened to the pillar *a* by means of a plate *c* which is cast in or otherwise secured to the chill and fastened to the pillar preferably by screws *d* as shown. The lower end of the plate *c* is turned at right angles with the object of providing a bracket for the caster *e* which is carried by a spindle *f* passed through the bracket and stepped in to the underside of the chill *b*.

In the modification shown in Figs. 4, 5 and 6 the chills *b* are cast on to the pillars *a* and the spindle *f* is steadied at the lower part just above the caster by means of a

strut *g* also attached by casting to the pillar *a*.

The pair of chills *b* at the head end of bedstead have cast into them the ends of the head angle iron *g* and similarly the pair of chills at the foot end.

The side angle irons *h* have their ends cast into separate chills *i* provided with a cone *j* and flange *k*. The cone *j* is formed to engage or interlock with the conical socket *l* made in the chill *b* (see Figs. 3 and 6) and the edge of the flange *k* abuts against the edge of the flange *m* wherewith the chill *b* is provided. This materially increases the rigidity of the joint. The plain surface of the chills within the flanges *k* and *m* forms a support for the frame of the mattress which is retained from lateral or longitudinal movement by the flanges aforesaid.

To secure the cone *j* in its socket there may be provided if desired a bolt *n* passing through the same in a downward direction and carrying a washer and nut *o*, *p* below the chill and engaging with the underside thereof.

The cone and socket connection is similar to the device commonly employed for fitting the ends of bedsteads together, but in the present case the additional flanges give much greater stability, which is essential for holding bedstead ends rigidly together. The socket connection also furnishes on its lower surface a socket for the reception of the head of the caster spindle.

What we claim as our invention and desire to secure by Letters Patent is:—

1. In a bedstead provided with a bedstead pillar and bedstead rail, the one furnished with a socket chill and the other with a cone chill arranged to interlock one with the other the combination with said chills of upwardly extending abutting flanges carried by the chills which flanges have a double function of stiffening the joint and holding the mattress in position.

2. In a bedstead provided with a bedstead pillar and bedstead rail, the one furnished with a socket chill and the other with a cone chill arranged to interlock one with the other, upwardly extending abutting flanges carried by the chills and having the double function of stiffening the joint and holding the mattress in position, the socket chill being provided with a socket on its under side

for the reception of a spindle, a caster and its spindle, the upper end of the caster spindle being adapted to seat in the said socket chill and a strut connecting the lower
5 part of the caster spindle with the bedstead pillar for steadying it.

In testimony that we claim the foregoing as our invention, we have signed our names

in presence of two witnesses this 28th day of May, 1909.

RICHARD CANE.
FREDERICK CANE.

Witnesses:

ALFRED S. BISHOP,
LEONARD W. POWELL.