

(No Model.)

J. GRIBBEN.
BEDSTEAD BRACE.

No. 481,628.

Patented Aug. 30, 1892.

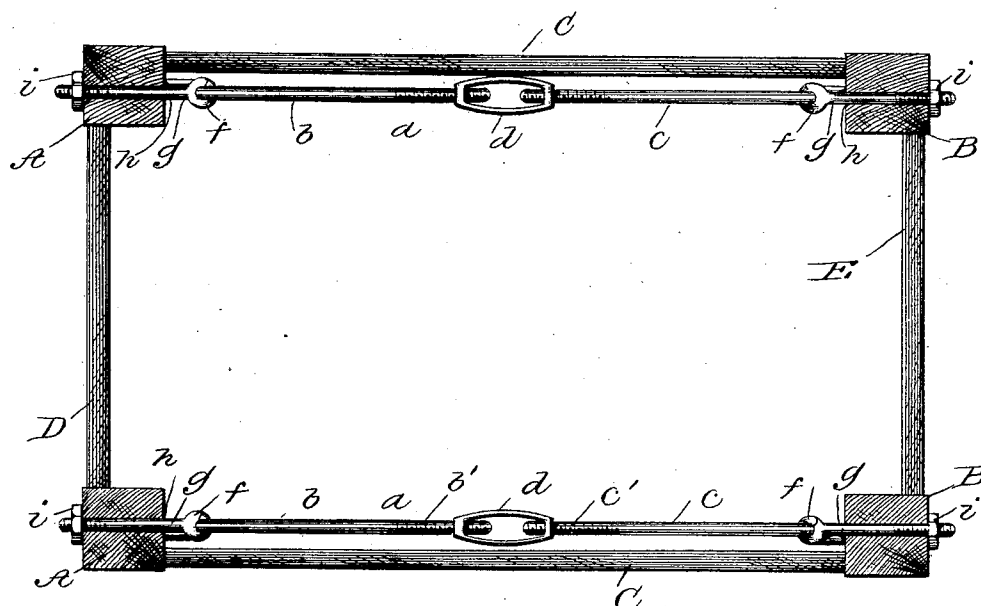


Fig. 1.

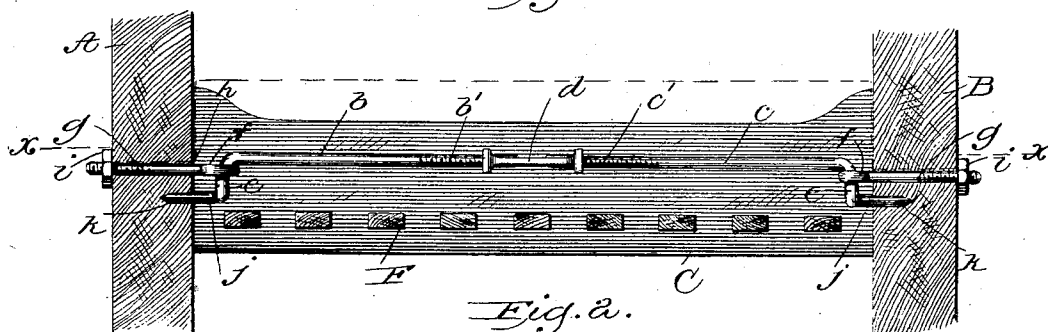


Fig. 2.

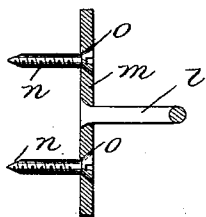


Fig. 3.

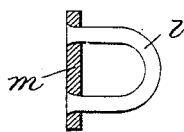


Fig. 4.

Witnesses:

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UNITED STATES PATENT OFFICE.

JOHN GRIBBEN, OF PITTSBURG, PENNSYLVANIA.

BEDSTEAD-BRACE.

SPECIFICATION forming part of Letters Patent No. 481,628, dated August 30, 1892.

Application filed January 19, 1892. Serial No. 418,565. (No model.)

To all whom it may concern:

Be it known that I, JOHN GRIBBEN, a citizen of the United States, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Bedstead-Braces; and I do hereby 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.

My invention relates to an improvement in bedsteads, its object being to strengthen the parts and to hold them together in such rigid manner as to prevent looseness and incident friction and rattling thereof.

My invention consists in a special construction and arrangement of devices for strengthening bedsteads, to be hereinafter described, and then particularly pointed out in the claims.

In order that my invention may be fully understood, I will now proceed to describe the same with reference to the accompanying drawings, in which—

Figure 1 is a horizontal section of my improved bedstead on line *x x*, Fig. 2. Fig. 2 is a vertical section showing the slats. Figs. 3 and 4 are respectively vertical and transverse sections of a modified form of keeper.

A and B represent the corner-posts of the head and foot of the bed, respectively, and C represents the side rails.

D and E represent the head and foot boards, respectively.

F are the slats, they being shown only in Fig. 2 in order to disclose the relative position of the straining or tie rods thereto.

a a are the straining or tie rods arranged above the slats F and connecting the opposite corner-posts of the bedstead. These straining or tie rods are each composed of two members *b c*, rendered adjustable to and from each other by means of turnbuckles *d*, into which the screw-threaded inner ends *b' c'* of said members are inserted or screwed.

Each member of the straining or tie rods is provided at its outer end with a hook *e*, which hooks, when the straining or tie rods are in use, pass downwardly through keepers (shown in Figs. 1 and 2 in the form of eyebolts) having eyes *f* and stems or bodies *g*. These eyebolts

pass through transverse holes or perforations *h* in the corner-posts, and their stems are screw-threaded at their outer ends to receive tightening-nuts *i*.

By means of the described devices it will be perceived that the straining or tie rods may be tightened up, so as to bind all the parts rigidly and firmly to the corner-posts, and as they are the stronger parts of the bedstead they can stand considerable strain.

It is the intention to first fully tighten the rods by means of the turnbuckles *d* when the bedstead has been put together, and afterward when the bedstead is in use, should any slight additional tension on the rods be necessary, the nuts *i* are turned, the vertical portions of the rods yielding sufficiently to effect this end.

To prevent the rotation of the rods in the slightest degree, the ends of the hooks *e* are provided with laterally-projecting locking-pins *j*, arranged parallel with the rods and projecting into recesses *k* in the corner-posts.

Figs. 3 and 4 show a modification of the keeper for the hooks *e*. *l* is a staple-eye that projects from a base-plate *m*. *n* are screws which pass through holes *o* in the base-plate and secure the same to the corner-posts. The eyes *l* receive the hooks *e* in the same way as the eyes *f*.

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

1. In a bedstead-brace, the combination, with the corner-posts, of longitudinal tie-rods, each comprising two sections provided at their opposing ends, respectively, with right and left hand screw-threads and having their distal ends bent downwardly and forwardly, the latter portion being received by a recess in the posts, turnbuckles connecting the threaded ends of said sections, and keepers secured to the bed-posts and engaging the vertical portions of the tie-rod sections, substantially as and for the purpose set forth.

2. In a bedstead-brace, the combination, with the corner-posts, of the tie-rods, each comprising two sections screw-threaded at their opposing ends and bent at their distal ends, as shown, said ends entering recesses in the posts of the respective sides of the bed-

stead, the turnbuckles connecting the thread-
ed ends of the tie-rod sections, the eyebolts
connected with the tie-rods and passing
through the posts, and the nuts disposed on
5 the ends of said bolts, all arranged and adapt-
ed to operate substantially as and for the pur-
pose set forth.

In testimony whereof I affix my signature in
presence of two witnesses.

JOHN GRIBBEN.

Witnesses:

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