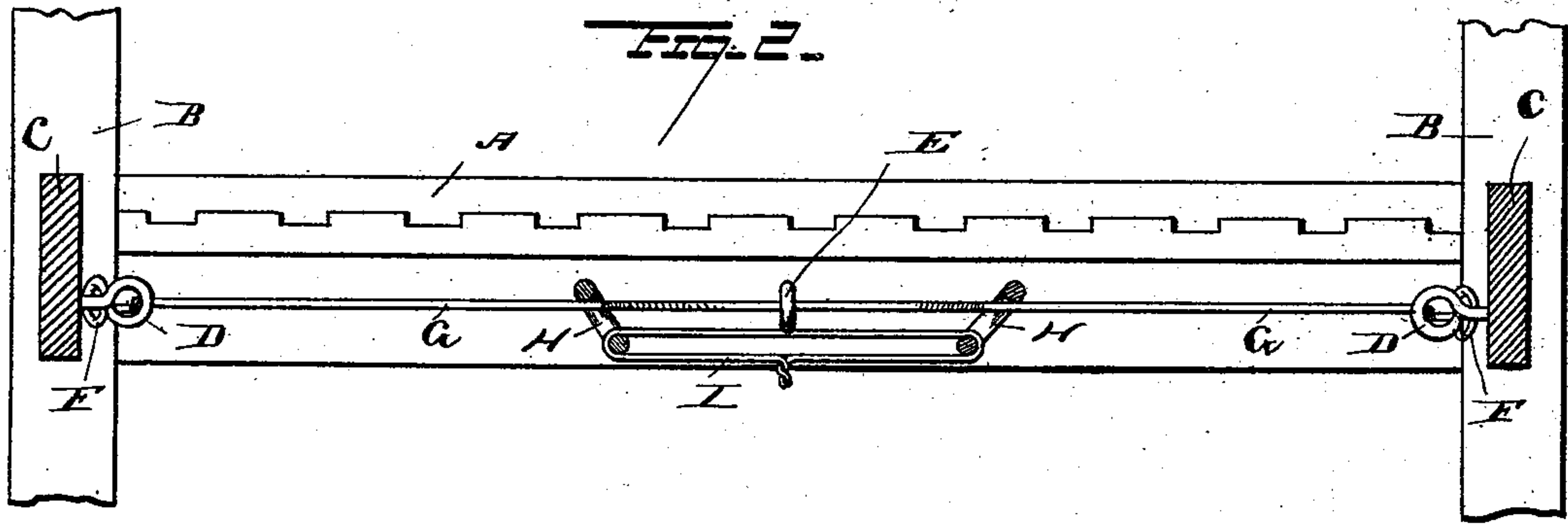
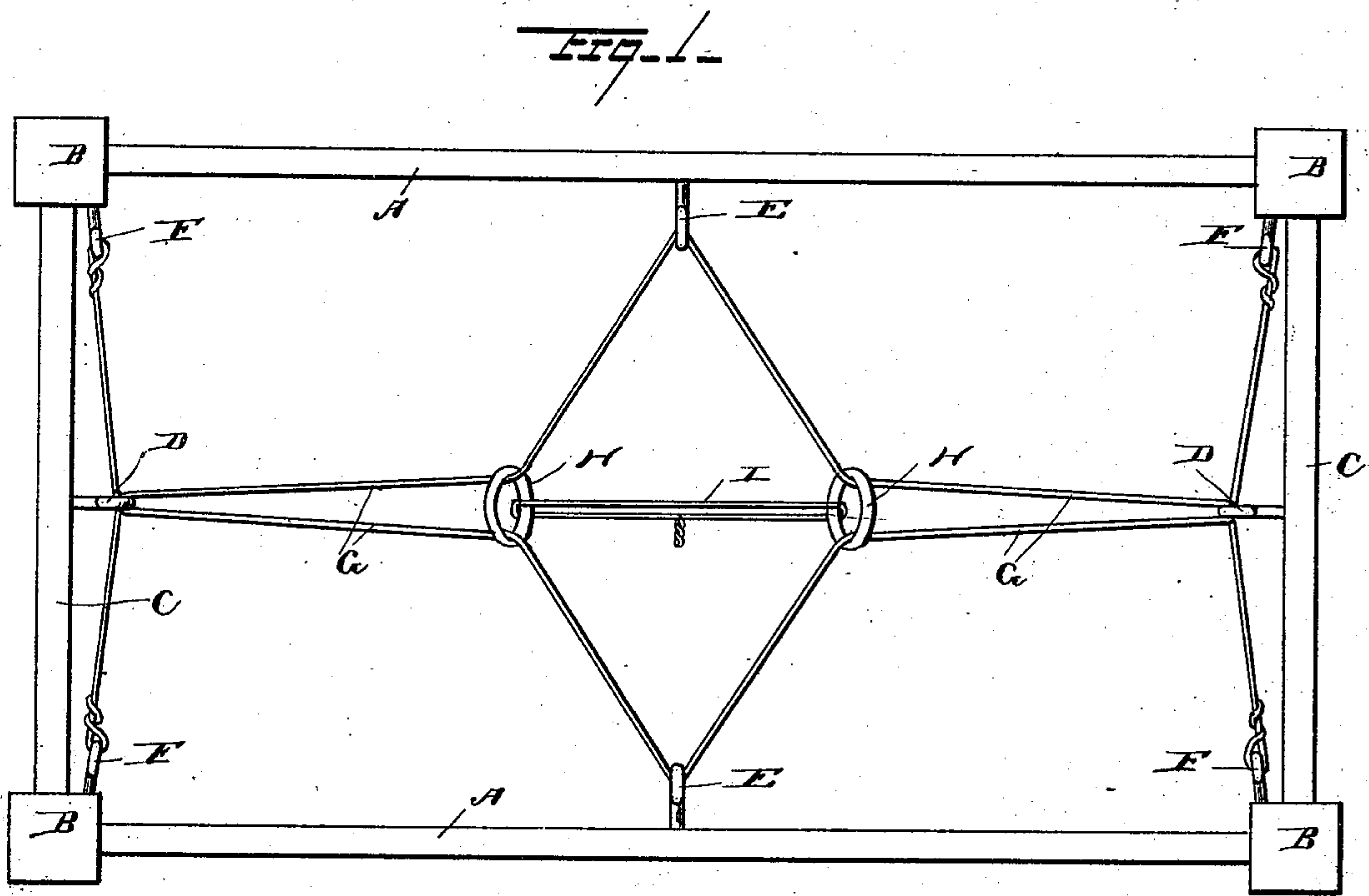


(No Model.)

D. G. WARFIELD.
BRACE FOR BEDSTEADS.

No. 378,028.

Patented Feb. 14, 1888.



Witnesses
Wm. S. Silk
Geo. Garner

Inventor
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UNITED STATES PATENT OFFICE.

DUNBAR GRIFFITH WARFIELD, OF BROWNWOOD, ASSIGNOR TO WADE
B. MORRIS, OF SIDNEY, TEXAS.

BRACE FOR BEDSTEADS.

SPECIFICATION forming part of Letters Patent No. 378,028, dated February 14, 1888.

Application filed September 9, 1886. Serial No. 213,130. (No model.)

To all whom it may concern:

Be it known that I, DUNBAR GRIFFITH WARFIELD, a citizen of the United States, residing at Brownwood, in the county of Brown and State of Texas, have invented a new and useful Improvement in Braces for Bedsteads, of which the following is a specification.

My invention relates to an improvement in braces for bedsteads; and it consists in the peculiar construction and combination of devices, that will be more fully set forth hereinafter, and particularly pointed out in the claim.

In the drawings, Figure 1 is a plan view of a bedstead provided with a brace embodying my improvements. Fig. 2 is a vertical longitudinal sectional view of the same.

A represents the side rails of the bedstead, and B represents the corner-posts.

C represents the end rails. To the center of each of the end rails is attached a hook, D, which projects inwardly from the rail, and to the center of each of the side rails, A, is attached a similar hook, E, the said hooks also extending inwardly from the side rails.

F represents eyebolts, which are attached to the inner corners of the corner-posts.

G represents wires which are attached at their ends to the eyebolts F and extend longitudinally across the frame of the bedstead, the central portions of the said wires being hooked to the hooks E, and the said wires being also passed over the hooks D, near their ends.

On those portions of the wires between the hooks D and E are placed rings H, which may be moved toward each other on the wires, so as to draw the wires together, and thus cause them to press the side and the end rails of the bedstead toward each other. This prevents the side rails from springing apart and moving outwardly from each other, and thus disengaging the slats and permitting the bed, with its occupant, to drop to the floor. A cord, I, passes through the rings H and connects the said rings together, and by drawing tightly upon this cord, so as to cause the rings to approach each other, they may be caused to exert any sufficient tension on the wires so as to secure the sides and ends of the bedstead from swinging outwardly. A brace thus constructed is

arranged entirely beneath the slats, so as to be wholly out of the way.

It will be seen upon reference to the drawings that the working parts of my invention are very few in number and that my device is entirely free of complicated combinations or arrangements, thus facilitating repairs and giving easy access to all the parts.

Each of the wires G in my device acts directly upon all four sides of the bedstead by virtue of the peculiar arrangement thereof shown in the drawings and hereinbefore described. By simply pulling on the cord I the rings H are drawn toward each other over the adjoining wires, and as the said rings embrace two adjoining wires they act as a wedge against the wires to force or press them toward each other. This wedging or side action on the wires is much more effectual as a stretching means than a longitudinal tension. Patent No. 350,014 shows this wedging or side action on the wire to be broadly old. In this patent two series of wires are laced back and forth between the sides and ends of the bedstead, and straining-slides embrace two adjoining strands of wires, and in order to tighten the parts each of the wires is required to be separately adjusted. In my device not only do I dispense with this complicated arrangement of lacing-wires by my arrangement and connection of the wires to the bedstead, but I also dispense with the use of the many straining slides shown in the aforesaid patent, and can adjust both the rings by a simple movement of the cord or strap.

Patent No. 346,646 shows two main wires secured in the corners of the bedstead and passing directly to the center, where they are connected by a bolt and nut. These two main wires are connected to the side and end rails of the bedstead by four supplemental wires, each one of which connects the said main wires with one of the rails of the bedstead. This device is more complicated in the arrangement of its parts than mine, and is consequently more liable to become broken or injured. It is also less efficient than my device, as the pressure requisite to produce the desired results is by it so scattered as to be practically valueless. Further, I dispense with

the use of the four supplemental wires shown in this Patent No. 346,646.

Patent No. 333,453 shows two wires having their ends secured to hooks in the corners of the bedstead. The wires do not, however, pass to the opposite side of the bedstead, but are arranged parallel to the side rails of the same, passing through two hooks, both on the same side of the bedstead, and the portions of the two wires between the hooks are connected and the wires tightened by a bolt and nut. It will be seen at a glance that this arrangement of the wires is not as efficient as that shown in my device, while the adjusting means is not as simple. The wires will not draw direct from the sides and ends of the bedstead equally at all points, as in my construction.

Having thus described my invention, I claim—

20 The combination, with the bedstead having bolts F at the corners, the hooks D at the cen-

ters of the end rails, and the hooks E at the centers of the side rails, of the two wires on each side having their ends secured to the bolts F, engaging the hooks D, and passing to the side of the bed and engaging the hooks E, the rings H, strung on and embracing the adjoining wires between the hooks D and E, so as to cause the wires to be brought together, and the cord or strap I, connecting the said rings so as to slide the rings upon the wires, whereby when the cord is tightened the four sides of the bed will be drawn together, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

DUNBAR GRIFFITH WARFIELD.

Witnesses:

J. R. MORRIS,
W. B. MORRIS.