

J. BOUSKA.

BRACE.

APPLICATION FILED OCT. 26, 1911.

1,064,605.

Patented June 10, 1913.

2 SHEETS—SHEET 1.

Fig. 1.

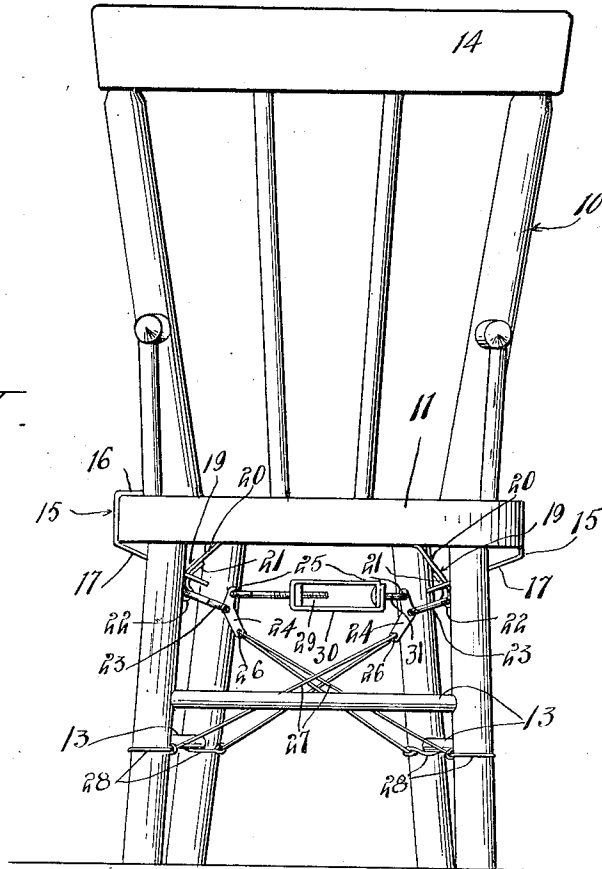
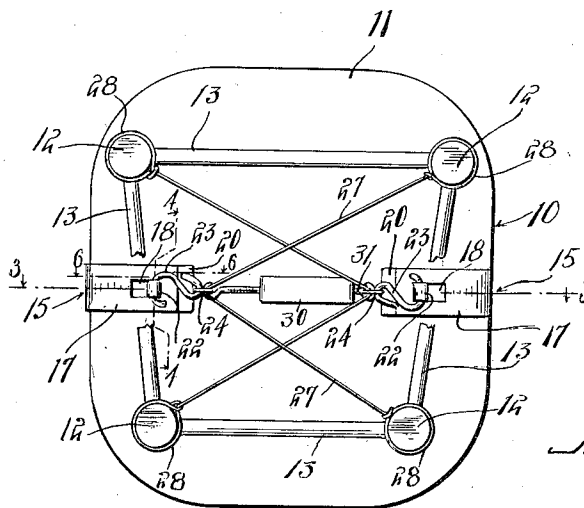


Fig. 2.



Witnesses
J. C. Simpson.
Charles H. Robinson.

Inventor
J. Bouska

By *Charles H. Robinson*
Attorneys

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2 SHEETS—SHEET 2.

Fig. 2.

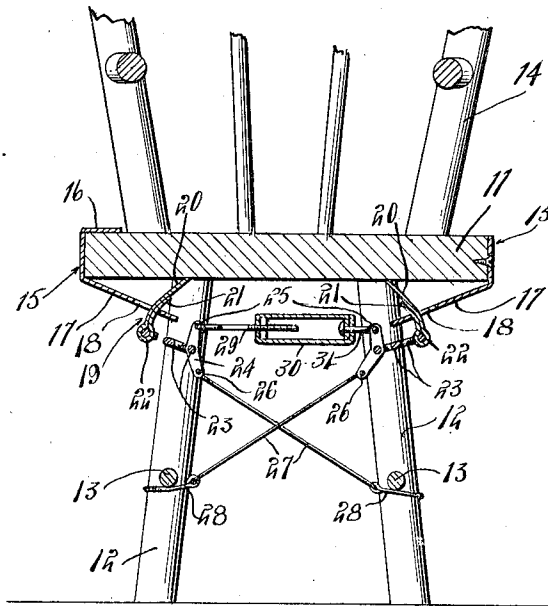


Fig. 4.

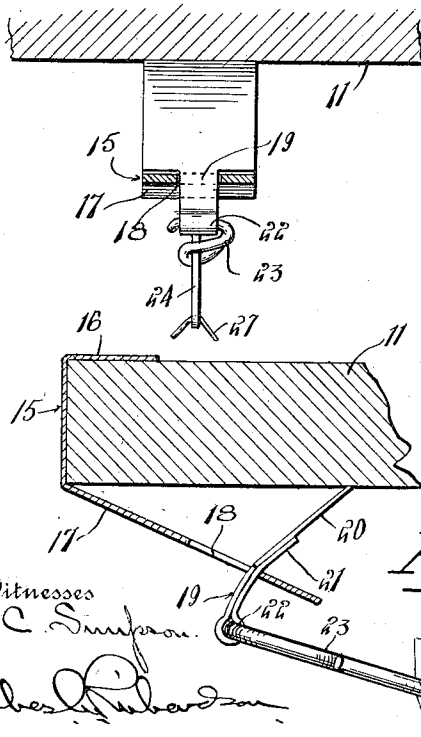


Fig. 5.

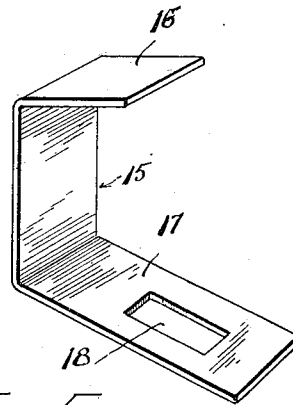
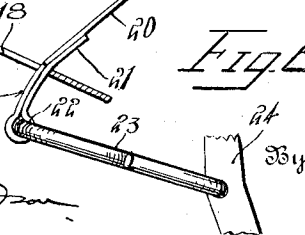


Fig. 6.



Witnesses
J. C. Simpson.
Charles H. Richardson.

Inventor
J. Bouska.

By *Charles H. Richardson*

Attorneys

UNITED STATES PATENT OFFICE.

JOSEPH BOUSKA, OF BRIDGEPORT, WASHINGTON.

BRACE.

1,064,605.

Specification of Letters Patent.

Patented June 10, 1913.

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To all whom it may concern:

Be it known that I, JOSEPH BOUSKA, a citizen of the United States, residing at Bridgeport, in the county of Douglas, State of Washington, have invented certain new and useful Improvements in 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.

This invention relates to new and useful improvements in braces and more particularly to that class adapted to be used in connection with chairs for bracing the legs and seat thereof.

An object of this invention is the provision of a brace such as described which can be very readily attached to a chair of ordinary construction and adjusted to securely retain the various parts thereof against displacement.

A further object of this invention is to improve and simplify devices of this character, rendering them comparatively simple and inexpensive to manufacture, reliable and efficient in use and readily operated.

With the above and other objects in view, this invention resides in the novel features of construction, formations, combinations and arrangements of parts to be hereinafter more fully described, claimed and illustrated in the accompanying drawings, in which:—

Figure 1 is a front elevation of a chair having my improved brace applied thereto. Fig. 2 is a bottom plan view thereof. Fig. 3 is a sectional view taken on the line 3—3 of Fig. 2. Fig. 4 is a sectional view taken on the line 4—4 of Fig. 2. Fig. 5 is a detail perspective view of the seat clamp, and Fig. 6 is a detail sectional view taken on the line 6—6 of Fig. 2.

Referring to the accompanying drawings by similar characters of reference throughout the several views, the numeral 10 designates generally a chair which comprises a seat 11 supported upon the usual legs 12 which are connected by rungs 13 and upon which is secured the usual back 14. A pair of clamping plates 15 engage the opposite sides of the seat 11 and are offset at their upper terminals as at 16 to rest thereon and at their lower terminals as at 17 to project beneath the said seat at an angle thereto.

The offsets 17 are formed with longitudinal slots 18 which slidably receive the reduced shanks 19 of bearing plates 20 which yieldingly engage the under side of the seat 11. The shanks 19 are extended through the slots 18 and are bent backwardly upon themselves as at 21 to engage the under faces of the plates 20 and to produce eyes 22 which extend through the said slots 18 to engage links 23 which are pivotally to the elbows of the bell crank levers 24. The opposite ends of the bell crank levers are apertured as at 25 and 26. Guy rods 27 are passed through the lower apertures 26 and are bent in substantially V-shaped formation as clearly illustrated in Fig. 2 having their extremities producing a loop 28 which surrounds the legs 12 below the lower rungs 13. A threaded rod 29 is secured within one of the apertures 25 for engagement with a turn buckle 30 swiveled as at 31 to the other of said apertures 25 providing a means whereby the upper ends of the bell crank levers can be brought together and the guy rods 27 tightened by the lower ends of the bell crank levers which are forced outwardly. The plates 20 which yieldingly engage the seat 11 provide for the resiliency of the entire clamping device.

From the foregoing disclosures taken in connection with the accompanying drawings it will be manifest that a brace for chairs is provided for which will fulfil all of the necessary requirements of such a device, it being understood that various minor changes in the details of construction can be resorted to within the scope of the appended claim without departing from or sacrificing any of the advantages of the invention. It should therefore be understood in this connection that the brace is not to be limited to use in connection with chairs alone but may be applied to any other object to which the several parts composed therein will adapt themselves.

Having thus fully described this invention what I claim as new and desire to protect by Letters Patent, is:

The combination with a chair, of plates secured to opposite sides of the seat thereof respectively and having inwardly directed lower ends provided with slots, bearing plates extending through each of said slots and having one end in engagement with the

bottom of the chair seat, links pivotally connected to the other ends of said bearing plates, an angle lever pivotally connected to the free end of each link, a connection between corresponding ends of the angle levers, said connection including a turn-buckle whereby the angle levers may be pivotally adjusted, and connections between the other

ends of said angle levers and the legs of the chair.

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

JOSEPH BOUSKA.

Witnesses:

J. M. STODDARD,
J. W. BOUSKA.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."