

N. L. HOLCOMB.
ADJUSTABLE BRACKET.
APPLICATION FILED OCT. 12, 1907.

Patented Mar. 2, 1909.
2 SHEETS—SHEET 1.

914,047.

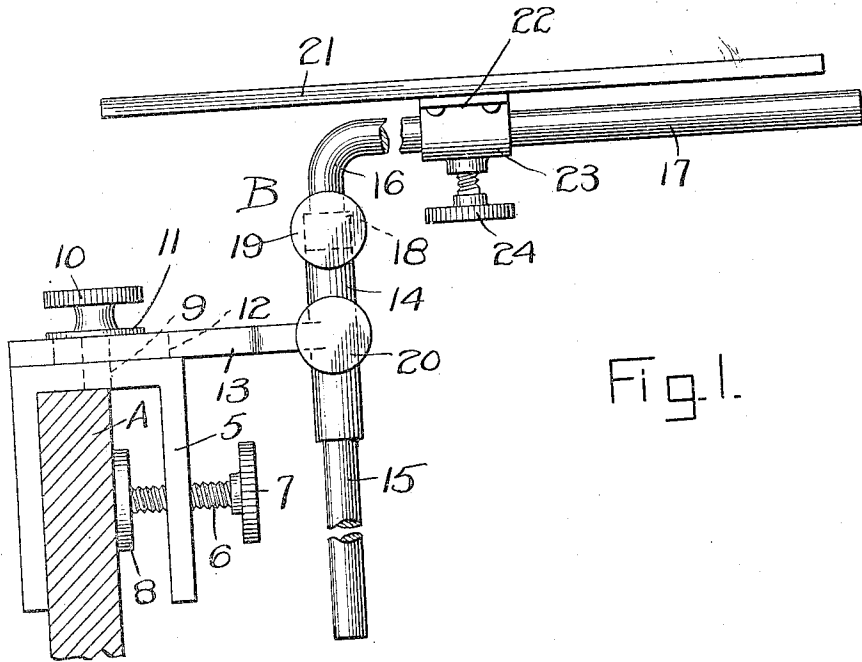


Fig. 1.

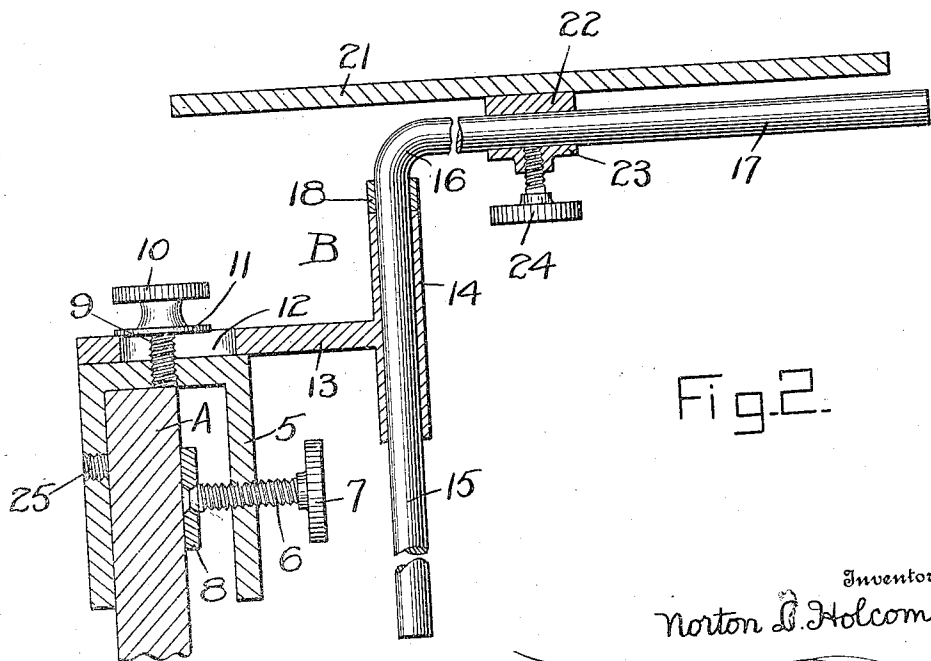


Fig. 2.

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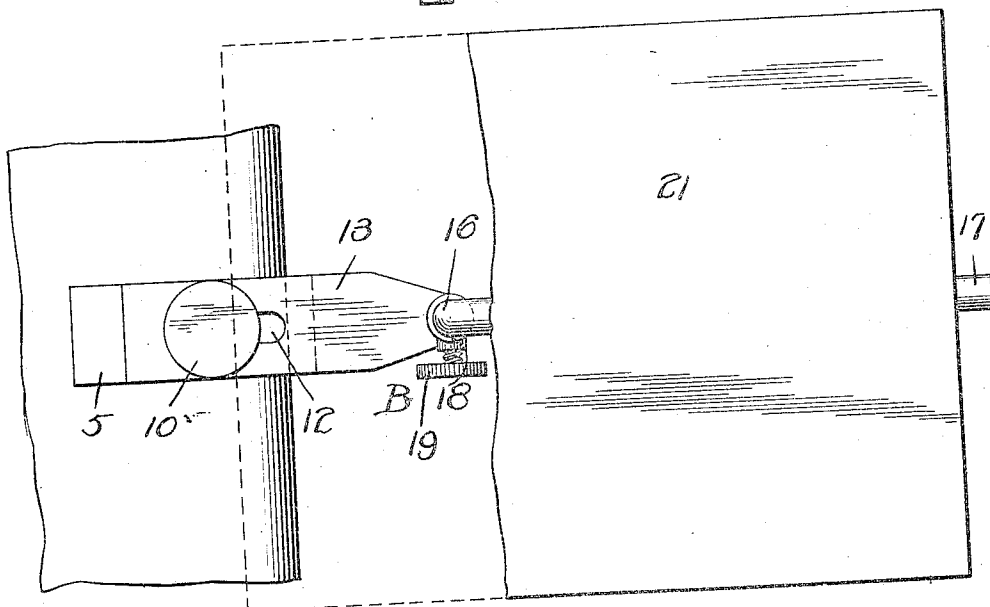


Fig 4.

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UNITED STATES PATENT OFFICE.

NORTON L. HOLCOMB, OF GENEVA, OHIO.

ADJUSTABLE BRACKET.

No. 914,047.

Specification of Letters Patent.

Patented March 2, 1909.

Application filed October 12, 1907. Serial No. 397,204.

To all whom it may concern:

Be it known that I, NORTON L. HOLCOMB, a citizen of the United States, residing at Geneva, in the county of Ashtabula, State of Ohio, have invented certain new and useful Improvements in Adjustable Brackets; 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 brackets, and it has more particular reference to a bracket attachable to articles of furniture, such as beds, desks, chairs, tables and the like.

In its broad conception, the invention comprises a bracket including a standard adjustable vertically and horizontally and in connection with which other adjustable elements are employed so that the shelf which is carried by the bracket has adjustment to any desired position and angle.

The invention aims as a primary object to provide novel means for holding the shelf free to swing at selected vertical adjustments and for likewise holding said shelf at selected pivotal adjustments against swinging movement.

The invention aims as a further object to provide a novel construction, combination and arrangement of parts, the details of which will appear in the course of the following description, in which reference is had to the accompanying drawings, forming a part of this specification, like characters of reference designating similar parts throughout the several views, wherein:—

Figure 1 is a side elevation showing the manner of use of a bracket constructed in accordance with the present invention, the said bracket being arbitrarily disclosed as applied to one of the side pieces of a bed. Fig. 2 is a central longitudinal sectional view of the bracket and its adjunctive elements. Fig. 3 is a view showing the application of the bracket to a chair. Fig. 4 is a top plan view of the bracket.

In the accompanying drawings, the reference letter A designates one of the side bars of a bed frame and the reference letter B designates generally the bracket included in the present invention. The said bracket is attachable to the said side bars or to parts of other articles of furniture by means of a U-shaped clamping member 5 having one of

its parallel side portions formed with a threaded aperture, through which is engaged a threaded screw shank 6, having at its outer end a knurled head 7, and at its inner end, a swiveled clamping plate 8 which is designed to bear frictionally against the surface of the side bar A. The cross piece of the member 5 is formed with a vertical threaded opening in which is engaged a screw shank 9, having a head 10 provided with a base flange 11. The screw shank 9 passes through a slot 12 in an angularly adjustable horizontal arm 13 and the base flange 11. When the screw shank 9 is turned into the opening provided therefor in the member 5 its flange 11 is designed to impinge against the upper face of the arm 13 and hold said arm at selected angular and sliding adjustments against the member 5. The arm 13 carries at its outer end a vertical sleeve 14, preferably integral, and through which passes the vertical standard 15 said standard being bent at a right angle as at 16 to form a horizontal arm 17. Surrounding the standard 15 is a collar 18, which rests upon the upper face of the sleeve 14 and through which a set screw 19 is threaded, the inner end of the latter bearing frictionally against the standard 15. A set screw 20 is threaded through the sleeve 14 and is designed to bear frictionally with its inner end against the standard 15 and hold the latter against movement in the sleeve. By loosening the screw 20 and tightening the screw 19 to hold the collar 18 tight upon the standard 15, the latter may be rotated freely without permitting it to slide through the sleeve 14. By adjusting the collar 18 longitudinally on the standard the latter may be adjusted to regulate the plane of the arm 17 and prevent said standard from lowering in the sleeve 14.

The shelf is designated by the numeral 21 and has secured to its under face a casting 22 formed with a sleeve 23 mounted on the arm 17 and which is held in fixed relation to said arm by a set screw 24 threaded through said sleeve and bearing frictionally against said arm. The provision of the sleeve 23 affords a means for pivotally adjusting the shelf 21 longitudinally of the arm 17 and likewise angularly with respect thereto.

The member 5 when secured to a chair, has its side portions disposed in horizontal planes and the uppermost of said side portions is formed with a threaded opening into which the screw shank 9 is turned, it being understood that the arm 13 in this re-

lation is imposed upon said uppermost side portions as shown more particularly in Fig. 3.

The invention is simple in its structural details, inexpensive to manufacture, and
5 practical and efficient in use.

What is claimed is:

10 An adjustable bracket comprising a U-shaped clamp member, a horizontally disposed angularly adjustable arm mounted on the clamp member and having a sleeve at one end thereof, a standard loosely mounted in said sleeve for rotation therein and being bent on itself at one extremity to form a

right angularly disposed arm, an adjustable collar on the standard and resting against
15 the upper edge of the sleeve to form a bearing for the standard, means for locking the standard against rotation in the sleeve, and a shelf longitudinally adjustable on the right-angularly disposed arm.

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

N. L. HOLCOMB.

Witnesses:

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