

No. 878,455.

PATENTED FEB. 4, 1908.

L. D. CARTER.

ADJUSTABLE BRACKET.

APPLICATION FILED SEPT. 10, 1907.

FIG. 1.

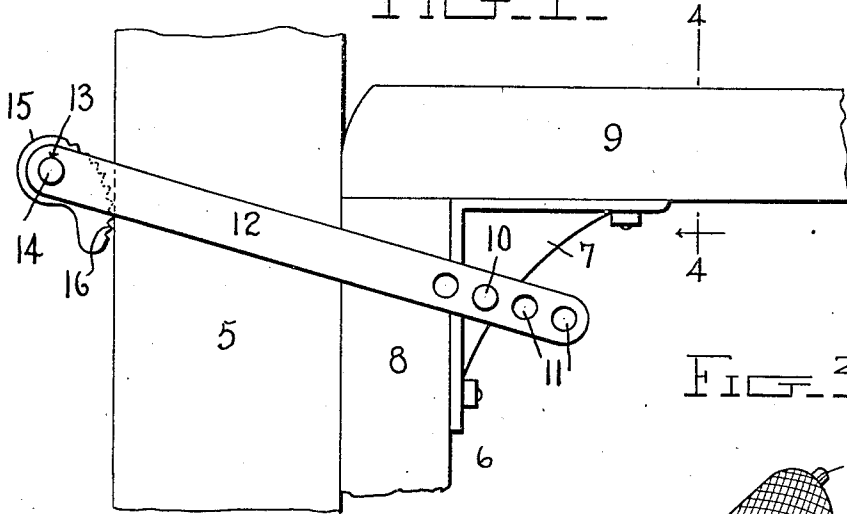


FIG. 3.

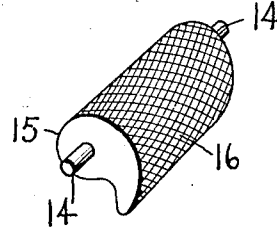


FIG. 2.

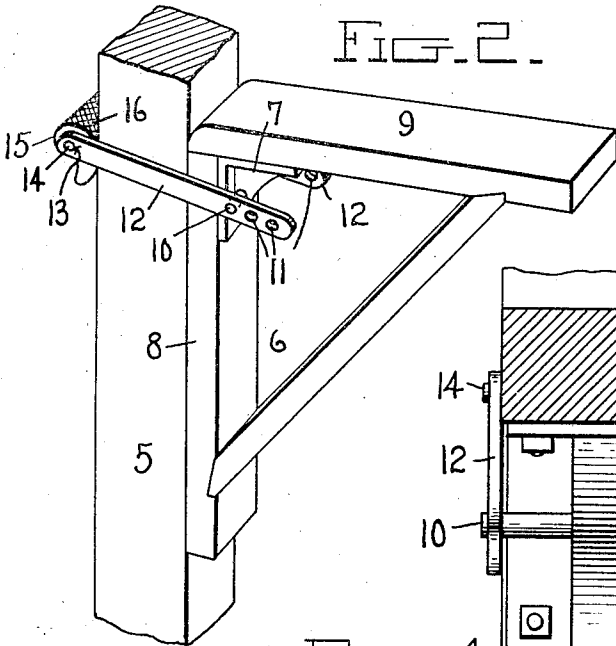
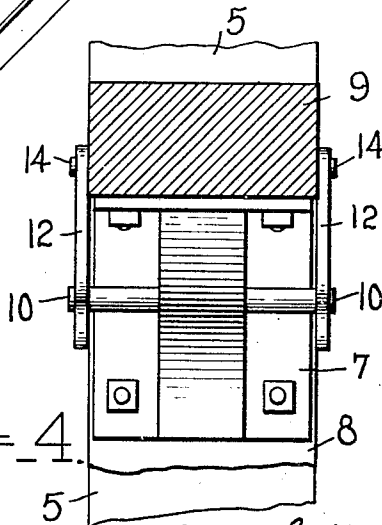


FIG. 4.



Inventor

Witnesses

L. B. James
John Brown.

By

L. D. Carter
[Signature]

Attorneys

UNITED STATES PATENT OFFICE.

LLEWELLYN D. CARTER, OF MUSCATINE, IOWA.

ADJUSTABLE BRACKET.

No. 878,455.

Specification of Letters Patent.

Patented Feb. 4, 1908.

Application filed September 10, 1907. Serial No. 392,222.

To all whom it may concern:

Be it known that I, LLEWELLYN D. CARTER, a citizen of the United States, residing at Muscatine, in the county of Muscatine, State of Iowa, 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 scaffold brackets and it has more particular reference to a bracket of this type, including adjustably connected elements for securing the same to posts of varying sizes.

The invention aims as a primary 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 an enlarged side elevation showing the manner of use of the bracket comprehended in the present invention, Fig. 2 is a detailed perspective view of such bracket, Fig. 3 is a detailed perspective view of a cam comprehended in the invention, and, Fig. 4 is a cross section on the line 4—4 of Fig. 1.

In the accompanying drawings the numeral 5 designates a supporting post and the numeral 6 designates generally the bracket forming the subject matter of the present invention. The bracket 6 includes a casting 7 of L-shape and to the respective faces of which are secured the back piece 8 and the shelf piece 9. If desired, said back piece and said shelf piece may be made integral with the casting 7. It is not deemed necessary to illustrate the construction last suggested but merely to mention it in passing.

Projecting laterally from each side of the casting 7 are round pins 10 which are de-

signed for engagement as pivots through selected ones of a series of openings 11 provided at one end of side straps 12, the latter being formed at their other ends with openings to receive pins 14 projecting axially from the ends of a gripping cam 15 having its working face roughened as at 16 to frictionally grip the face of the post 5.

It will be apparent that the provision of the openings 11 afford means for adjusting the straps 12 at selected lengths upon the pins 10 whereby the device may be applied to posts of varying sizes. The greater the weight upon the shelf piece 9, the greater the degree of frictional gripping action of the cam 15 owing to its rolling roughened gripping surface.

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

What is claimed is:—

1. A bracket of the type set forth comprising an L-shaped casting, a back piece and a shelf piece secured to the respective angular faces thereof, said casting having laterally projecting pins, side straps having at corresponding ends thereof series of openings, said pins being designed for engagement selectively through said openings, said straps being formed at their outer ends with openings and a cam shaped gripping member having axially projecting pins for engagement in said last named openings.

2. A bracket of the type set forth, comprising in combination with a supporting post, a bracket structure designed to be held against said post, arms pivoted to said bracket structure and designed for adjustment to selected positions with relation thereto, and a gripping element carried by said arms for engagement with said post.

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

LLEWELLYN D. CARTER.

Witnesses:

P. W. FRANCIS,
L. G. BURNETT.