Oct. 4, 1949. L. A. DOUGLAS 2,483,758

ADJUSTABLE SHELF BRACKET

Filed Nov. 14, 1947

Fig. 1.

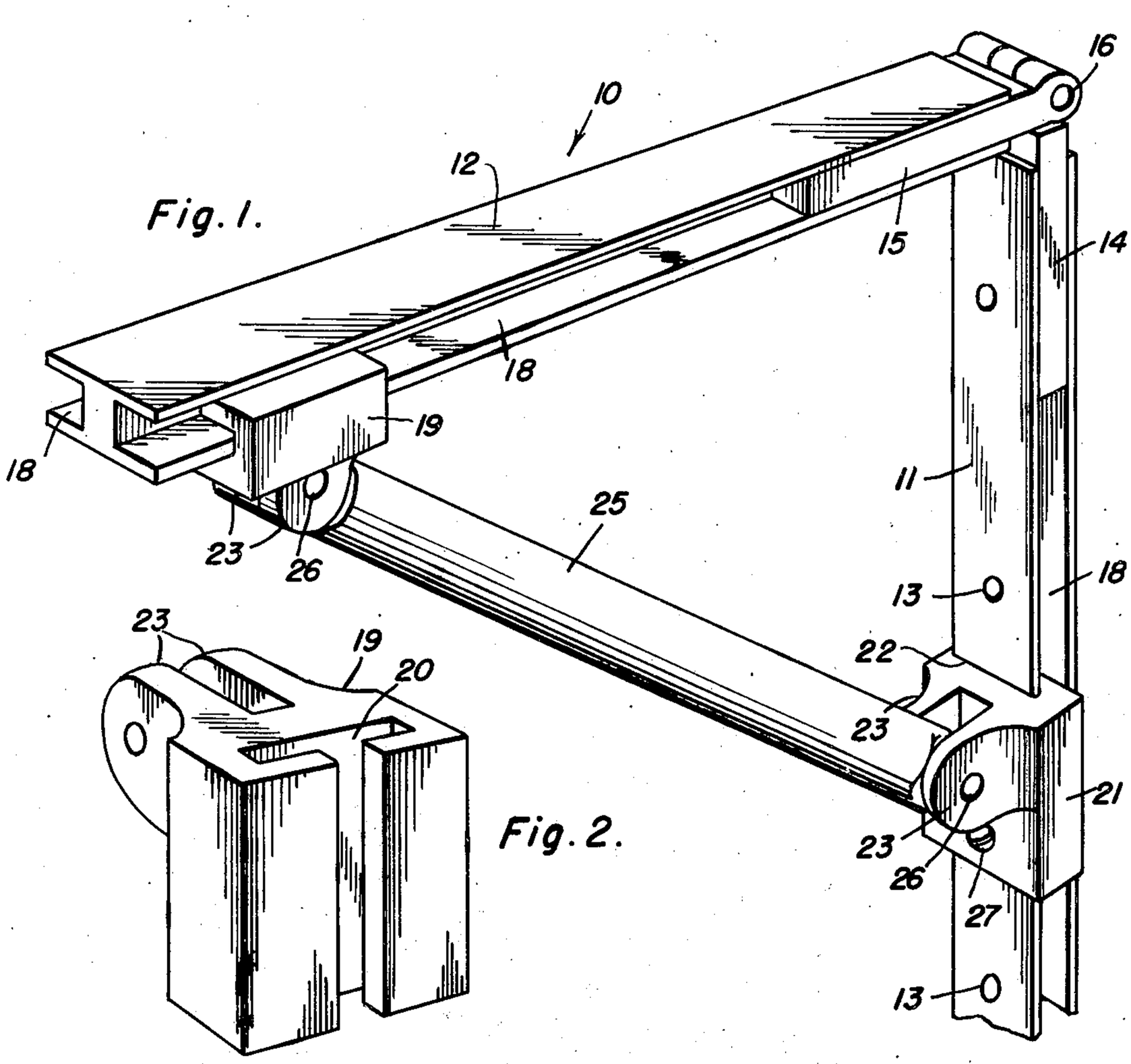


Fig. 2.

Fig. 3.

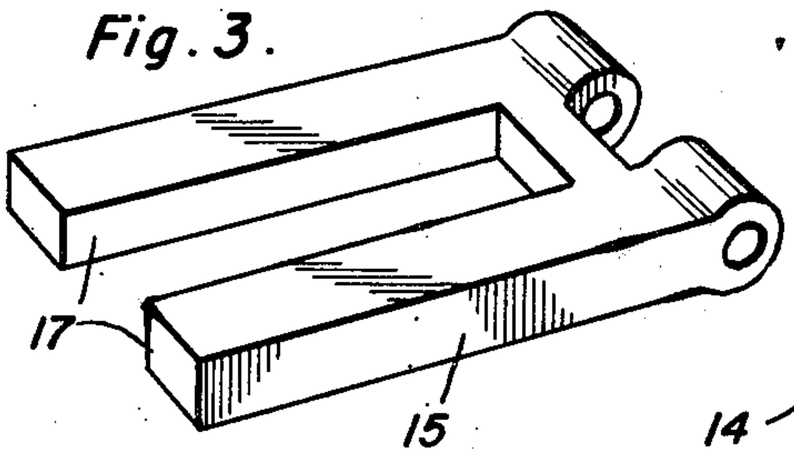


Fig. 4.

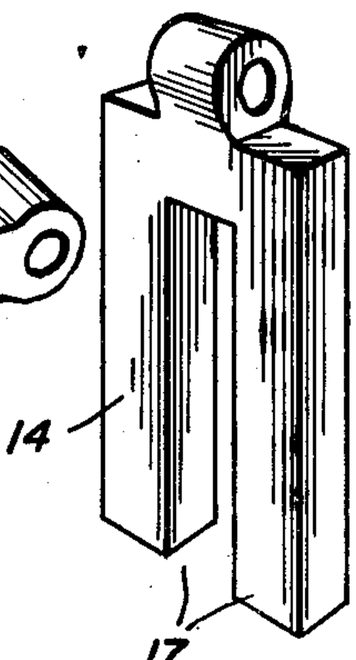
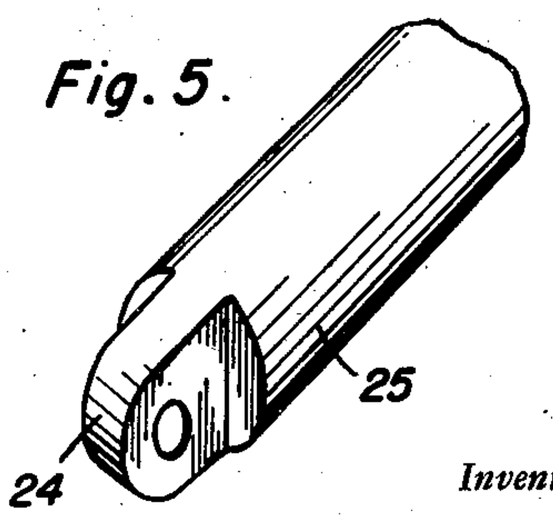


Fig. 5.



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ADJUSTABLE SHELF BRACKET

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2 Claims. (Cl. 248—242)

1

This invention relates to new and useful improvements and structural refinements in adjustable shelf brackets, and the principal object of the invention is to provide a device of the character herein described, such as may be conveniently and effectively employed for supporting shelves in a horizontal position regardless of the relative angular disposition of the wall, or the like, to which such shelf is attached.

A further object of the invention is to provide an adjustable shelf bracket which is simple in construction, which may be quickly and easily adjusted, and which will readily lend itself to economical manufacture.

Another object of the invention is to provide an adjustable shelf bracket which will not easily become damaged and which is otherwise well adapted for the purpose for which it is intended.

With the above more important objects in view, and such other objects as may become apparent as this specification proceeds, the invention consists essentially of the arrangement and construction of parts as illustrated in the accompanying drawings, in which:

Figure 1 is a perspective view of the invention.

Figure 2 is a perspective view of one of the blocks used in the invention.

Figure 3 is a perspective view of a hinge member used therein.

Figure 4 is a perspective view of a further hinge member, and

Figure 5 is a fragmentary perspective view of a strut used in the invention.

Like characters of reference are employed to designate like parts in the specification and throughout the several views.

Referring now to the accompanying drawings in detail, the invention consists of an adjustable shelf bracket designated generally by the reference character **10**, the same embodying in its construction an elongated wall member **11** and an elongated shelf member **12**, these members being formed from any suitable material and preferably having an H-shaped cross sectional configuration, as is best shown in the upper left hand portion of the accompanying Figure 1.

The wall member **11** is formed with a plurality of apertures **13**, whereby it may be conveniently secured by means of suitable bolts, screws, or the like (not shown) to the wall or to some other suitable supporting structure.

One end of the wall member **11** is provided with a hinge member **14** which coacts with a further hinge member **15** provided at one end of the shelf member **12**, the hinge members **14**, **15** being pivotally connected together by a suitable pin **16**, as will be clearly apparent from the accompanying drawings. As will be clearly apparent from the accompanying Figure 3, the hinge members **14**, **15** are formed with integral leg portions **17** which are receivable in the grooves **18** of the wall and shelf members **11**, **12**, the members **14**, **15** being secured to the members **11**, **12** respectively by welding or the like.

2

A block **19**, formed with a T-slot **20**, is slidable on the shelf member **12**, while a further block **21**, formed with a similar slot **22**, is slidable on the wall member **11**. The two blocks **19**, **21** are similar in construction, both being provided with yokes **23** to which are pivotally connected the end portions **24** of a strut **25** by means of suitable pins **26**.

A set screw **27** is provided in each of the blocks **19**, **21** whereby the blocks may be rigidly yet adjustably secured in any desired position upon their respective members **12**, **11**, as will be clearly apparent. Needless to say, the set screws **27** are frictionally engageable with the surfaces of the members **12**, **11**, so that the blocks **19**, **21** may be adjustably secured in position.

When the invention is placed in use, the member **11** is secured to a wall or to some other supporting structure and a shelf, or the like (not shown), is similarly secured to the member **12**.

Thereupon, the position of the blocks **19**, **21** with respect to the members **12**, **11** may be adjusted so that the shelf mounted upon the member **12** is supported in a substantially horizontal position regardless of the angular disposition of the wall to which the member **11** may be attached. When this adjustment of the brackets has been obtained, the set screws **27** of the blocks **19**, **21** may be tightened so that the shelf will be supported in the horizontal position, as will be clearly apparent.

It is believed that the advantages and use of the invention will be clearly understood from the foregoing disclosure and accordingly, further description thereof at this point is deemed unnecessary.

While in the foregoing there has been shown and described the preferred embodiment of this invention it is to be understood that minor changes in the details of construction, combination and arrangement of parts may be resorted to without departing from the spirit and scope of the invention as claimed.

Having described the invention what is claimed as new is:

1. An adjustable shelf bracket comprising a

pair of elongated members hingedly connected together at one end thereof, a strut, each end of said strut being slidably connected to one of said members, and means for locking said strut in a predetermined position with respect to said members.

2. An adjustable shelf bracket comprising a pair of elongated members hingedly connected together at one end thereof, a pair of blocks each slidable on one of said members, a strut pivoted at each end thereof to one of said blocks, and means for locking said blocks in predetermined positions on the respective members.

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REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
485,589	Ravenel et al.	Nov. 1, 1892
565,274	Hurrell	Aug. 4, 1896
749,670	Gardner	Jan. 12, 1904