C. L. DAY.

BRACKET.

APPLICATION FILED MAY 5, 1908.

899,445.

Patented Sept. 22, 1908.

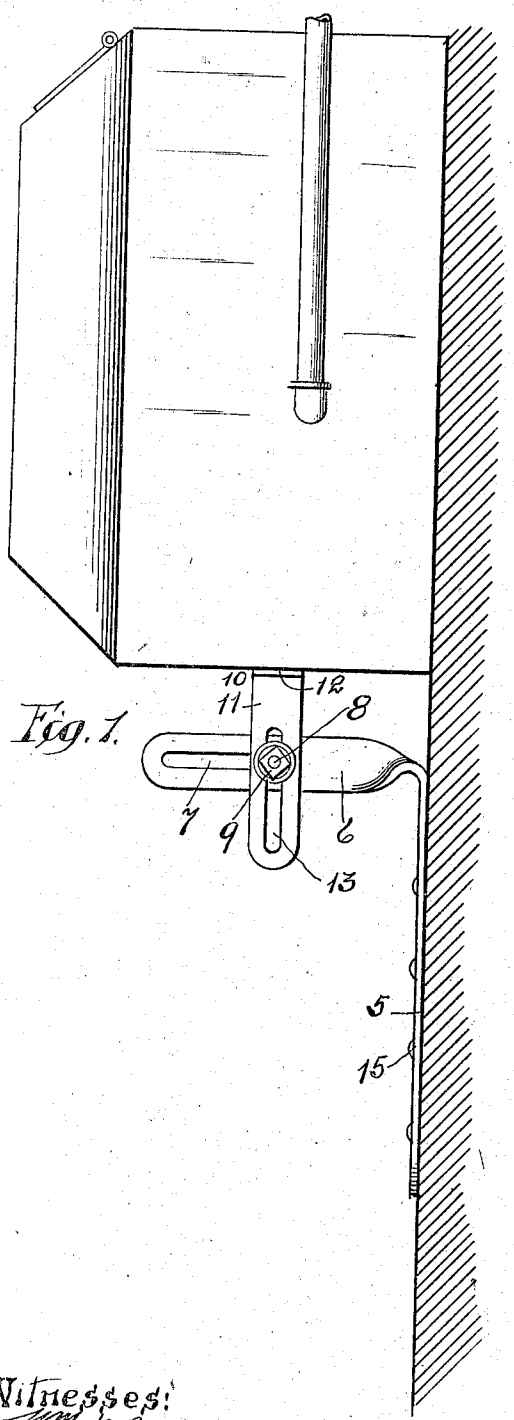


Fig. 1.

Fig. 2.

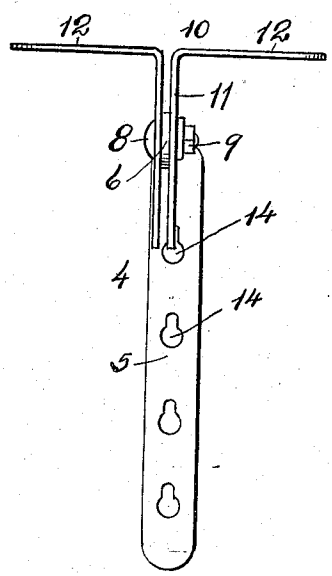
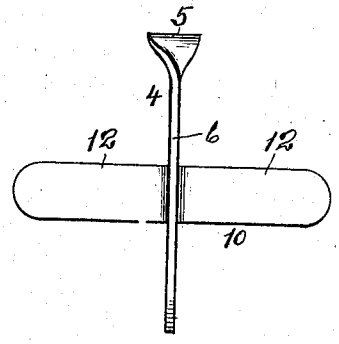


Fig. 3.



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UNITED STATES PATENT OFFICE.

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BRACKET.

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To all whom it may concern:

Be it known that I, CHARLES L. DAY, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Brackets, of which the following is a specification.

This invention is intended more particularly for use as a support for a gas meter, although the bracket may be used for the support of any other suitable object without change or modification.

The bracket is so formed that straps or pieces of strap iron may be used in its construction, which greatly cheapens the cost of the bracket and at the same time renders it stronger and more durable than if constructed from cast iron of the same weight.

The bracket is so constructed that it will be capable of vertical and horizontal adjustment and also capable of angular adjustment to accommodate its supporting surface to the varying conditions encountered.

The invention consists of the features of construction and combination of parts hereinafter described and claimed.

In the drawings, Figure 1 is a side elevation of the bracket as used to support a gas meter; Fig. 2 a front elevation of the bracket; and Fig. 3 a top or plan view of the same.

The bracket, as a whole, comprises an L-shaped attaching member 4 which is in the form of a vertical attaching bar 5 adapted to lie flat against a wall or other structure which has outwardly projecting therefrom a supporting member 6 which extends at right angles with respect to the attaching bar and is given a half twist with respect thereto, whereby the major dimension of the strap bar will be in a vertical line with the load to be supported. The supporting member is provided, near its outer end, with an elongated slot 7 through which is entered a headed bolt 8 provided, on its end, with a nut 9.

The horizontal supporting member serves for the attachment thereto of a pair of angle bars 10, each comprising a vertical member 11 and a horizontal member 12, which latter members are oppositely disposed with respect to one another and afford a continuous rest or shelf for the gas meter or other object which it is intended to support. Each of the vertical arms or members 11 is provided with a vertically extending slot 13, and the slotted members are located on opposite sides of the supporting member 6 and have the bolt 8 entered through the slots 13 so that the bolt serves to hold the two angle bars comprising the rest or shelf in close engagement with the supporting member. In order to secure the attaching member to the wall or other support, said member is provided with a plurality of keyhole slots 14 which coöperate with headed nails or screws 15 outwardly projecting from the surface of the wall, whereby the bracket as a whole can be dropped into place and held by the engagement of the headed nails or screws with the contracted portion of the key hole slots.

The construction is one which permits the shelf member of the bracket to be adjusted vertically and horizontally and also to be adjusted to different angles so that the supporting surface, if desired, can be disposed at some angle other than horizontal. These adjustments can be effected by simply loosening the single bolt which is entered through the slots. By constructing the bracket from strap iron, the inherent strength and rigidity of the iron can be secured, and by bending the L-shaped supporting member in the manner indicated the combined bend and twist at the angle or elbow will increase the rigidity at this point sufficiently to prevent bending or sagging under the weight of the meter. At the same time the twist brings the horizontal outwardly projecting portion of the supporting member into suitable position to receive the angle bars composing the shelf portion of the bracket, whereby the attachment of the latter can be easily performed.

What I regard as new and desire to secure by Letters Patent is:

1. In a bracket, the combination of an L-shaped attaching member, comprising an attaching portion adapted to be secured to a suitable structure, and an outwardly projecting portion provided with an opening, a shelf portion comprising two angle bars, each provided with an opening, said angle bars being disposed on opposite sides of the projecting portion, and a bolt entered through the openings in the angle bars and in the projecting portion of the attaching member, substantially as described.

2. In a bracket, the combination of an L-shaped attaching member, comprising an attaching portion adapted to be secured to a suitable structure, and an outwardly projecting portion twisted with respect to the attaching portion and provided with an opening, a shelf portion comprising two angle

bars, each provided with an opening, said angle bars being disposed on opposite sides of the projecting portion, and a bolt entered through the openings in the angle bars and in the projecting portion of the attaching member, substantially as described.

3. In a bracket, the combination of an attaching member formed from a single piece of strap metal and comprising an attaching portion and an outwardly projecting supporting portion bent at right angles with respect to the attaching portion and twisted with respect thereto to bring the major dimension of the projecting portion into a vertical position, the supporting portion being provided with an elongated horizontal slot, a shelf portion comprising two angle bars disposed on opposite sides of the projecting supporting portion, and each provided with a vertical slot, and a bolt entered through the slots for securing the shelf members to the supporting member and permitting longitudinal and vertical adjustment, substantially as described.

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