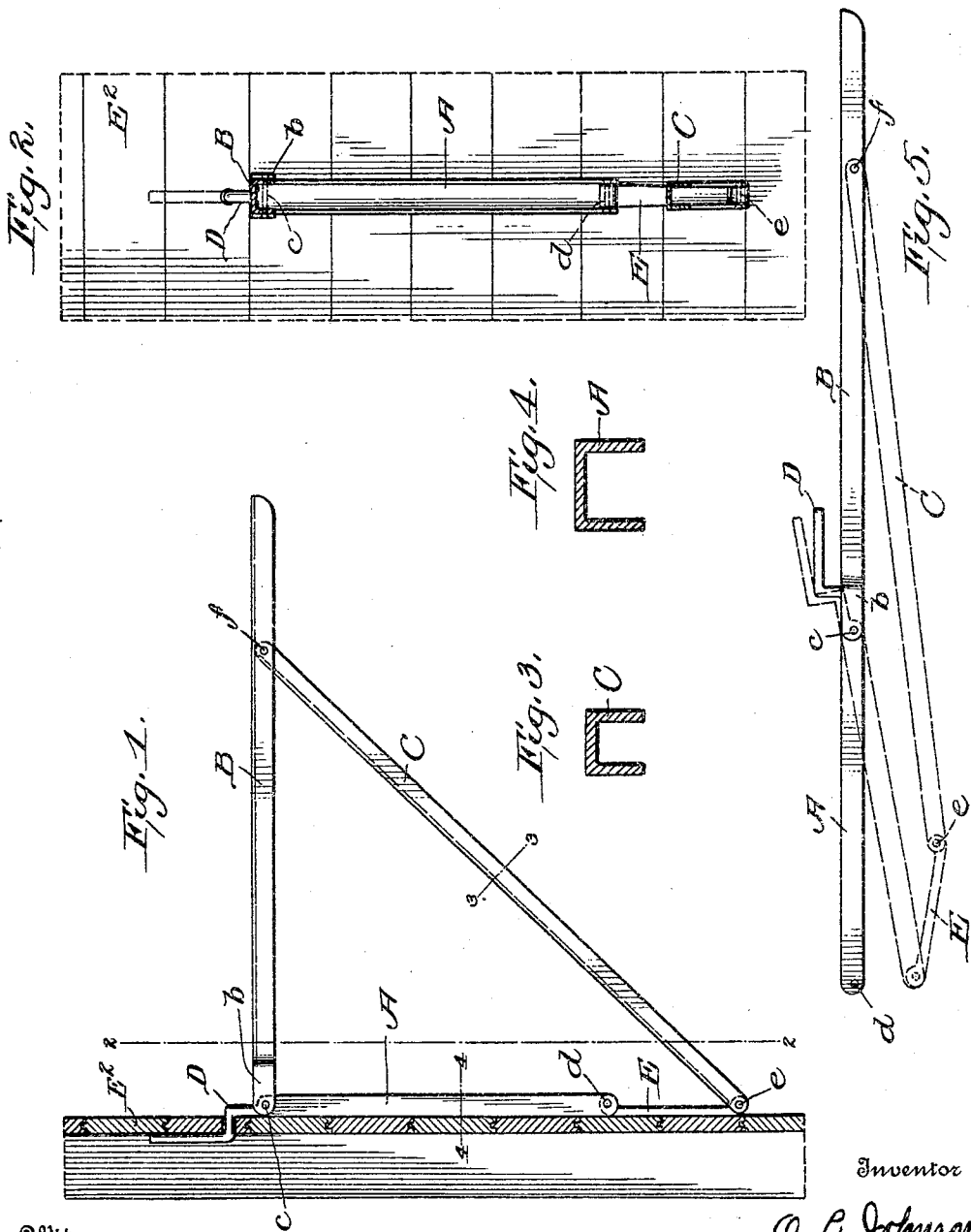


958,746.

Patented May 24, 1910.



Witnesses

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UNITED STATES PATENT OFFICE.

OSCAR L. JOHNSON, OF STREATOR, ILLINOIS.

STAGING-BRACKET.

958,746.

Specification of Letters Patent.

Patented May 24, 1910.

Application filed January 29, 1910. Serial No. 540,887.

To all whom it may concern:

Be it known that I, OSCAR L. JOHNSON, citizen of the United States, residing at Streator, in the county of LaSalle and State of Illinois, have invented new and useful Improvements in Staging-Brackets, of which the following is a specification.

My invention has to do with brackets, more particularly brackets such as are designed to be fastened to the sheathing of a building for the support of staging; and it has for its object to provide a bracket that is safe and strong in use and is adapted when not in use to be compactly folded so as to take up but very little space when shipped or carried from place to place.

My invention will be best understood by reference to the following description when taken in connection with the accompanying illustration of one specific embodiment thereof, while its scope will be more particularly pointed out in the appended claims.

In the drawings which constitute part hereof: Figure 1 is a view showing my novel bracket in side elevation as positioned for use. Fig. 2 is a vertical section taken in the plane indicated by the line 2—2 of Fig. 1. Figs. 3 and 4 are enlarged detail sections taken in the planes indicated by the lines 3—3 and 4—4, respectively, of Fig. 1. Fig. 5 is a side elevation showing by full lines the appearance of my novel bracket when folded, and by dotted lines the appearance of certain of the parts as the same appear when approaching the positions they occupy when the bracket is completely folded.

Similar letters designate corresponding parts in all of the views of the drawings, referring to which:

A is the vertical channel-bar member of my novel bracket.

B is the horizontal channel-bar member of the bracket, and C is the diagonal brace which has for its office to support in horizontal position the member B, after the manner shown in Fig. 1. The upright member A is provided at its upper end with an angular rod D, adapted to be secured in the sheathing E² of a building, Fig. 1, so as to attach the bracket to and support the same on the sheathing as shown in said figure. The member B is preferably of the same shape and size in cross-section as the upright member A, with the exception that it is provided at its inner end with a bifurcated portion b, of increased width, in which the up-

per end of the member A is pivoted, as indicated by c. Arranged between and pivoted to the side walls of the member A at the lower end thereof, is one end of a link E, and the opposite end of the said link E is pivoted to the lower end of the diagonal brace C, being arranged by preference between the side walls of the said brace which is preferably, though not necessarily, of channel-formation as best shown in Fig. 3. The pivotal connection of the link E to the upright member A is lettered d, and the pivotal connection of the said link E to the diagonal brace C is lettered e, while the pivotal connection of the diagonal brace C to the horizontal member B is lettered f. All of these pivotal connections are preferably effected by rivets the heads of which are preferably countersunk so as to rest flush with the outer sides of the parts by which they are carried.

When my novel bracket is put in use it is engaged with and arranged against the sheathing of a building, as is shown in Fig. 1. When, however, the bracket is removed from the building it may be folded into the compact state illustrated by full lines in Fig. 5; it being simply necessary to swing the member A into alinement with the member B, since when the same is done the link E and the diagonal brace C will follow the outer end of the member A, and the brace C will lie partly in the member B and partly in the member A, while the link E will lie in the member A, with the result that the folded bracket will in side elevation present the appearance shown by full lines in Fig. 5. To open the bracket it is simply necessary for the operator to grasp and move the angular rod D, whereupon the member A will assume a position at an angle to the member B, when the brace C may be readily grasped and the bracket fully opened. It will also be understood by reference to Fig. 5, that the bracket may be opened or unfolded by the operator holding the member B and pressing downward on the member A until the said member A is in a position at a right angle to the member B.

It will be gathered from the foregoing that notwithstanding its adaptability to be compactly folded as stated, my novel bracket is adapted to be applied to a building with the same facility as an ordinary bracket, and when properly applied is strong and safe. It will also be gathered that the bracket is

simple and inexpensive in construction and embodies no parts that are likely to get out of order during ordinary usage.

While I have shown and described one form of my invention, it is to be understood that I am not limited to the details or the form or relative arrangement of parts disclosed, but that modifications may be made therein without departing from the scope thereof.

Having described my invention, what I claim and desire to secure by Letters-Patent, is:

1. A staging bracket comprising a channel bar member having an inner bifurcated portion of increased width, a channel bar member pivoted in said bifurcated portion of the first-named member and having at its inner end an angular rod, a link pivoted in the outer end of the link and pivoted at its

member, and a brace pivoted at one end to the outer end of the link and pivoted at its opposite end in the first named channel bar.

2. A staging bracket comprising channel bar members pivotally connected together at their inner ends, an angular rod extending from the inner end of one member and in alinement with said member and then at a right angle to the member and then in a plane parallel to that of the member and in a direction away from the same, and bracing means pivotally connected with the members.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

OSCAR L. JOHNSON.

Witnesses:

EMANUEL M. DAVIS,

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