

No. 859,454.

PATENTED JULY 9, 1907.

A. LARSSON.
BRACKET.

APPLICATION FILED MAY 22, 1906.

2 SHEETS—SHEET 1.

Fig. 1.

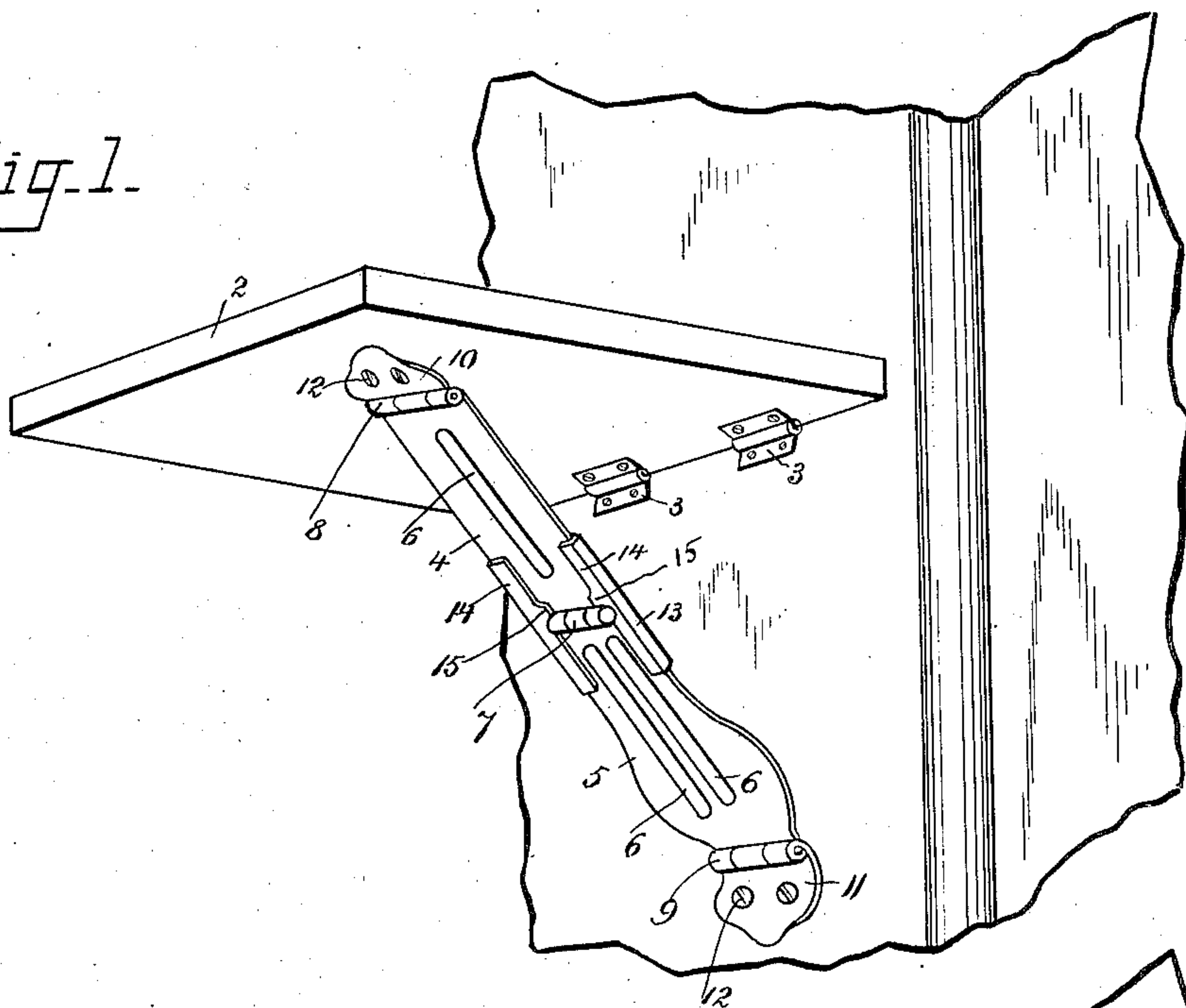
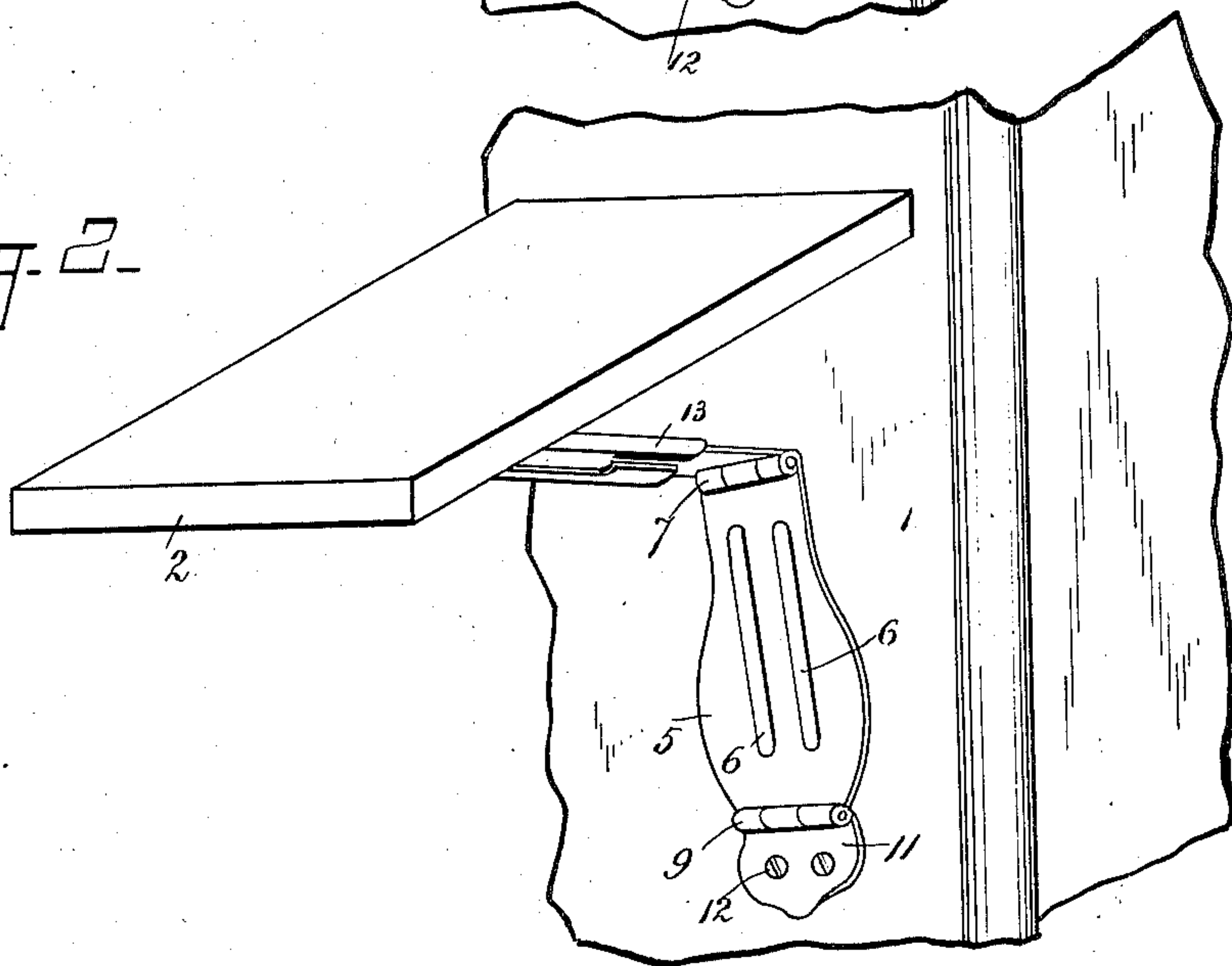


Fig. 2.



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2 SHEETS—SHEET 2.

Fig. 3.

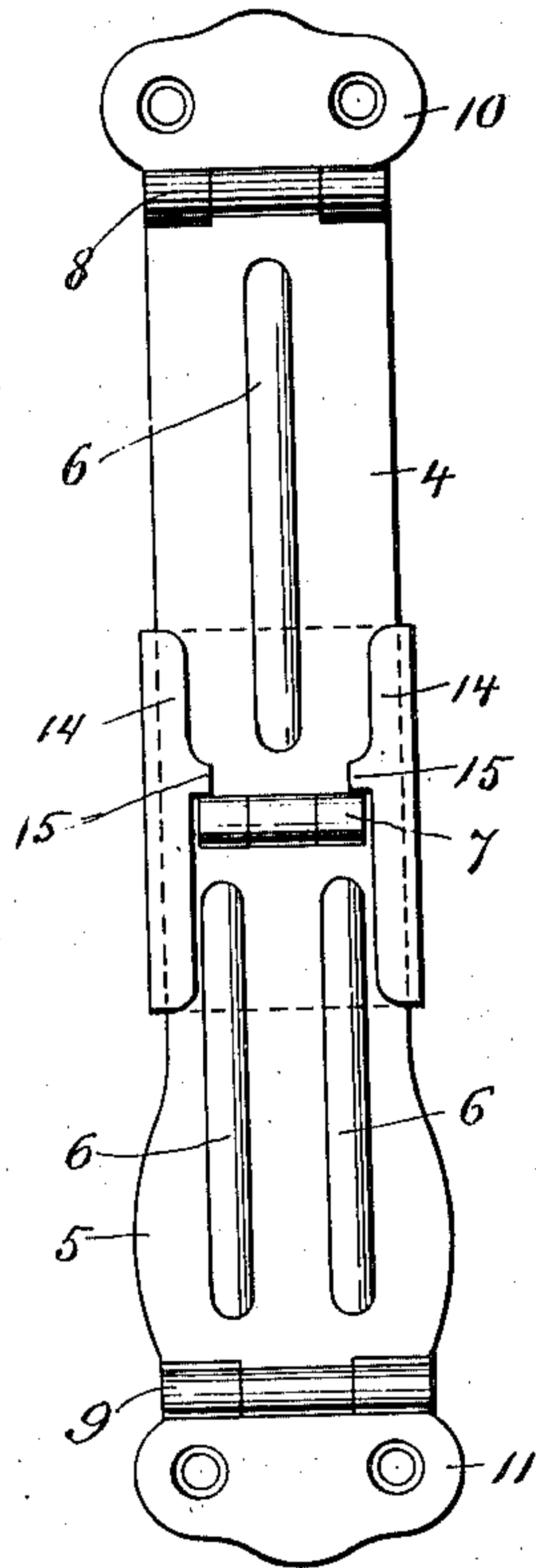


Fig. 4.

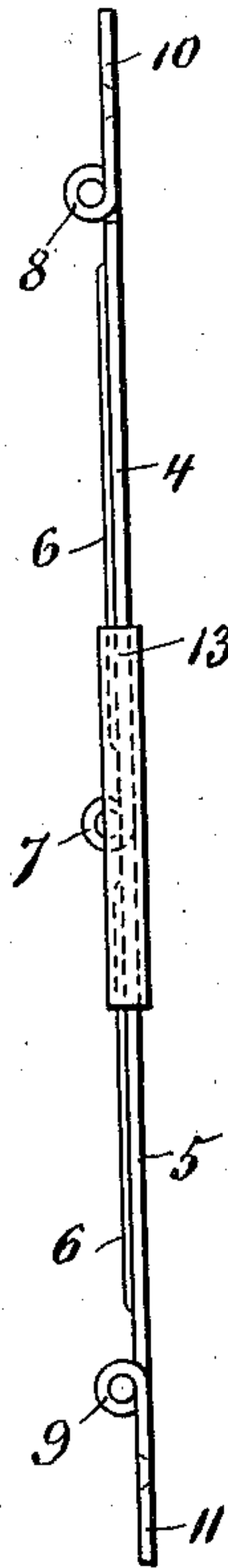
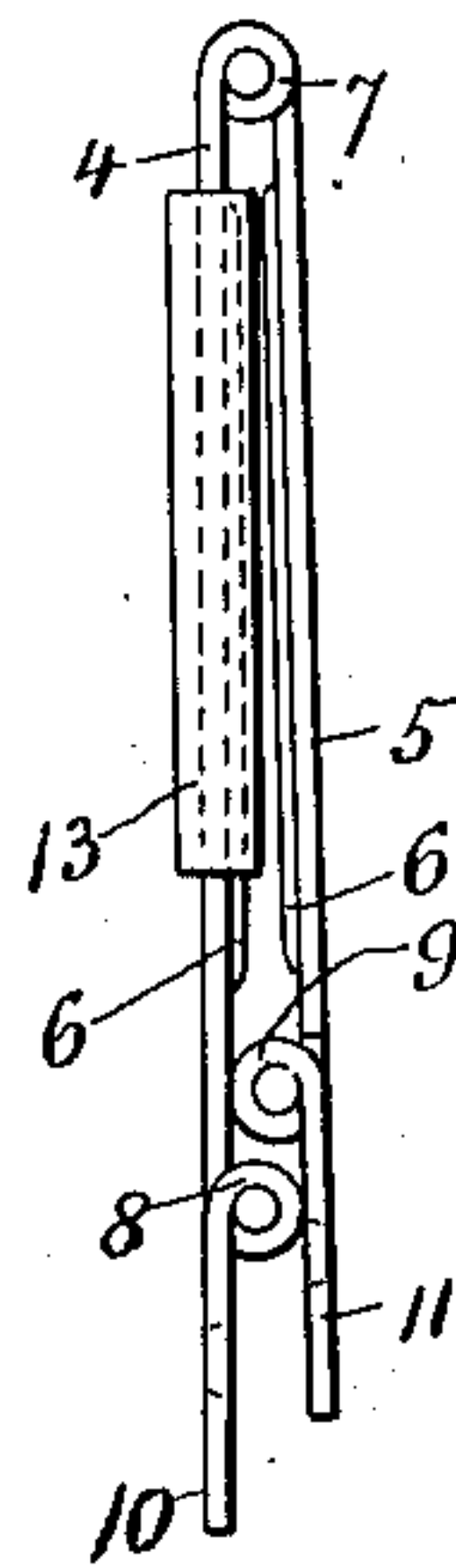


Fig. 5.



WITNESSES

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UNITED STATES PATENT OFFICE.

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No. 859,454.

Specification of Letters Patent.

Patented July 9, 1907.

Application filed May 22, 1906. Serial No. 318,149.

To all whom it may concern:

Be it known that I, ALFRED LARSSON, a subject of the King of Sweden, residing at Buffalo, in the county of Erie, State of New York, have invented certain new and useful Improvements in Brackets, of which the following is a specification.

The present invention relates to collapsible brackets and is of general application where it is desired to support a folding shelf or the like.

I have found the invention to be of especially practical utility in connection with shelves attached to telephone wall sets and have so described the said invention in the following specification.

The invention includes a bracket, composed of a plurality of members hinged together, and means for locking said bracket when in its extended position.

The principal object of the invention is to provide a bracket for a folding shelf which will enable the latter, when collapsed, to lie closely against its support and when the shelf is extended will form a firm base upon which writing or similar work may be performed.

The accompanying drawing illustrates the preferred form of my invention and therein,

Figure 1, is a perspective view of a portion of a telephone case having a shelf attached thereto in an extended position. Fig. 2, is a view similar to Fig. 1 showing the shelf partially closed down. Fig. 3, is a front view of the bracket entirely extended. Fig. 4, is a side elevational view of the bracket in an extended position and Fig. 5, is a side elevational view of the bracket folded together.

A detailed description of the invention will now be given with the aid of the accompanying drawings wherein 1, designates a suitable support such as the casing of a telephone wall set to which the shelf 2 is movably attached, preferably by means of hinges 3. The bracket designed to support the shelf in an extended position comprises an upper arm 4 and a lower arm 5 each having one or more strengthening ribs 6 struck up from the material of which the arms are made. The arms 4 and 5 are joined as by a hinge 7, and each carries at its free end one member of a hinge 8 or 9 the

other member of each hinge being fastened to a plate 10 or 11 which plates are held by screws 12 to the shelf 2 and support 1 respectively. Arranged to reciprocate upon the arms 4 and 5 is a slidable retaining member 13 having inturned flanges 14 which are extended to form abutments 15. Although the locking member may be in any form which will permit it readily to move, up and down upon the arms 4 and 5, I find the construction herein illustrated the preferred one and best adapted to give satisfactory service in operation.

The operation of the device will be readily understood from the foregoing description and accompanying drawing.

Assuming that the shelf lies against the case 1 and it is desired to use the shelf, the latter is lifted to its horizontal or extended position thus opening out the bracket which may then be locked by pushing the locking member 13 downward until its body spans the edges of the arms 4 and 5, adjacent the hinge 7. The member 13 is prevented from descending too far and releasing the hinge by the abutments 15 resting against the protruding hinge 7.

When the shelf is to be collapsed the locking member 13 is moved upwardly until it is free of the edges of the arms and the shelf 2 is given a slightly downward push until it falls by gravity and rests against casing 1.

Having thus described my invention what I claim as new and desire to secure by Letters Patent is:—

In a device of the character described, the combination of a support, a shelf hinged thereto, a bracket designed to support said shelf, said bracket comprising a pair of arms hinged at the middle, means for holding said bracket in an extended position comprising a member slidably mounted upon said arms and having inturned flanges and means for preventing said sliding member from descending too far upon the arms, said means comprising abutments formed upon the flanges and designed to rest against the hinge uniting the arms.

In testimony whereof I have affixed my signature in presence of two witnesses.

ALFRED LARSSON.

Witnesses:

CARL H. SMITH,
HENRY J. DRAKE.