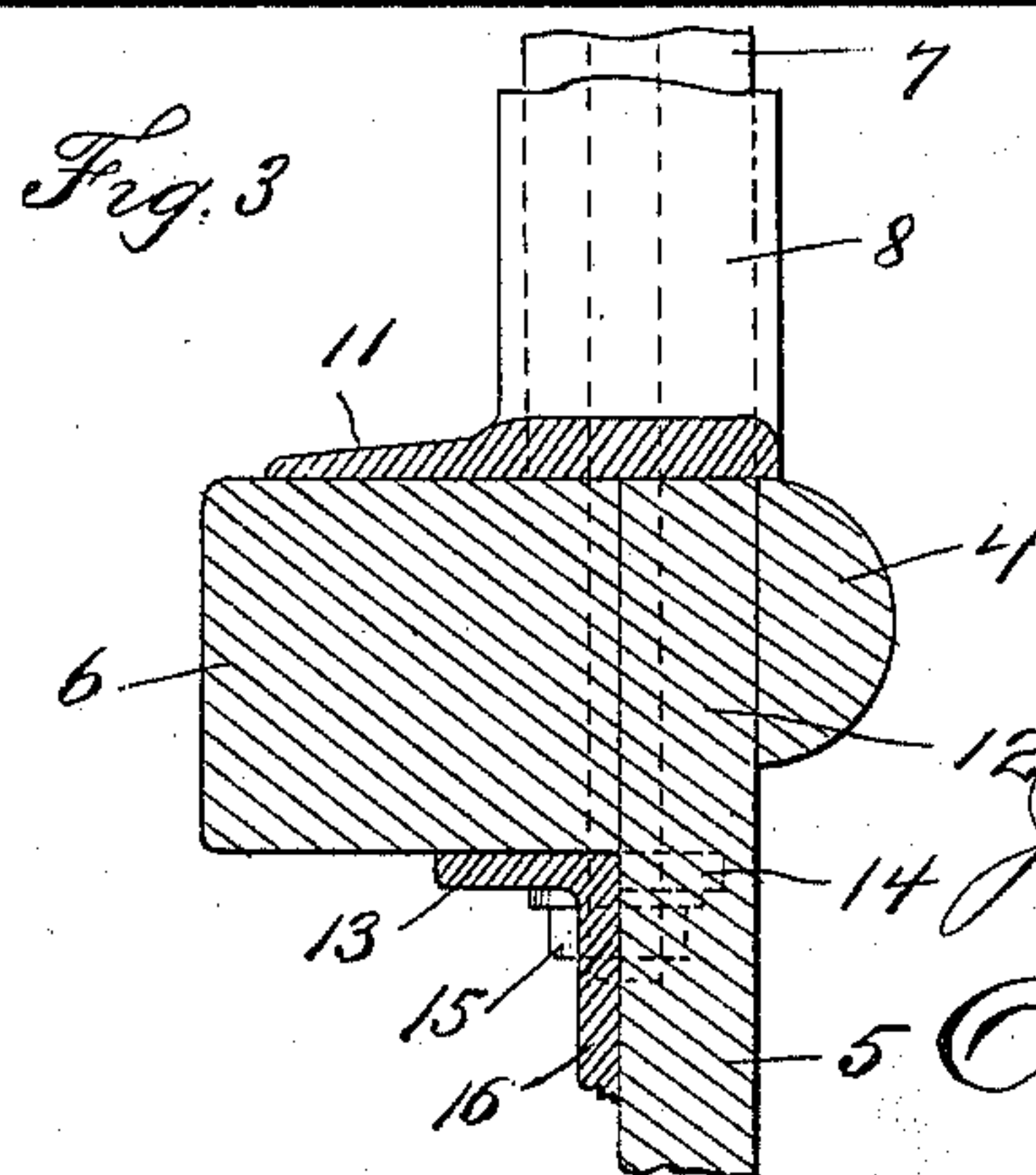
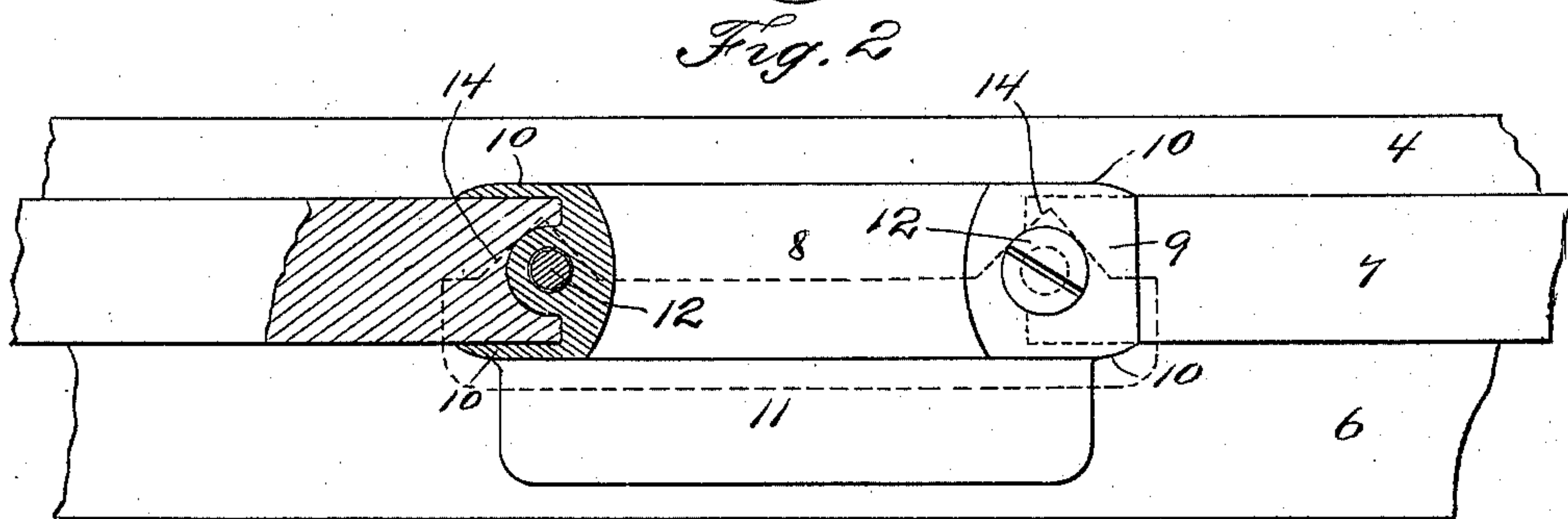
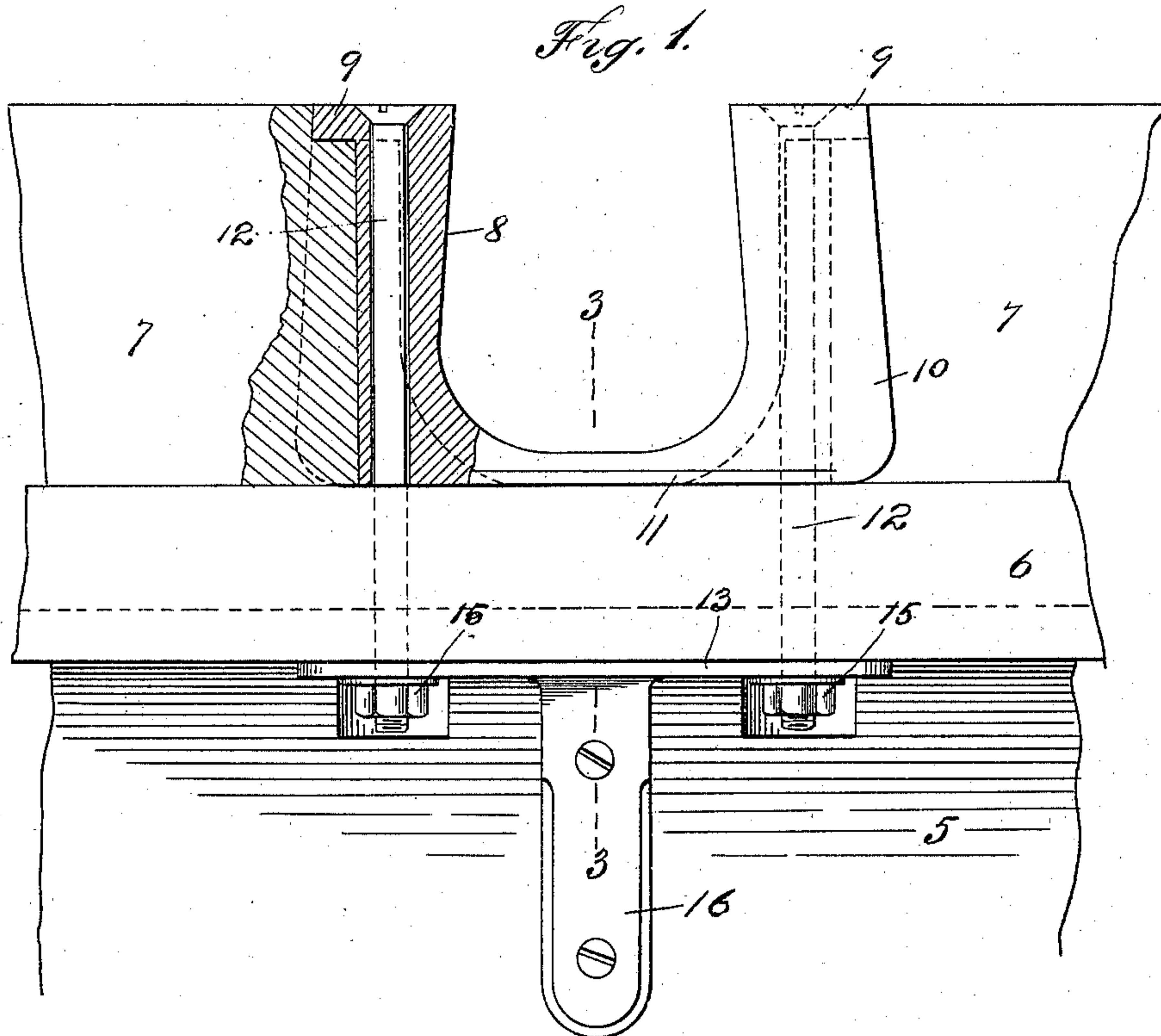


(No Model.)

J. J. CONNELL.  
ROWLOCK.

No. 598,595.

Patented Feb. 8, 1898.



WITNESSES:

*C. Vordyos*  
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ATTORNEYS.



# UNITED STATES PATENT OFFICE.

JEPHSON JOSEPH CONNELL, OF BROOKLYN, NEW YORK.

## ROWLOCK.

SPECIFICATION forming part of Letters Patent No. 598,595, dated February 8, 1898.

Application filed September 27, 1897. Serial No. 653,250. (No model.)

*To all whom it may concern:*

Be it known that I, JEPHSON JOSEPH CONNELL, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Rowlocks, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to rowlocks for row-boats; and the object thereof is to provide an improved device of this class which is simple in construction and operation and provided with improved means for securing it to the gunwale of a boat.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

Figure 1 is a sectional side view of a part of one side of a boat and showing my improved rowlock connected therewith, part of the construction being shown in section; Fig. 2, a plan view thereof, part of the construction being shown in section; and Fig. 3, a section on the line 3 3 of Fig. 1.

In the drawings forming part of this specification the separate parts of my improvement are designated by the same numerals of reference in each of the views, and in said drawings I have shown at 5 a part of the side of a boat, at 6 the gunwale thereof, and at 7 the wash-strip, and these parts run the full length of each side of the boat, as will be readily understood, and placed outside of the top of the boat is the usual molding-strip 4.

My improved rowlock is U-shaped in form, as shown at 8, and is countersunk in the wash-strip 7, and the sides thereof are provided at the top with outwardly-directed flanges 9, countersunk in the top of the wash-strip 7, and the sides of the rowlock are also provided with flanges 10, which inclose the part 7 adjacent thereto, and the base of the rowlock rests upon the gunwale 6 and is provided with an outwardly-directed flange or plate 11 at the bottom thereof, and in practice the rowlock is secured in place by bolts 12, which are passed downwardly through the separate sides of the rowlock and through the gunwale 6, and beneath the gunwale 6 is a plate 13, which is provided at each end with

backwardly-directed projections 14, through which the bolts 12 pass, and said bolts are provided at their lower ends with nuts 15, by means of which the rowlock is firmly held in position.

My improved rowlock is preferably composed of brass, which is cast in the proper form; but the same may be made of any desired metal, and the plate 13, which is placed below the gunwale 6, is provided with a downwardly-directed flange or plate 16, which is screwed or bolted to the side 5 of the boat.

The lower ends of the bolts 5 and the nuts 15, together with the backwardly-directed projections 14 of the plate 13, are countersunk in the side of the boat, and it will be apparent that changes in and modifications of the construction herein described may be made without departing from the spirit of my invention or sacrificing its advantages.

Having fully described my invention, I claim as new and desire to secure by Letters Patent—

1. A boat provided with the usual gunwale and wash-strip, and a rowlock which is U-shaped in form and set into said wash-strip so as to rest upon the gunwale, the sides of the rowlock being provided with flanges which overlap the wash-strip and with bolts which pass downwardly therethrough and through the gunwale, substantially as shown and described.

2. A boat provided with the usual gunwale and wash-strip, and a rowlock which is U-shaped in form and set into said wash-strip so as to rest upon the gunwale, the sides of the rowlock being provided with flanges which overlap the wash-strip and with bolts which pass downwardly therethrough and through the gunwale, and a plate which is placed beneath the gunwale and through which said bolts also pass, substantially as shown and described.

3. A rowlock for boats constructed as herein described, said rowlock being U-shaped in form, and the sides thereof being provided with outwardly-directed flanges and with bolts which pass vertically therethrough whereby said rowlock may be secured to the wash-strip and gunwale of the boat, substantially as shown and described.

4. The combination with the usual gunwale

and wash-strip of a boat, of rowlocks which  
are U-shaped in form and countersunk in the  
wash-strip, the sides of the rowlocks being  
provided with vertical bolts which pass there-  
5 through, and by means of which they are se-  
cured to the gunwale, substantially as shown  
and described.

In testimony that I claim the foregoing as

my invention I have signed my name, in pres-  
ence of the subscribing witnesses, this 24th 10  
day of September, 1897.

JEPHSON JOSEPH CONNELL.

Witnesses:

C. GERST,

A. C. VAN BLARCOM.