

(No Model.)

2 Sheets—Sheet 1.

T. M. JENKINS.
SOCKET FOR CHECKING POSTS.

No. 545,231.

Patented Aug. 27, 1895.

Fig. 1.

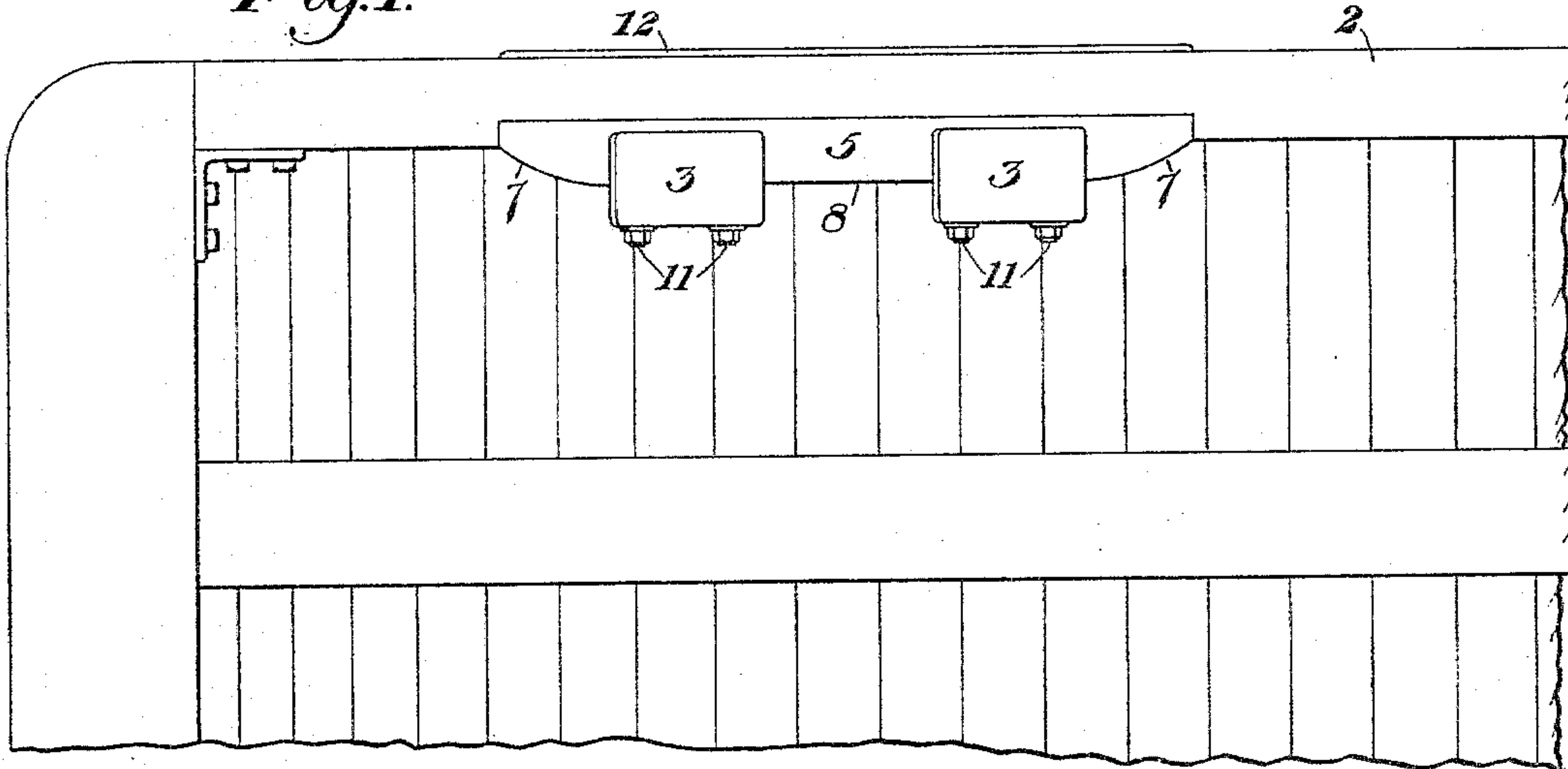
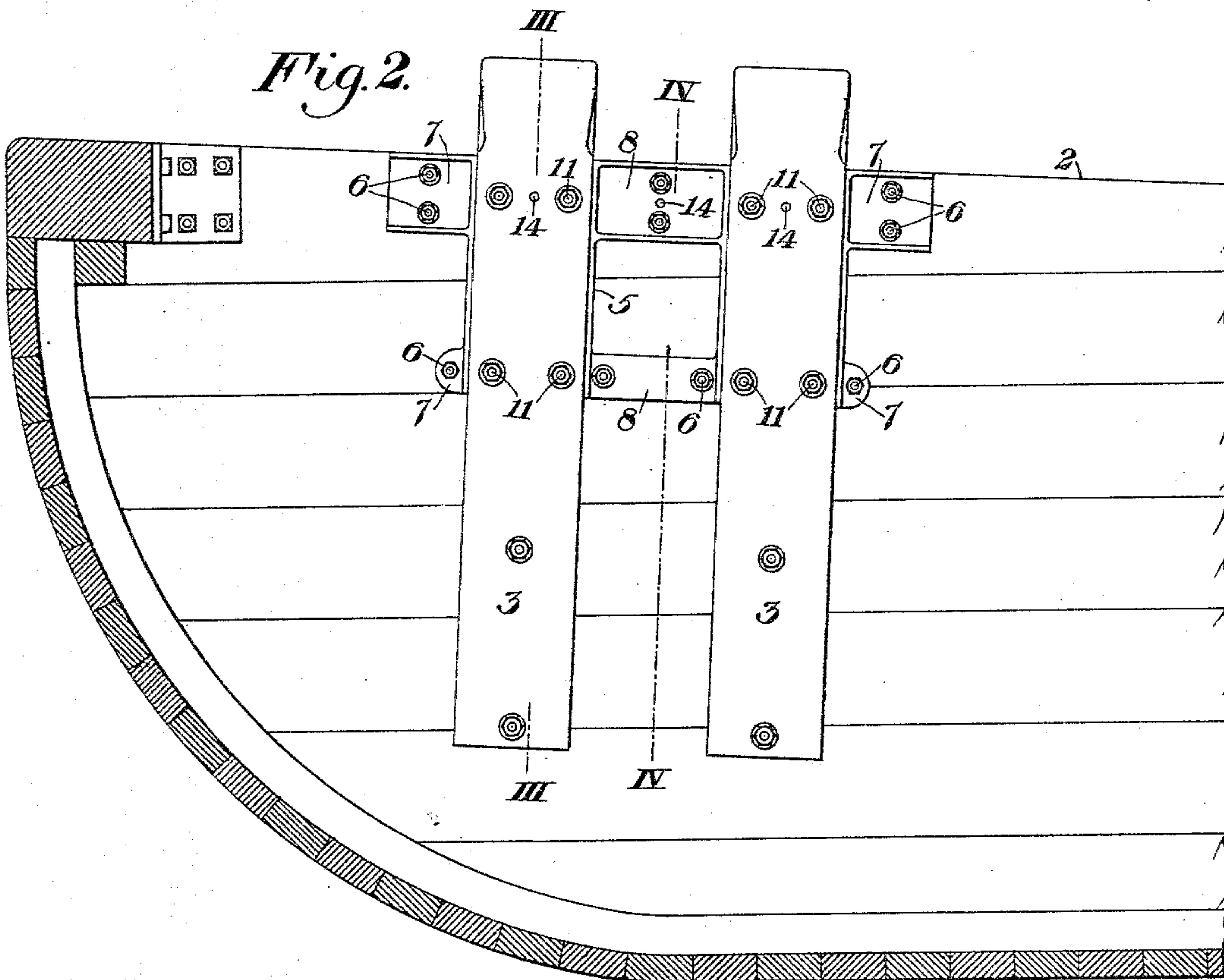


Fig. 2.



WITNESSES

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2 Sheets—Sheet 2.

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Fig. 6.



Fig. 5.

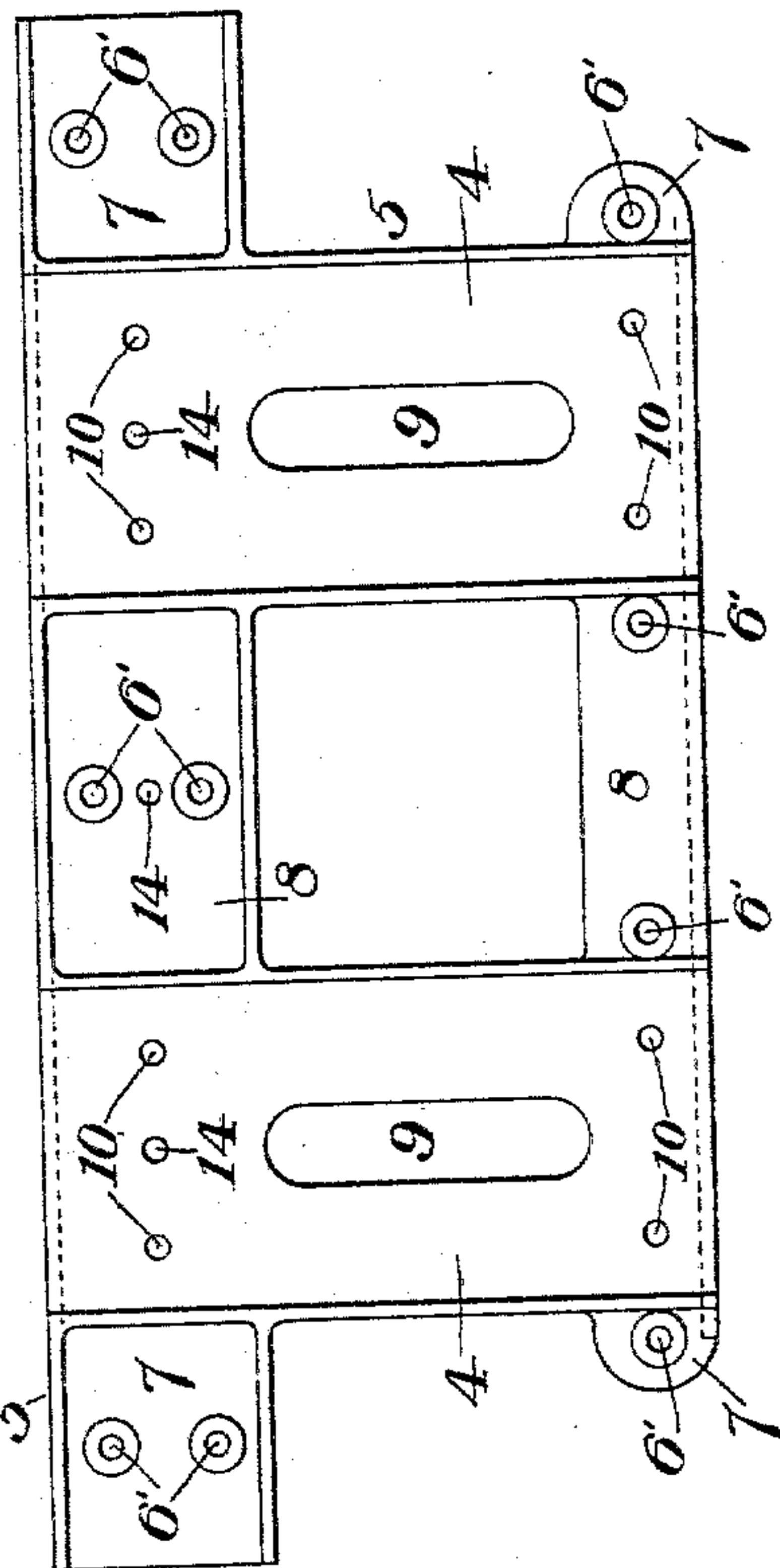


Fig. 7.

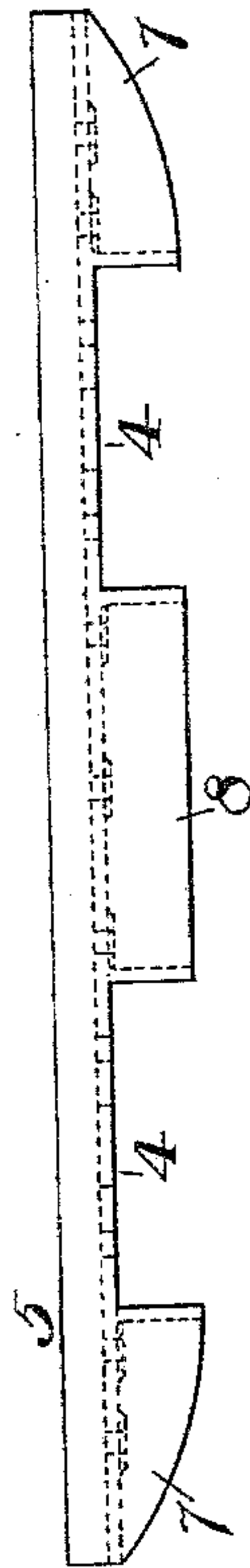


Fig. 4.

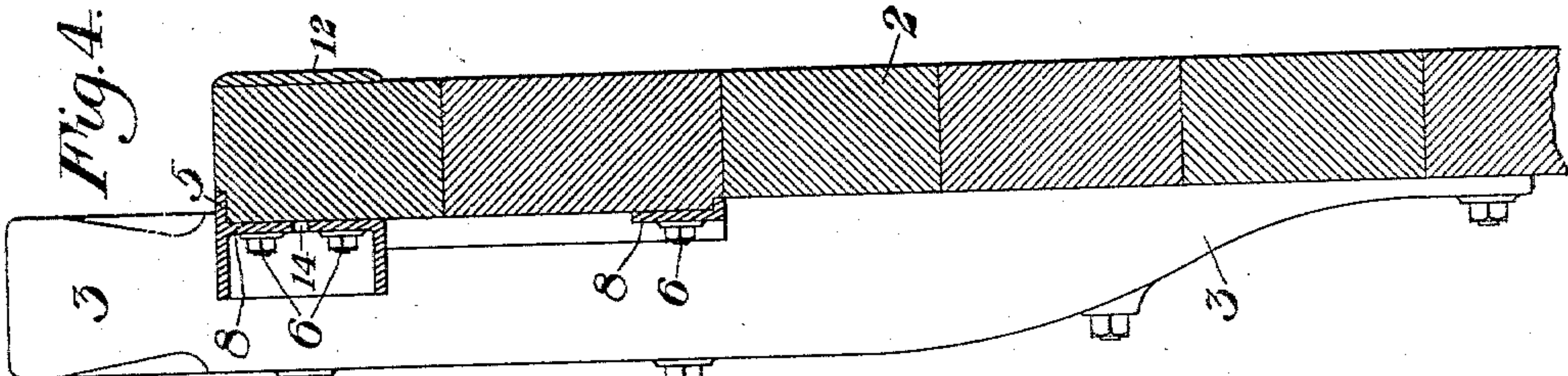
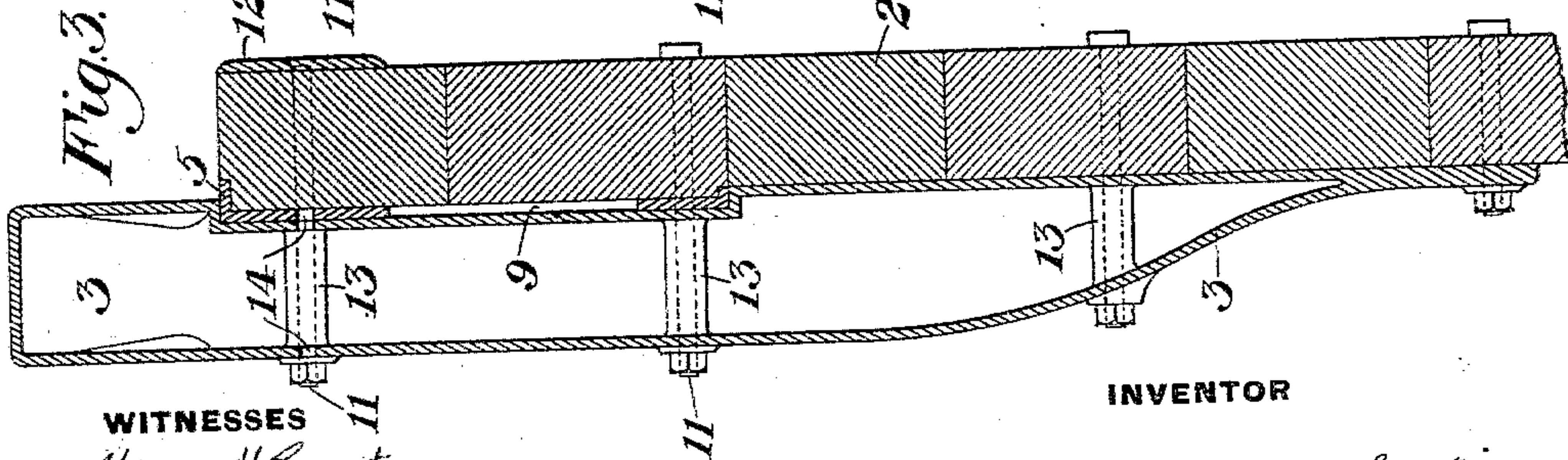


Fig. 3.



WITNESSES

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UNITED STATES PATENT OFFICE.

THOMAS M. JENKINS, OF PITTSBURG, PENNSYLVANIA.

SOCKET FOR CHECKING-POSTS.

SPECIFICATION forming part of Letters Patent No. 545,231, dated August 27, 1895.

Application filed November 5, 1894. Serial No. 528,000. (No model.)

To all whom it may concern:

Be it known that I, THOMAS M. JENKINS, of Pittsburgh, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Sockets for Checking-Posts, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, in which—

Figure 1 is a top plan view of a portion of a barge provided with my improved checking-post socket. Fig. 2 is a longitudinal vertical section through the barge, showing the socket and posts in position. Figs. 3 and 4 are cross-sections on the lines III III and IV IV, respectively, of Fig. 2. Figs. 5 and 6 are front and end elevations of the socket, and Fig. 7 is a top plan view of the same.

My invention relates to the checking-posts of barges and other vessels, and is designed to afford a socket for these posts by the use of which the life of the boat is made longer and the posts are held in place more securely, rendering the boat safer and easier to repair.

In the drawings, 2 indicates the side or gunwale of a barge which is provided with the checking-posts 3. These posts are not bolted directly to the gunwale, as formerly, but fit snugly within the recesses or sockets 4 of a socket-plate 5, which is secured to the gunwale by bolts 6, passing through holes 6' in lateral flanges 7 and through intermediate web portions 8, connecting the two sockets. The sockets are slotted, as shown at 9, to make them lighter, and are provided with bolt-holes 10 for bolts 11, passing through them and through the posts 3. These posts are shown as formed of iron castings, each having a rear recess, into which the socket-plate fits, as shown in Fig. 3. They may, however, be made of wood or any other suitable material.

To further strengthen the gunwale and prevent the loosening of the bolts I provide the outside plate 12, in countersunk holes of which rest the heads of the upper bolts. If an iron post is used, it is preferably cast hollow, as shown, with tubular sleeves 13, through which the securing-bolts pass, this post being inwardly curved at its lower end, as shown in

Figs. 3 and 4. Holes 14 are preferably made in the plate, through which pass cross-rods, which extend through both gunwales and strengthen the barge.

The advantages of my invention will be apparent to those skilled in the art, since the pulling strain upon the post is distributed over the gunwale and the post is not so liable to be pulled loose. The fastening-bolts, moreover, do not wear holes in the barge, causing leakage, and the whole end of the barge, which is sometimes pulled off by the immense strain thereon, is greatly strengthened.

The socket-plate may be made much narrower, leaving off the lower web or connecting-strip and the lower parts of the sockets, and many other changes in the form and arrangement of the parts may be made without departure from my invention, since

What I claim is—

1. A vessel having a gunwale provided with an open-faced socket having side flanges bolted to the gunwale, and a checking-post rigidly secured in the open face by bolts passing through the socket and post, the lower portion of the post being secured directly to the side of the vessel, substantially as described.

2. A vessel having an open-faced socket secured to the inner face of its gunwale, a protecting plate upon the outer face of the gunwale, and a checking-post secured within the socket by bolts passing through the outer plate, substantially as described.

3. A vessel having a gunwale provided with an open-faced socket having side flanges bolted to the gunwale, and a checking post having a rear recess to receive the socket and rigidly secured within its open face by bolts passing through the socket and post, the lower portion of the post being secured directly to the side of the vessel; substantially as described.

In testimony whereof I have hereunto set my hand.

THOMAS M. JENKINS.

Witnesses:

W. B. CORWIN,
H. M. CORWIN.