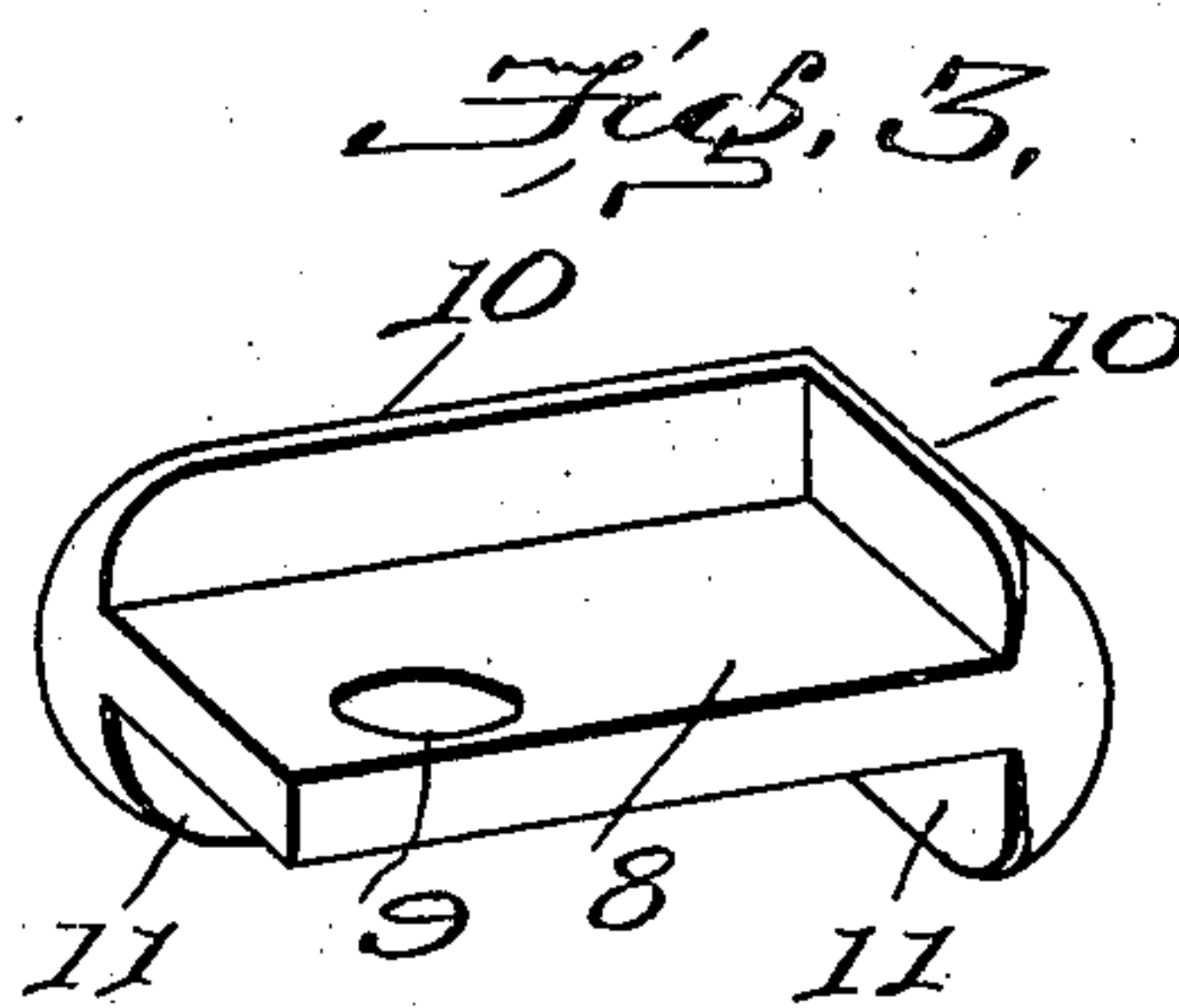
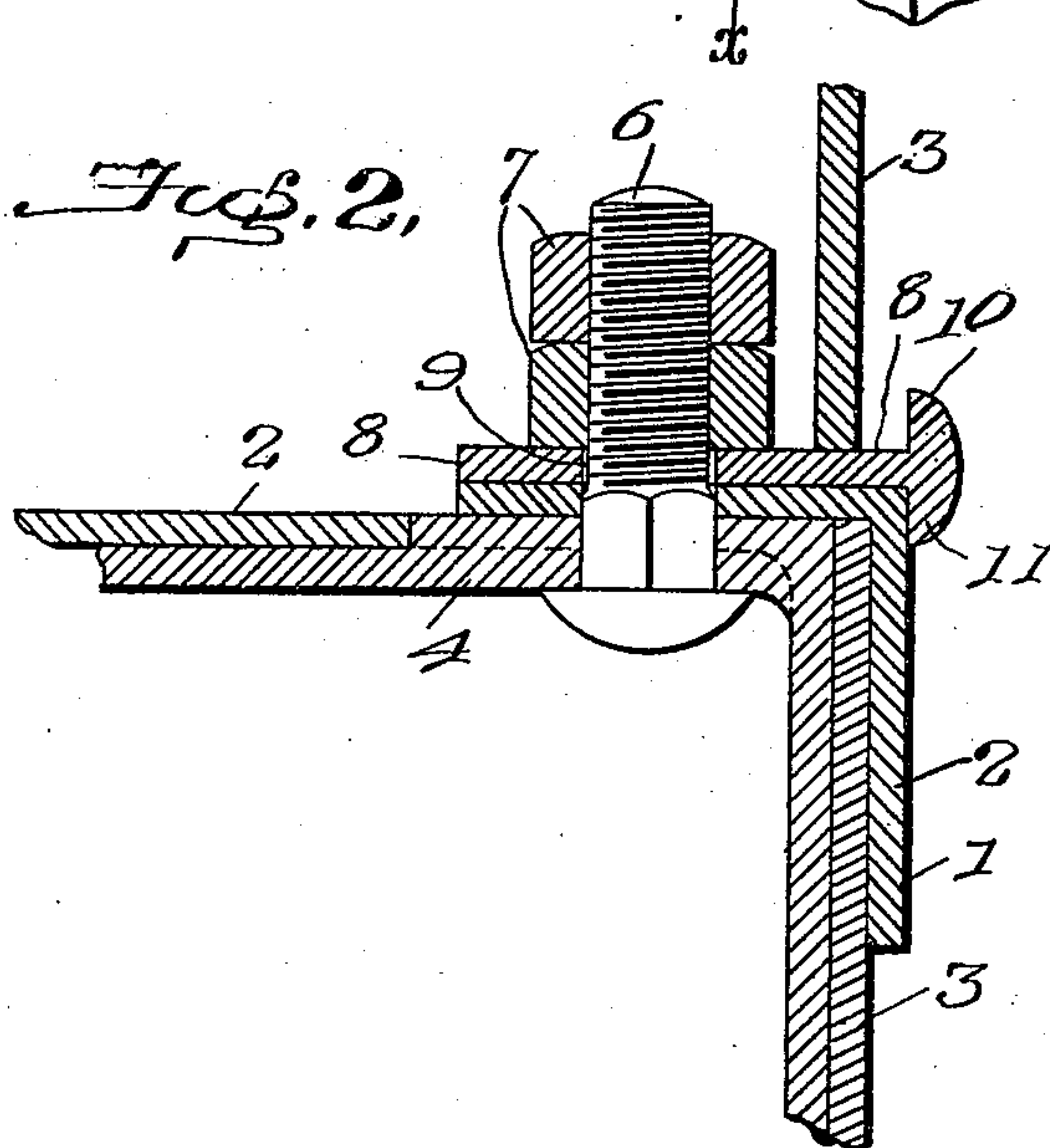
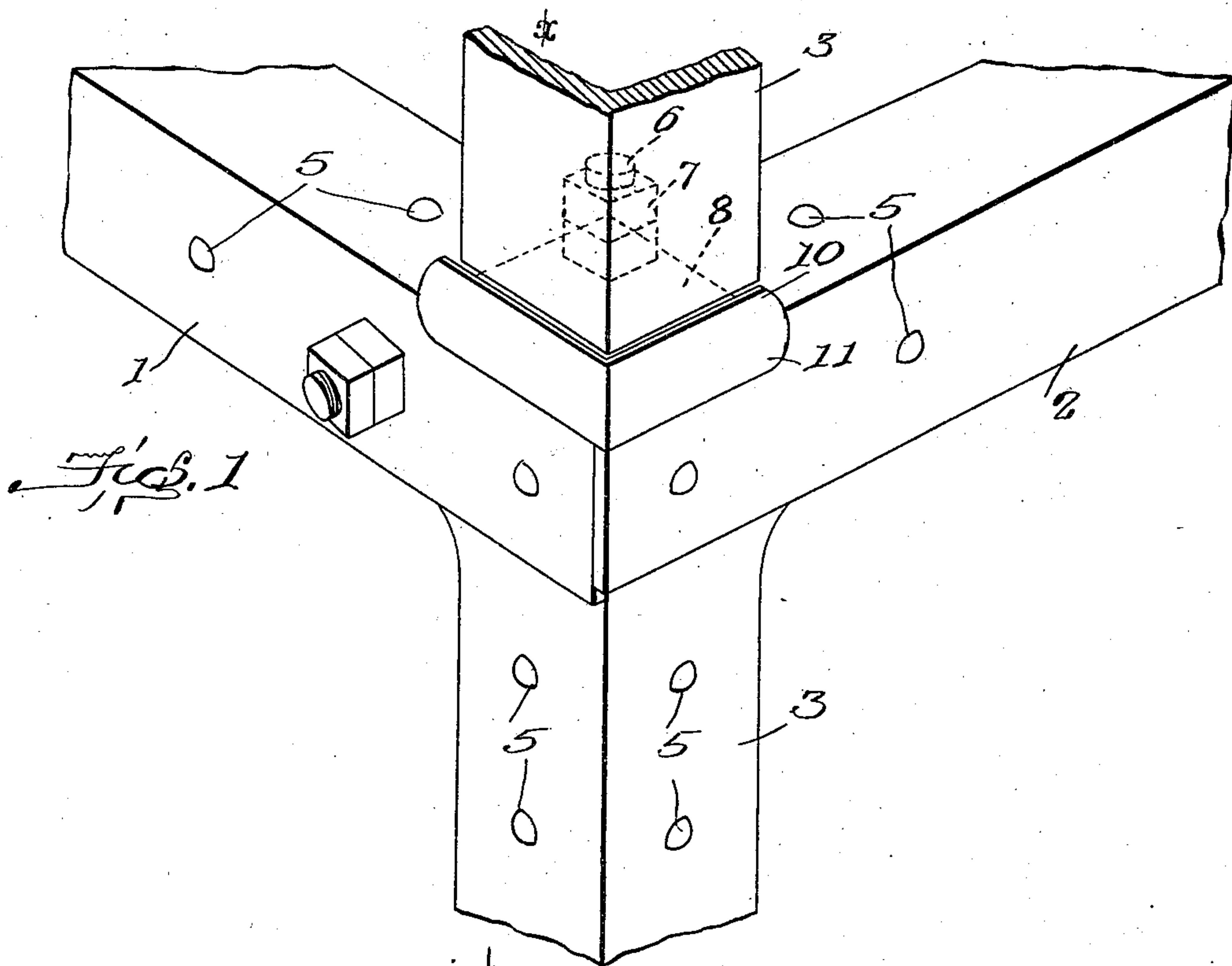


No. 896,085.

PATENTED AUG. 18, 1908.

S. M. CHASE.
CORNER SOCKET.

APPLICATION FILED SEPT. 3, 1907.



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SHERWOOD M. CHASE, OF COLUMBUS, OHIO, ASSIGNOR TO THE CHASE FOUNDRY AND MANUFACTURING COMPANY, OF COLUMBUS, OHIO, A CORPORATION OF OHIO.

CORNER-SOCKET.

No. 896,085.

Specification of Letters Patent.

Patented Aug. 18, 1908.

Application filed September 3, 1907. Serial No. 391,067.

To all whom it may concern:

Be it known that I, SHERWOOD M. CHASE, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Corner-Sockets, of which the following is a specification, reference being had therein to the accompanying drawings.

10 The present invention relates to corner sockets, and is designed more particularly for use in connection with multiple deck trucks. In trucks of this character the legs or supports for the superimposed decks rest upon the lower deck near the corners thereof and are held against lateral movement by projections from the lower deck engaging the inner sides of the legs or supports. As there is such a projection inside each of the four legs, under normal conditions the superimposed deck is held against lateral movement, but when a heavy load is placed upon the deck and particularly if it is massed near the center thereof, the inclination is to spread the legs, causing the lower ends thereof to slip over the corners of the lower deck.

20 The object of the present invention is to provide means for preventing this spreading of the legs of the superimposed deck, which means can be readily attached to the lower deck; which will be interchangeable so that it can be placed upon any corner of that deck; and which will be provided with means for holding the same against movement relatively to the supporting deck.

35 With these objects in view my invention consists in certain novel features of construction to be hereinafter described, and then more fully pointed out in the claims.

40 In the accompanying drawings, Figure 1 is a perspective view of one corner of a truck showing my invention applied thereto; Fig. 2 is a vertical sectional view on the line $x x$ of Fig. 1; and Fig. 3 is a detail view of the corner socket.

45 In these drawings I have illustrated the preferred form of my invention, in which the socket is shown as applied to the corner of a portable deck for a truck constructed according to a known design and consisting of side and end members 1 and 2 provided with a support or leg 3, the adjoining ends of these members overlapping and being united by a three arm bracket 4 which is secured thereto by suitable rivets 5. As here shown, the side

and end members, as well as the supporting member, are made of angle iron, the lower end of the angular leg or support resting upon the corner formed at the intersection of the side and end members of the deck below. A bolt 6 extends upwardly through the connecting bracket and the horizontal portions of the end and side members and projects beyond the upper side thereof where it is provided with a suitable nut 7 and forms a projection adapted to extend between the two members of the angular support and retain the same against movement towards the interior of the deck, and, as one of these projections engages each of the four supports or legs, it will be evident that the superimposed deck is held against all lateral movement. The construction of the deck and the corner bracket is such that the bolt 6 extends through the same slightly out of the central line, that is, it is located further from the end wall than it is from the side wall, or vice versa.

50 In order to overcome the tendency of the legs 3 of the superimposed deck to spread when a heavy load is placed upon that deck, I provide the lower deck at each corner with a socket comprising a plate 8 suitably secured to the corner, as by providing an aperture 9 therein engaging the bolt 6 beneath the nut 7. This plate 8 is provided with suitable projections, such as the upwardly extending flanges 10 extending from adjoining sides thereof which are adapted to engage the lower ends of the legs of the superimposed deck and retain the same against outward movement. Inasmuch as the projection or bolt 6 is not centrally arranged relatively to the side and end members, it will be apparent that the plate 8, the aperture of which is adapted to engage the projection at the right hand corner of one end of the deck, would not so fit the left hand corner of that end as to bring the aperture 9 into proper engagement with the projection, thus making it necessary in setting up these decks to fit each socket to the corner to which it is to be applied, the process consuming a considerable amount of time and rendering necessary the manufacture of at least two forms of sockets. To overcome this difficulty and inconvenience I provide the plate 8 with downwardly extending flanges 11 extending in a direction opposite to the flanges 10 and constructed similar thereto, thus making it possible to

apply the plate 8 to any corner of the deck, as the simple reversing of the same will cause it to fit either a right or a left hand corner. Further, the downwardly extending projection serves as a guiding member to hold the plate against movement about its pivotal center formed by the engagement of the same with the projection.

Thus, it will be seen that I have provided a corner socket which can be readily attached to any corner of a truck deck and which is provided with means not only to prevent the outward movement of the legs of the superimposed deck, but also with means to prevent the movement of the corner socket relatively to the deck, and that the socket is reversible to fit the opposite corners of the deck and that, when so reversed, the functions of the retaining members and the guide members are reversed, the members, which, in the first position, served to retain the legs of the superimposed deck against outward movement, serving in the second position as guide members to hold the socket itself against movement, and vice versa.

I wish it to be understood that I do not desire to be limited to the exact details of construction shown and described, for obvious modifications will occur to a person skilled in the art.

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

1. The combination, with a supporting member, and a member to be supported, of a reversible plate having two adjoining outer

edges provided with projections extending from the opposite sides thereof, the projection on each side being adapted to serve either as a guide member adapted to engage said supporting member and hold said plate in position or as a retaining member adapted to engage said member to be supported and retain the same against outward movement, and means for securing said plate to said supporting member.

2. The combination, with a supporting member having an upwardly extending projection, and a member to be supported, of a reversible plate having an aperture adapted to engage said projection and provided with guide members adapted to engage said supporting member and hold said plate in position, and retaining members adapted to engage said member to be supported and retain the same against outward movement.

3. The combination, with a supporting member having an upwardly extending projection, and a member to be supported, of a plate having an aperture adapted to engage said projection and having two adjoining outer edges thereof provided with upwardly extending flanges adapted to engage said member to be supported and retain the same against outward movement.

In testimony whereof, I affix my signature in presence of two witnesses.

SHERWOOD M. CHASE.

Witnesses:

A. L. BRUEGGEMAN,
GEO. G. MERRING.