

No. 880,243.

PATENTED FEB. 25, 1908.

G. S. ROMINGER.

VAT SUPPORT.

APPLICATION FILED OCT. 11, 1906.

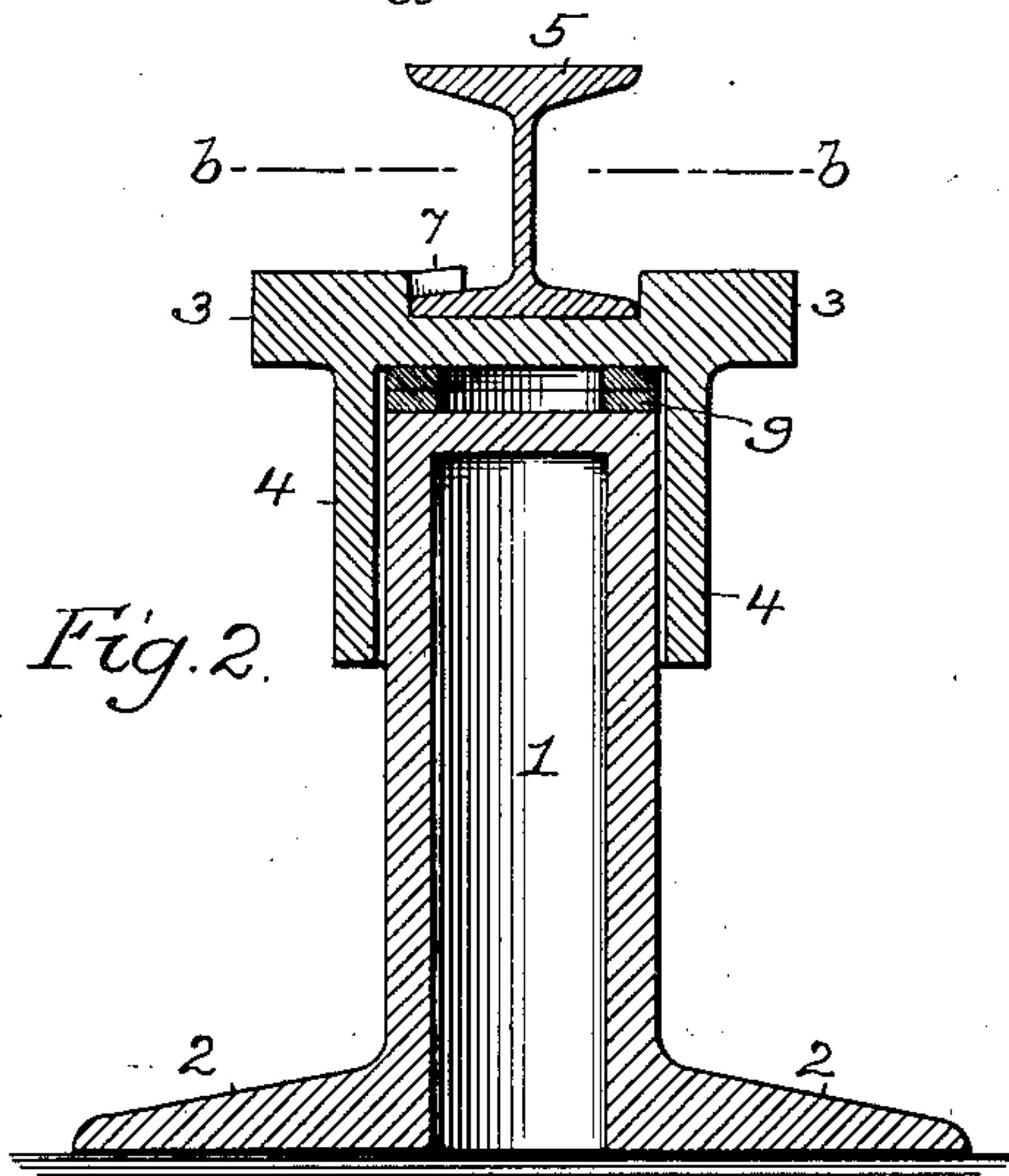
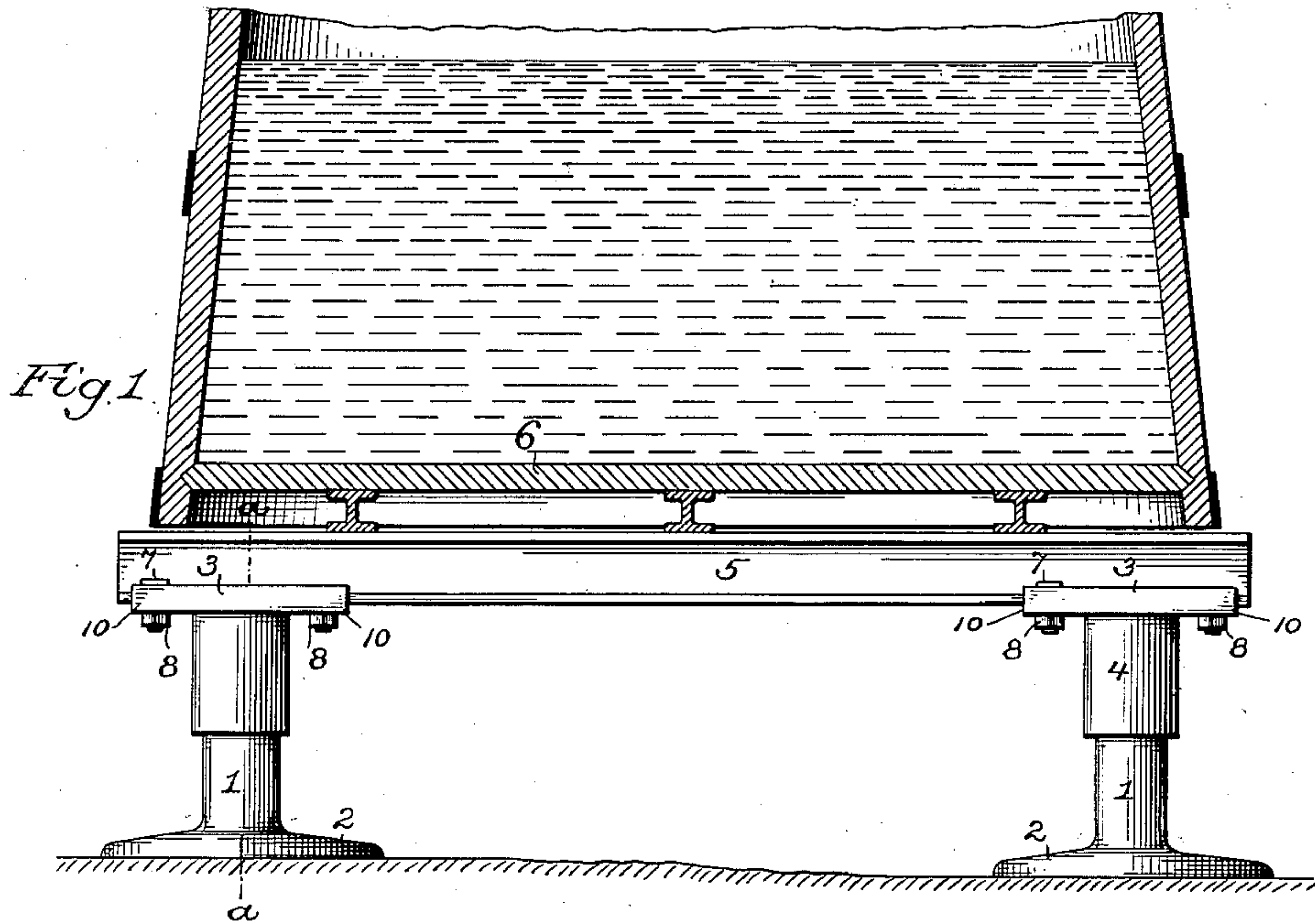


Fig. 3.

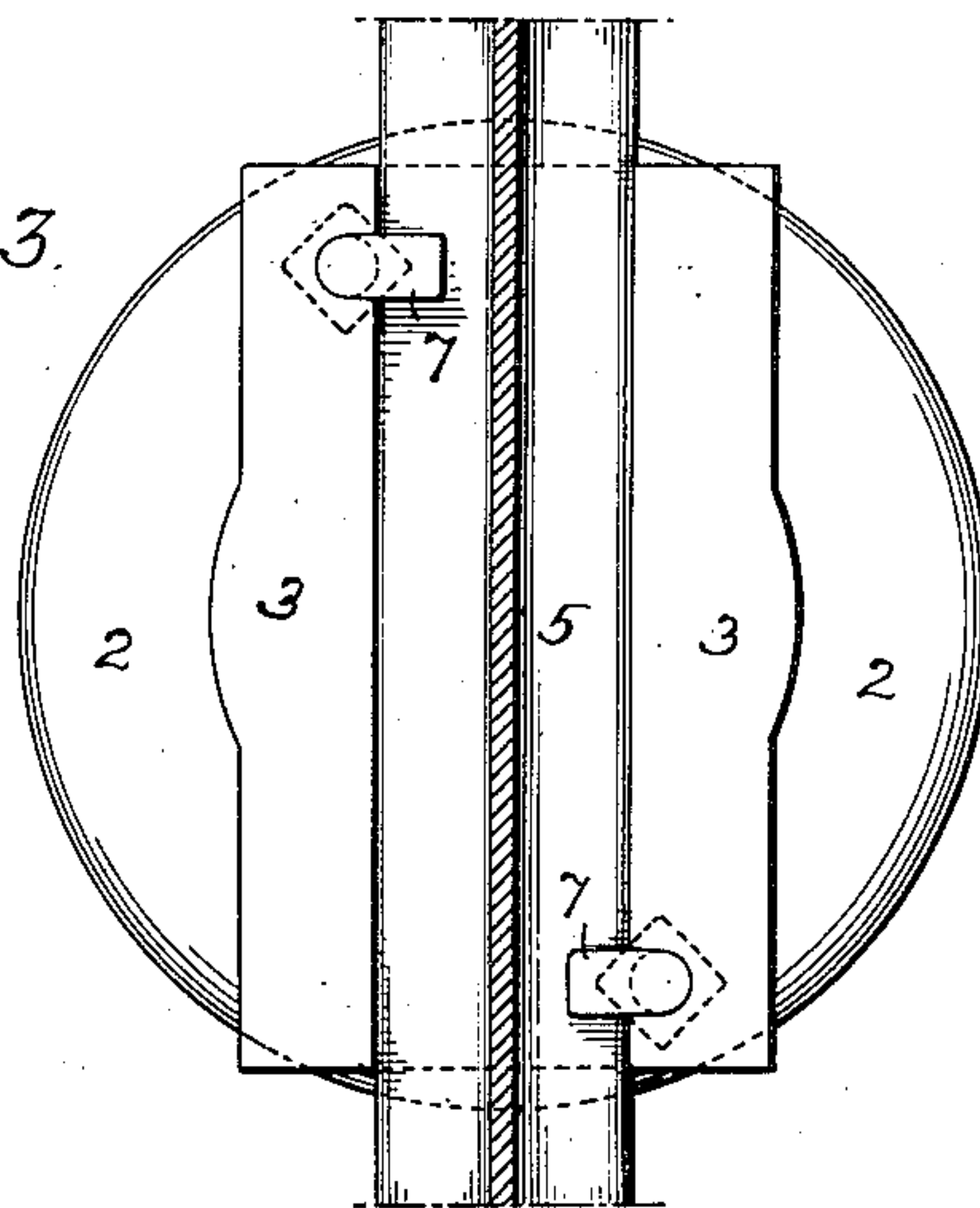
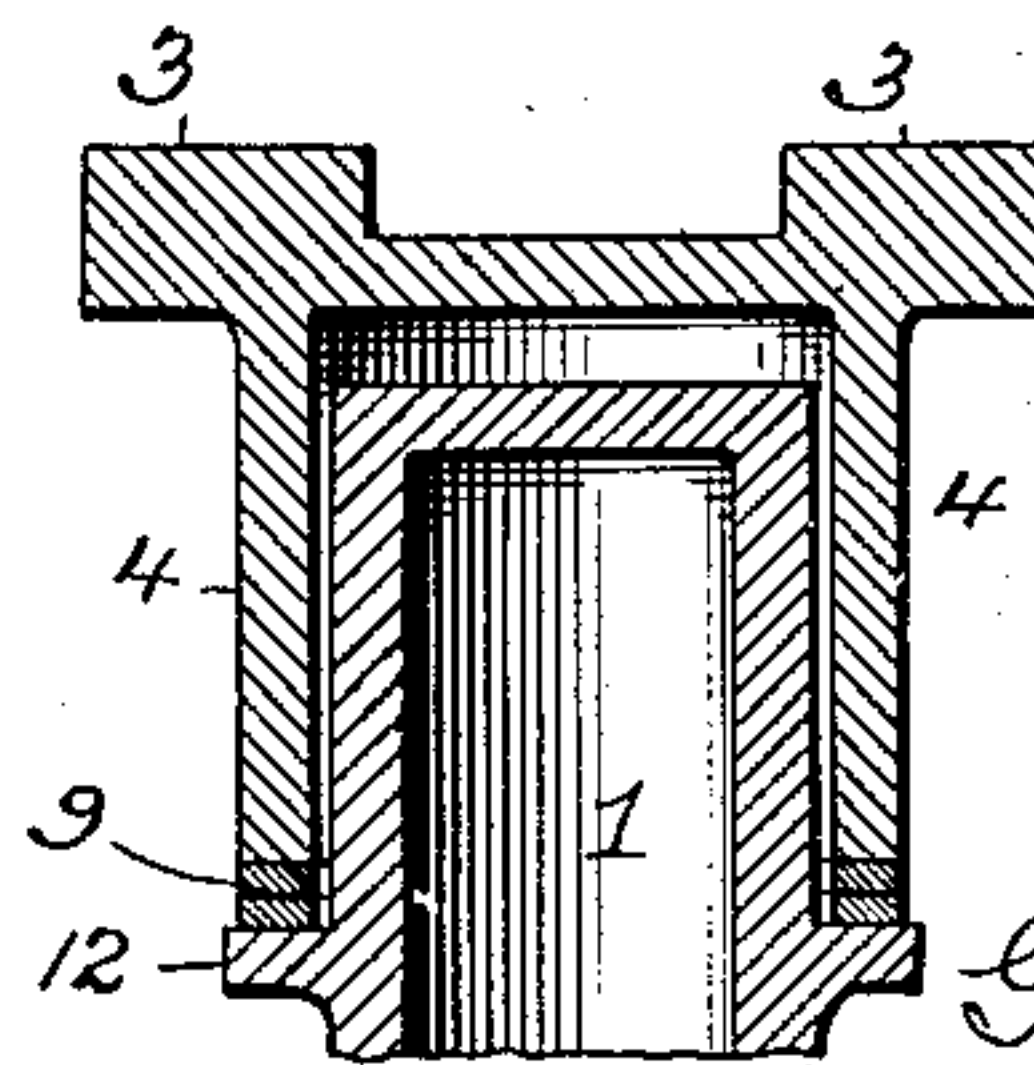


Fig. 4.



Witnesses
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GEORGE S. ROMINGER, OF PHILADELPHIA, PENNSYLVANIA.

VAT-SUPPORT.

No. 880,243.

Specification of Letters Patent.

Patented Feb. 25, 1908.

Application filed October 11, 1906. Serial No. 338,518.

To all whom it may concern:

Be it known that I, GEORGE S. ROMINGER, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain Improvements in Vat-Supports, of which the following is a specification.

The object of my invention is to so construct a support for vats or tanks that the latter may be maintained in a level position whether the floor is level or not. This object I attain in the manner hereinafter set forth, reference being had to the accompanying drawing, in which

Figure 1 is a view showing a vertical section of the lower portion of the vat or tank, and, in side elevation a support therefor constructed in accordance with my invention, and illustrating how the vat is supported in a level position upon a broken or uneven floor; Fig. 2 is an enlarged transverse section on the line *a—a*, Fig. 1; Fig. 3 is a sectional plan view on the line *b—b*, Fig. 2, and Fig. 4 is a sectional view illustrating a modification of my invention.

The floors of the vat rooms of breweries, dye works, and similar establishments are very seldom level, such floors being intentionally inclined for drainage purposes, or being irregular or broken from wear, especially when made of brick or cement, and difficulty is experienced in properly supporting upon such a floor a vat or tank which should occupy a level position, makeshift devices of a temporary and more or less unsatisfactory character being usually resorted to for the purpose of leveling the support.

The object of my invention is to provide a device of a permanent or solid character which furnishes a perfectly level support for the vat irrespective of any inclination, unevenness, or irregularity in the floor level.

In the drawing 1 represents a hollow post preferably closed at the top and open at the bottom, this post having an expanded base 2 which provides a relatively large area of support upon the floor and thus insures stability. Mounted upon this post is a cap 3 which has a depending tubular stem 4 surrounding the upper portion of the post and fitting thereto, so that while the cap can be readily moved vertically upon the post it will be guided by the latter in such movement. Two or more of these capped posts support a transverse beam or girder 5, and upon a series of such girders, thus mounted,

is supported the vat or tank 6, the girders being secured to the caps of the posts in any suitable manner, the means employed in the present instance for effecting this result being a pair of hooked clamp bolts 7 which bear upon the opposite flanges of the base of the girder and are secured to the cap by nuts 8. By vertically adjusting the caps upon the posts, therefore, the top of each cap can be caused to assume any desired position above the level of the base of the post, and the beam 5 can thus be properly leveled irrespective of any inequalities in the floor.

In order to maintain the cap in its elevated position above the top of the post, I interpose, between the latter and the base of the cap, one or more washers 9, preferably of ring form, as shown in Fig. 2, the number of such washers thus employed or the thickness of the same being dependent upon the extent to which it is desired to elevate the cap.

In order to provide for the proper disposal and ready accessibility of the nuts 8 whereby the beam-clamping bolts are secured to the cap, I provide the latter with longitudinally extending wings 10, the bolts bearing upon the underside of the latter.

The post 1 is made hollow in order to decrease the weight of the same and save metal, and the post is preferably closed at the top in order to provide an extended bearing for the washers 9 and to prevent the access of wash water or other liquid to the interior of the post where it would have a tendency to accumulate, even if the post was open at the bottom, if the base of the post was in close contact with the floor, such accumulations in time becoming foul and offensive.

While I prefer in all cases to place the washers 9 between the top of the post and the base of the cap, as shown in Fig. 2, said washers may, if desired, be interposed between the bottom of the depending tubular stem 4, and a flange 12 on the post, as shown in Fig. 4.

I claim:—

1. A vat support consisting of a vertical post, a cap vertically adjustable thereon, and one or more washers interposed between the top of the post and the base of the cap.

2. A vat support consisting of a vertical post, a cap vertically adjustable on said post and having a depending stem which engages the post and is guided thereby, and means

interposed between the post and cap for supporting the latter when it is elevated.

3. A vat support consisting of a vertical post, a cap vertically adjustable thereon and
5 having a flat top, and means carried by said cap for securing to the same a vat-supporting beam or girder, which crosses the cap.

4. A vat support consisting of a hollow
10 post closed at the top and open at the bottom, a cap vertically adjustable on said post, and having a depending tubular stem surrounding the post, and means interposed between the post and cap for supporting the latter in an elevated position.

5. A vat support consisting of a hollow post closed at the top, a cap vertically ad- 15 justable on said post and having a depending tubular stem surrounding the post, and means interposed between the closed top of the post and the base of the cap for supporting the latter in an elevated position. 20

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

GEO. S. ROMINGER.

Witnesses:

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