

No. 787,294.

PATENTED APR. 11, 1905.

J. HICKLER.

BILGE BLOCK.

APPLICATION FILED JAN. 30, 1905.

FIG. 1

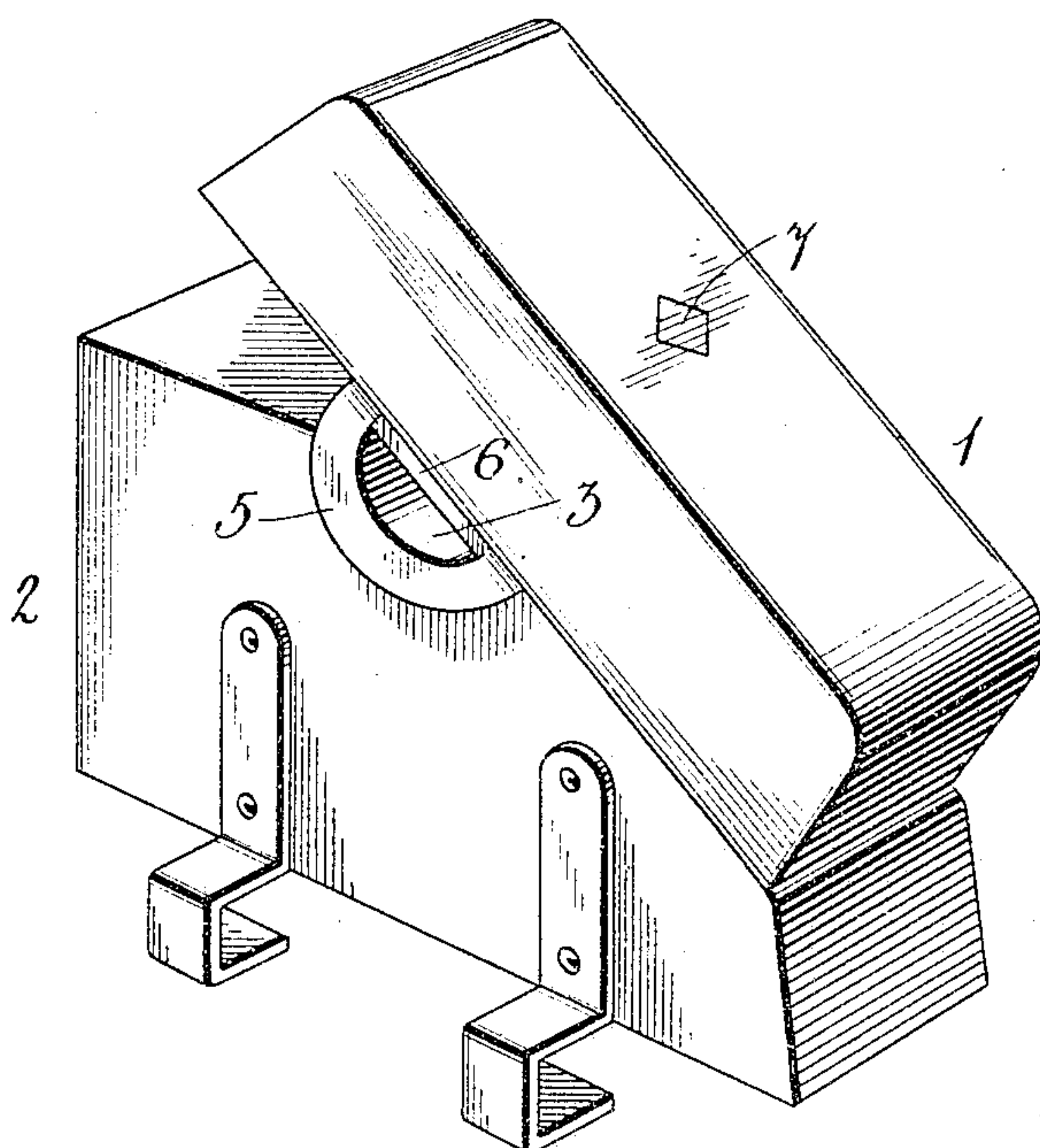


FIG. 2

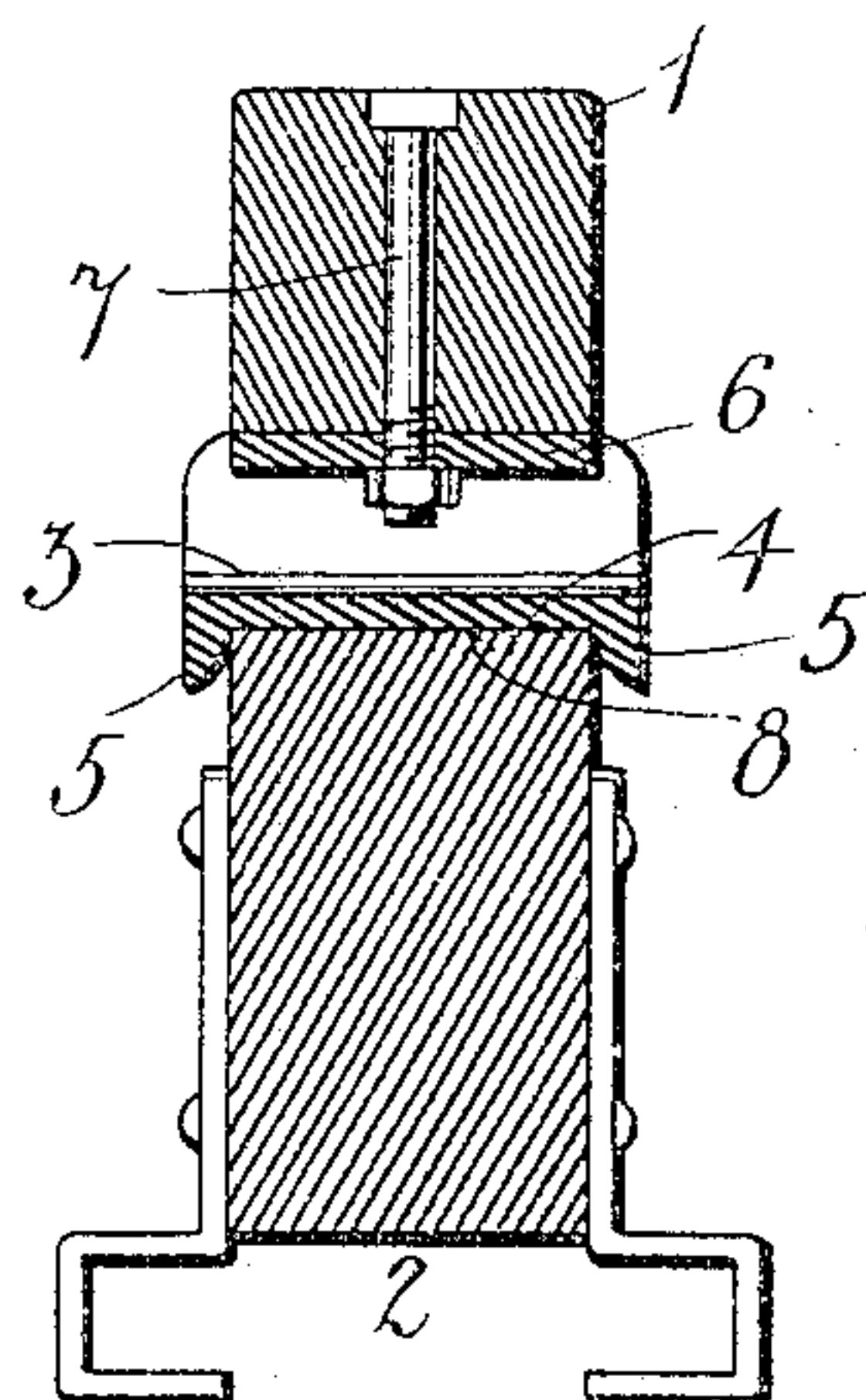
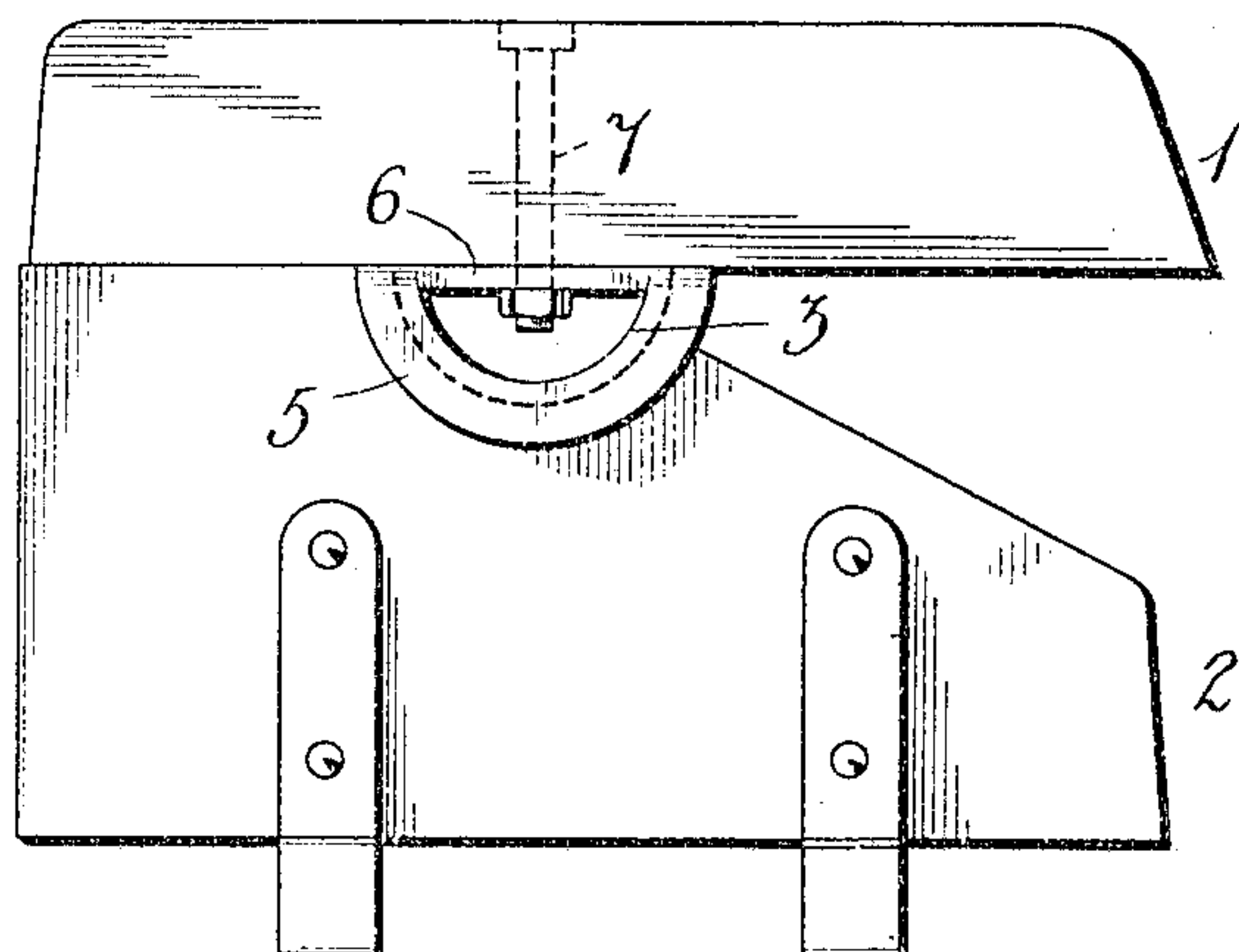


FIG. 3



Witnesses

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JOHN HICKLER, OF PASADENA, CALIFORNIA.

BILGE-BLOCK.

SPECIFICATION forming part of Letters Patent No. 787,294, dated April 11, 1905.

Application filed January 30, 1905. Serial No. 243,312.

To all whom it may concern:

Be it known that I, JOHN HICKLER, a citizen of the United States, residing at Pasadena, in the county of Los Angeles and State of California, have invented certain new and useful Improvements in Bilge-Blocks; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to bilge-blocks; and one of the principal objects of the same is to provide a strong, durable, and efficient device of this character which will be capable of withstanding the tremendous weight to which such device is subjected.

Another object is to provide a bilge-block comprising a tilting member and a bearing-block, said parts being detachable one from the other in order that said members may be interchangeably used in the series of blocks necessary in supporting a vessel and in order that said members may be renewable in case of injury to any part thereof.

These and other objects are attained by means of the construction illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a bilge-block made in accordance with my present invention. Fig. 2 is a vertical transverse section of the same, and Fig. 3 is a side elevation.

Referring to the drawings for a more particular description of my invention, the numeral 1 designates the tilting member of my bilge-block, and 2 is the bearing member thereof. Secured to the member 1 is a strong metal semitubular bearing-plate 3. This bearing-plate is provided with a semicircular convex bearing-surface 4, provided with flanges 5 at its opposite ends. The upper wall 6 of this plate is flat and extends across the tilting member 1 and is secured thereto

by means of a bolt 7 passing through the member 1 and the flat upper wall of the plate 3.

From the foregoing it will be noted that the tubular bearing-plate 3 is adapted to rock or tilt within the rounded recess 8 in the bearing-block 2 and that owing to the fact that the flat upper wall 6 of said plate extends entirely across and covers considerable of the surface of the tilting member 1 said member is not weakened, as would be the case where a tubular metal device were used seated in a recess in the block 1.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

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

The herein-described bilge-block consisting of a tilting member having a plane upper and lower face, a hollow semicircular bearing-plate having end flanges, a plane upper surface, a semicircular bearing-surface, said bearing-plate being secured to the tilting member by means of a bolt passing through said block and through the plane upper wall of the bearing-plate, and a bearing member having a semicircular recess therein to form a seat for the bearing-plate, the flanges at the ends of the bearing-plate serving to prevent sidewise movement of the tilting member, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JOHN HICKLER.

Witnesses:

S. A. TERRY,
BENJ. G. COWL.