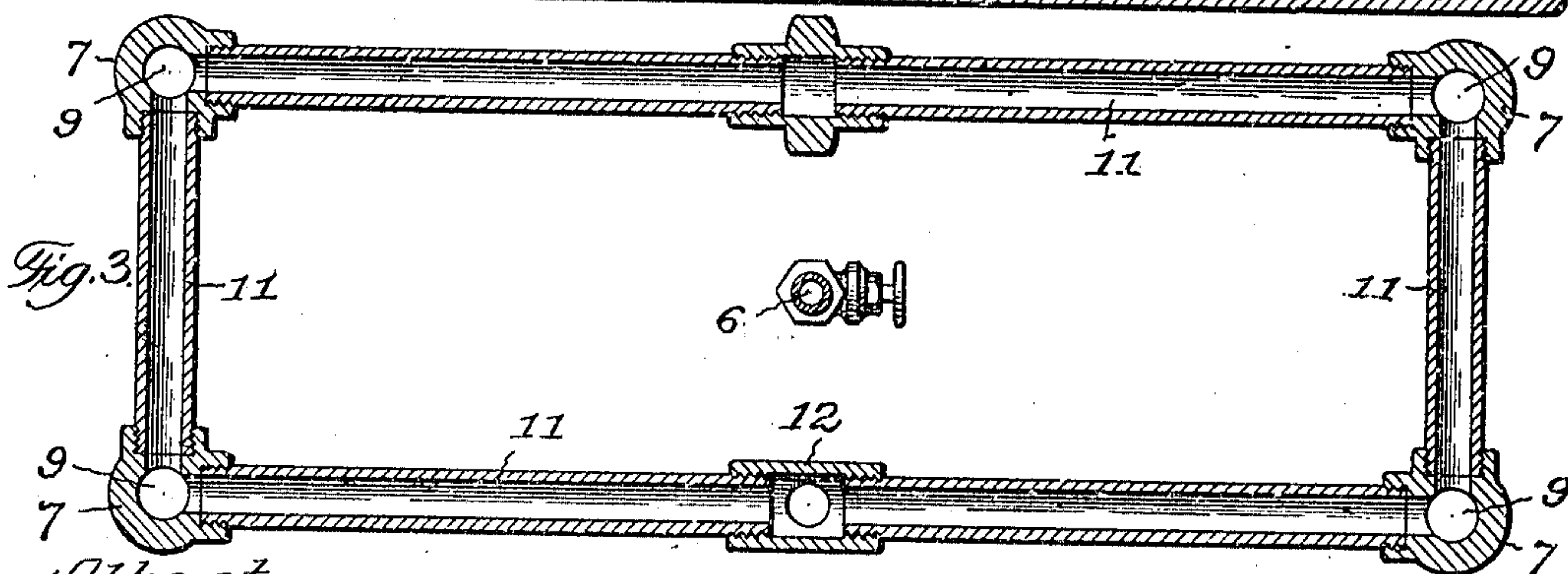
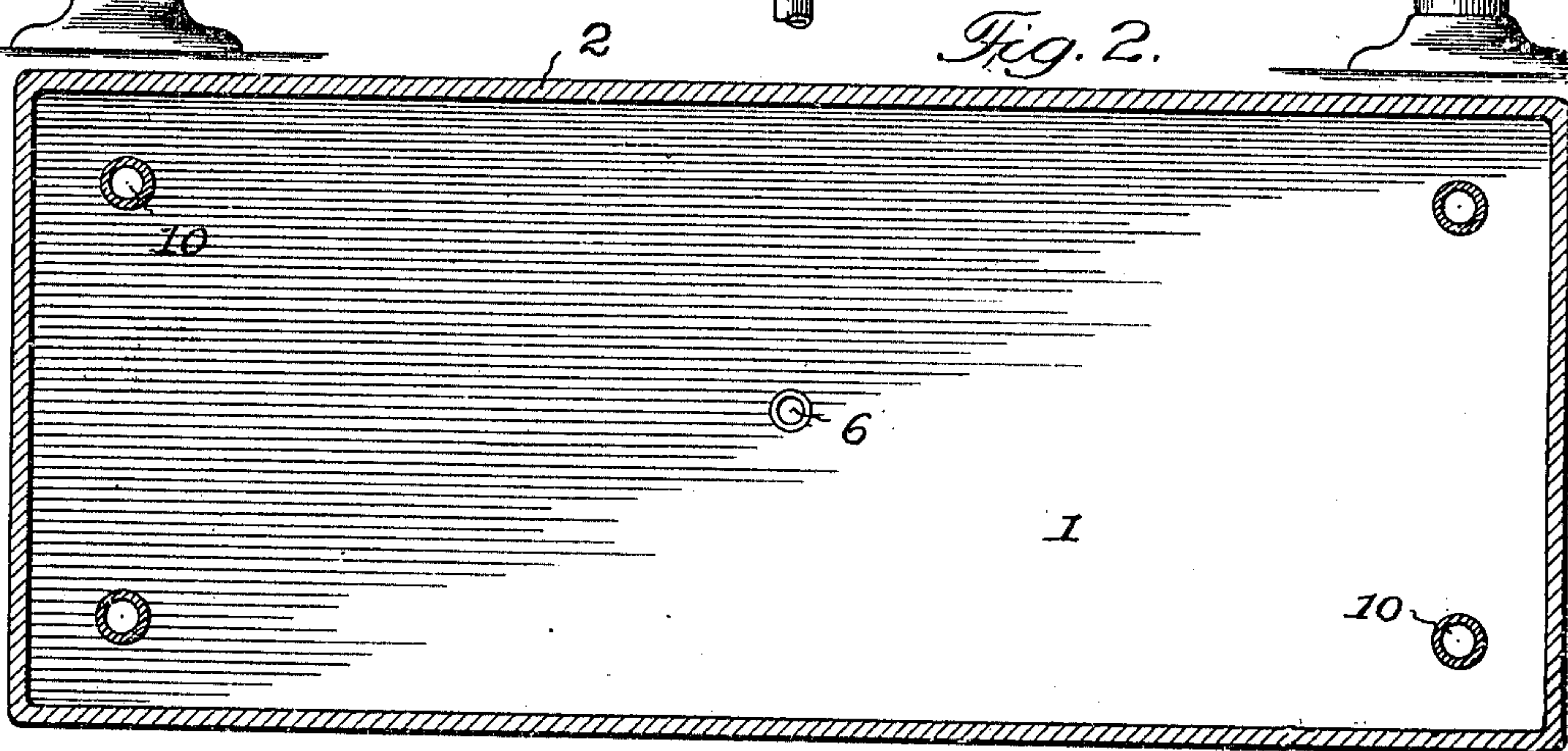
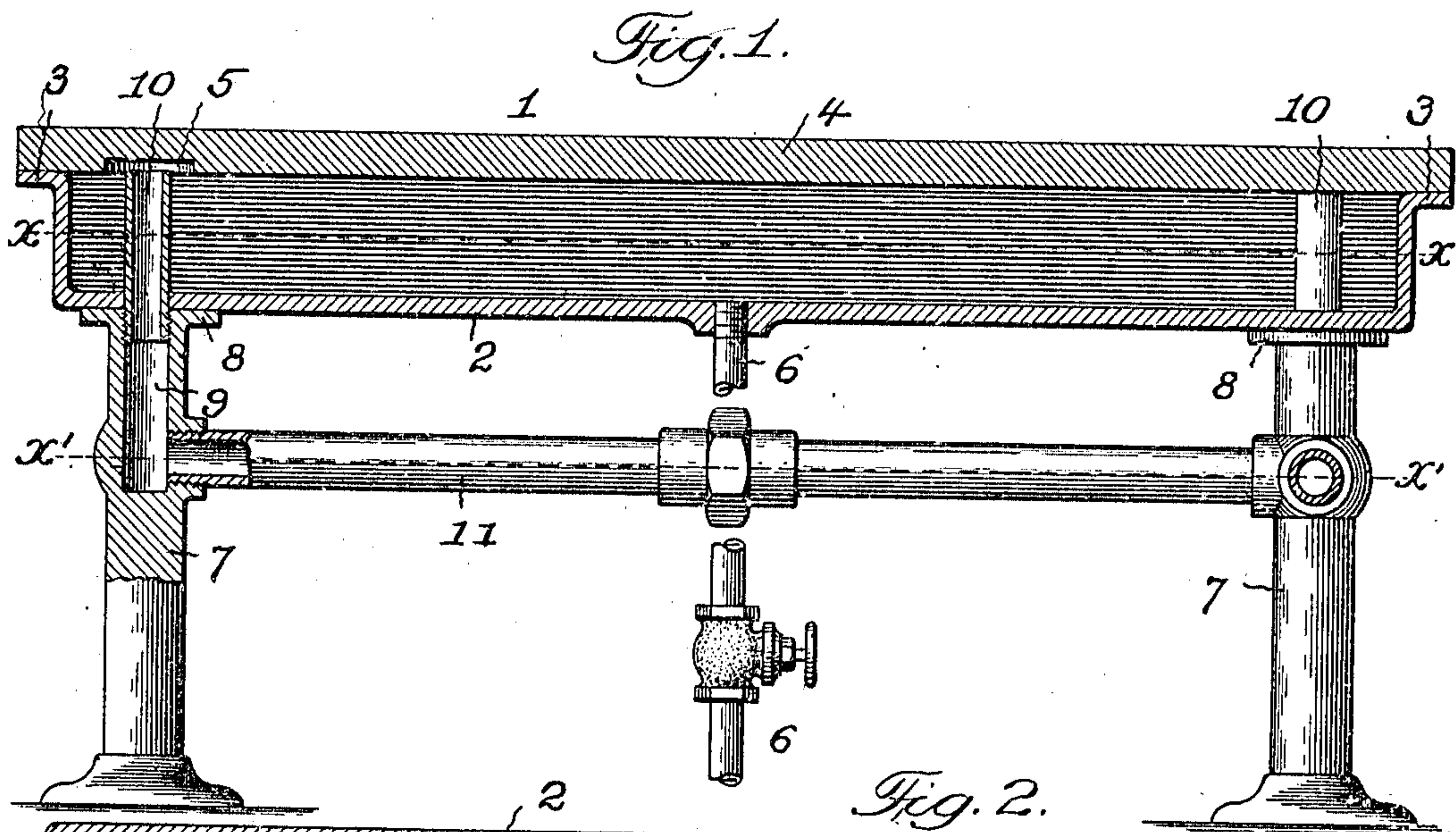


G. F. DICKSON.
CANDY COOLER.

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955,771.

Patented Apr. 19, 1910.



Attest:

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UNITED STATES PATENT OFFICE.

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CANDY-COOLER.

955,771.

Specification of Letters Patent.

Patented Apr. 19, 1910.

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To all whom it may concern:

Be it known that I, GEORGE F. DICKSON, a citizen of the United States of America, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Candy-Coolers, of which the following is a specification.

This invention relates to that class of candy coolers in which a circulation of a liquid cooling medium is effected through a hollow slab or table top, and has for its object to provide a simple and efficient structural formation and combination of parts whereby an even and uniform circulation of the liquid cooling medium is attained, and an even and uniform cooling of the material effected, all as will hereinafter more fully appear.

In the accompanying drawings: Figure 1, is a side elevation partly in section. Fig. 2, is a horizontal section on line $x-x$, Fig. 1. Fig. 3, is a similar view on line $x'-x'$, Fig. 1.

Similar numerals of reference indicate like parts in the different views.

Referring to the drawings, 1 represents a hollow rectangular table top or slab, which in the present construction comprises a rectangular pan shaped underportion 2, formed with out turned attaching flanges 3 on its upper margin, and a rectangular plate shaped upper portion 4, secured to the aforesaid attaching flanges 3, in any usual and suitable manner.

5 are recesses formed in the underside of the plate portion 4, near the corners thereof and adapted to receive the upper and open ends of the circulating pipes hereinafter described.

6 is a valved inlet pipe connected centrally to the bottom web of the aforesaid underportion 2, for the introduction of liquid cooling medium.

7 are a series of corner posts or legs by which the hollow table top or slab 1 is supported in a horizontal position.

8 are attaching flanges on the upper ends of the posts 7 for convenient attachment to the underside of the table top or slab aforesaid.

9 are tubular bores formed in the upper portions of the aforesaid posts, and having tubular extensions preferably formed by sections 10 of pipe, which extend upwardly into the cavity of the hollow top or slab 1 and project into the aforesaid recesses 5 of the top plate 4, as shown. The construction being such that the cooling fluid in its outward flow will pass along the undersurface of the plate 4, into the recesses 5 and thence into the pipe section 10, in a very even and uniform manner, and with a corresponding even and uniform cooling action upon the whole of the top plate 4.

11 are sections of pipe extending between the tubular bores 9 of the posts 7, and connecting said bores together.

12 is a coupling head connected to one section of pipe 11 and adapted in turn for connection to a suitable drain pipe.

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

1. A cooling slab comprising a pan shaped under portion having an out turned marginal flange at top, and a rectangular plate shaped upper portion secured to the aforesaid flange and provided with a series of recesses in its under side adjacent to its corners, a centrally arranged inlet pipe, and a series of outlet pipes connected to the corners of the slab and extending up into the aforesaid recesses, substantially as set forth.

2. A cooling slab comprising a pan shaped under portion having an out turned marginal flange at top, and a rectangular plate shaped upper portion secured to the aforesaid flange, a centrally arranged inlet pipe, a series of corner posts supporting said slab in a horizontal position and having tubular upper portions connecting with the interior of the slab and outlet necks on said posts for connection with outlet pipes, substantially as set forth.

3. A cooling slab comprising a pan shaped under portion having an out turned marginal flange at top, and a rectangular plate shaped upper portion provided with a series of recesses in its under side adjacent to its corners, a centrally arranged inlet pipe, a series of corner posts supporting said slab in

a horizontal position and having tubular upper portions, a series of pipe sections connected to said tubular portions and extending up into the aforesaid recesses, and a series of outlet pipe sections connected to the tubular portions aforesaid, substantially as set forth.

Signed at Chicago, Illinois, this 27th day of August 1909.

GEORGE F. DICKSON.

Witnesses:

ROBERT BURNS,
HENRY MOE.