

No. 661,351.

Patented Nov. 6, 1900.

A. J. MANNING.
BATH TUB.

(Application filed Feb. 17, 1900.)

(No Model.)

2 Sheets—Sheet 1.

Fig. 1.

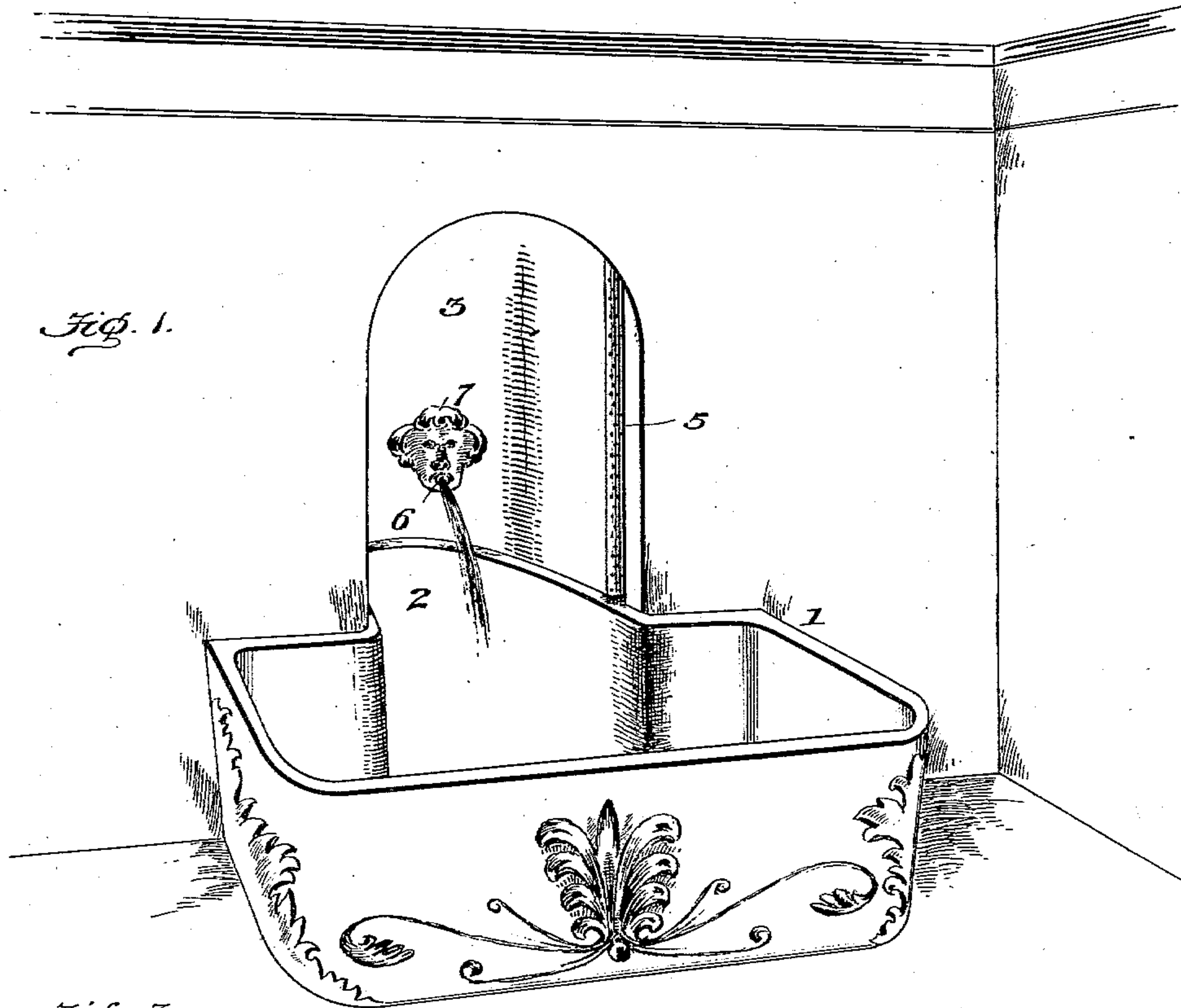


Fig. 3.

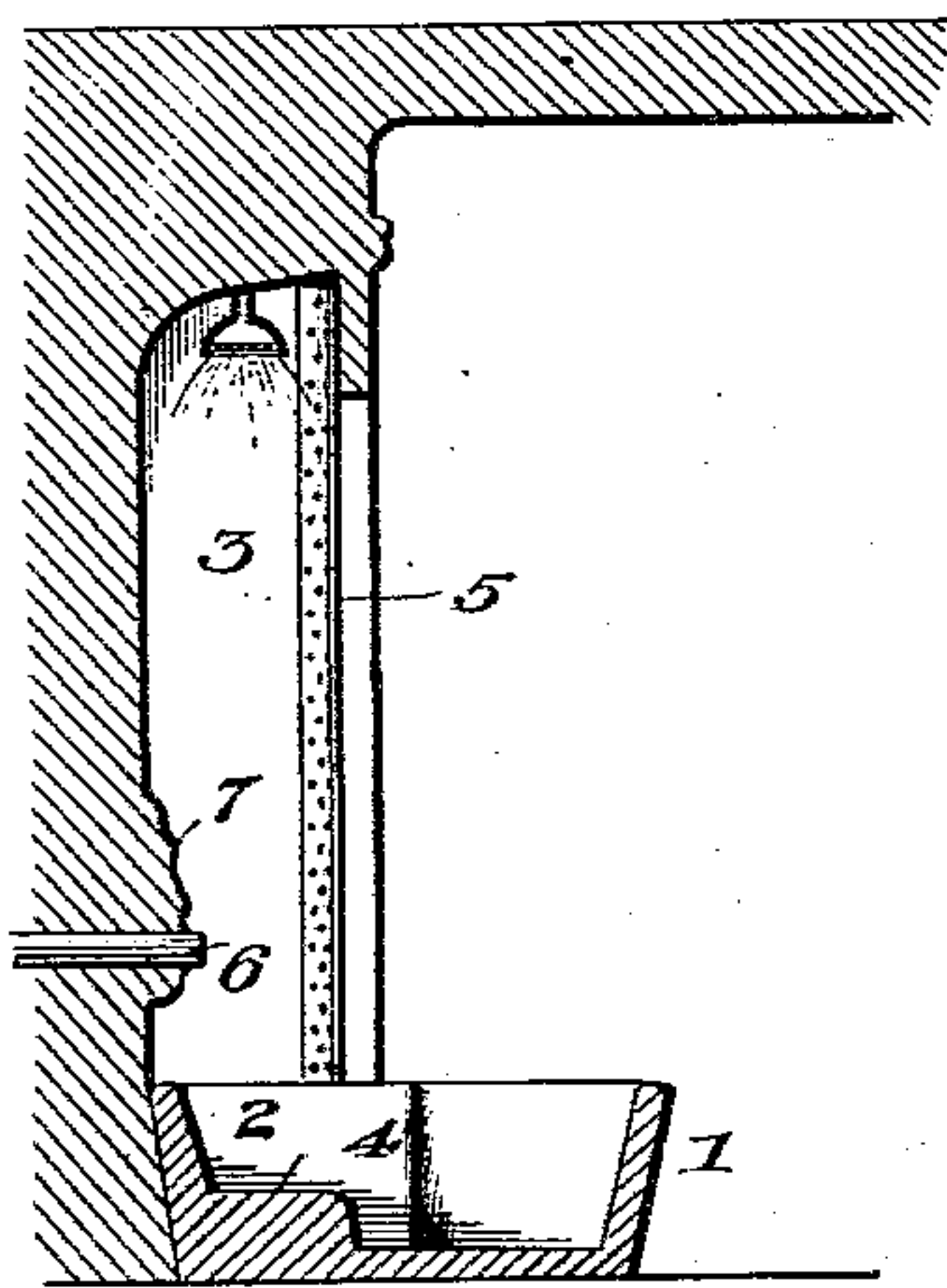
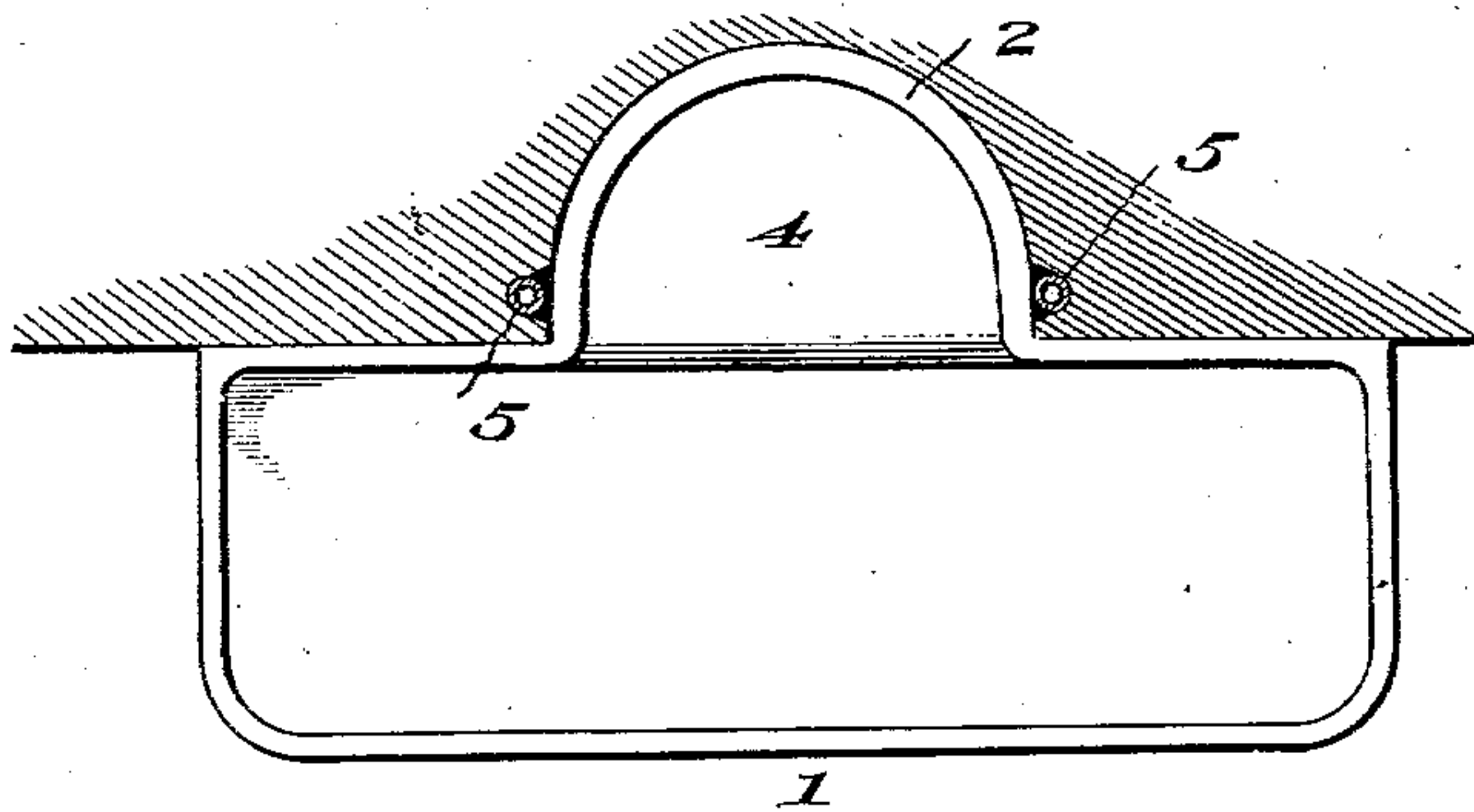


Fig. 2.



Witnesses:

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Inventor:

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Fig. 8.

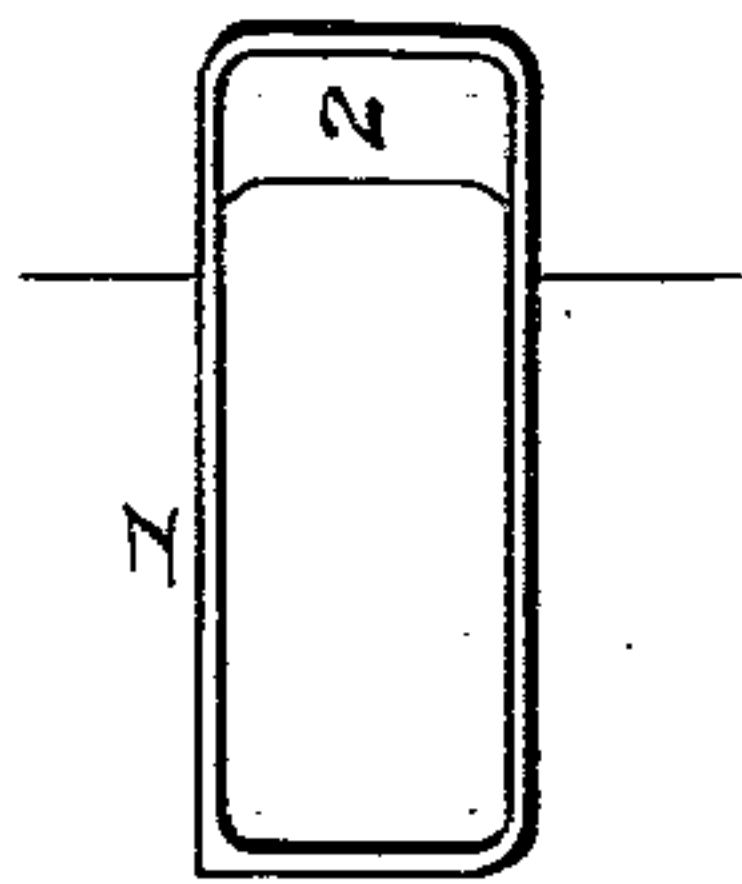


Fig. 7.

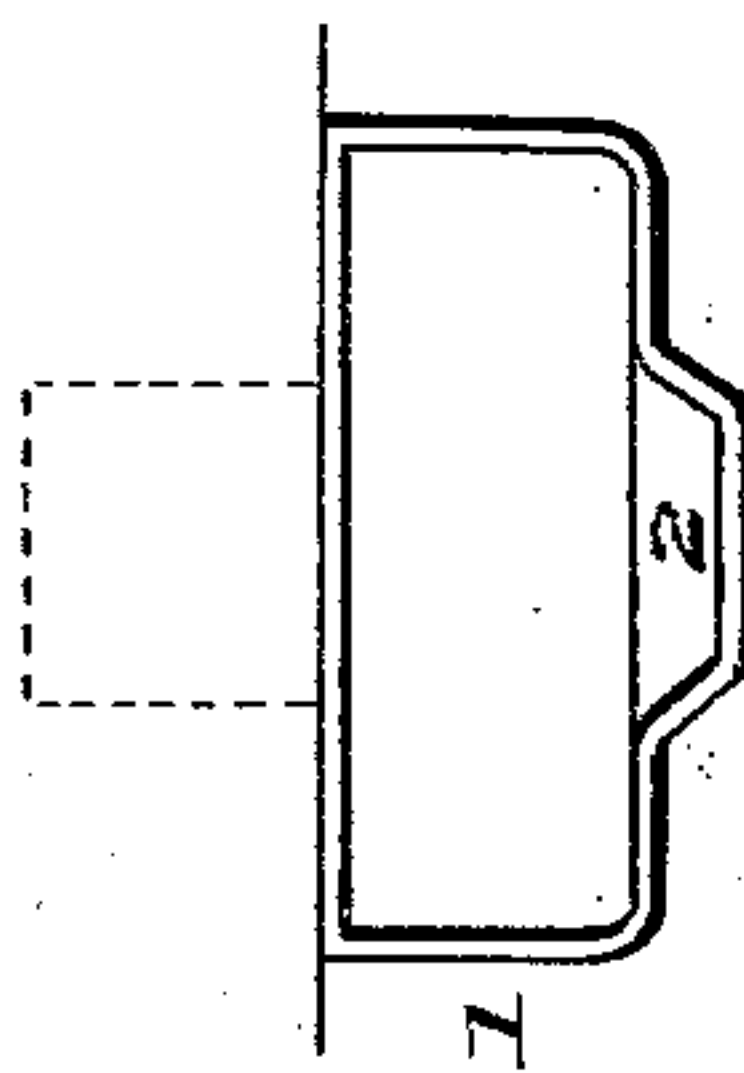


Fig. 6.

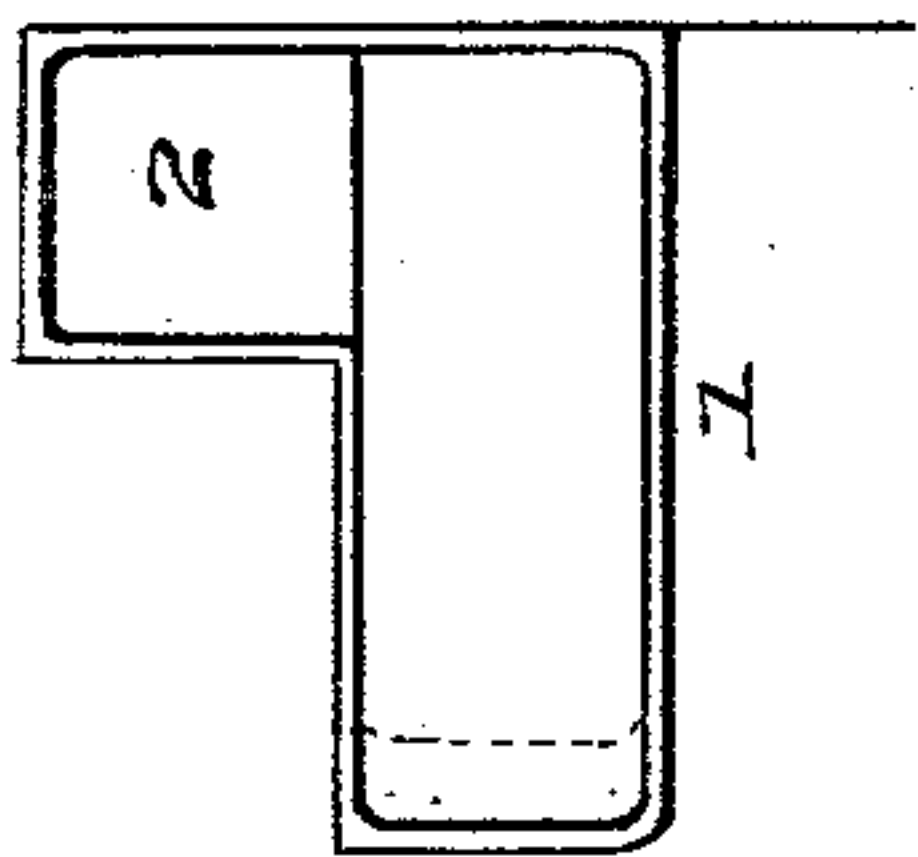


Fig. 5.

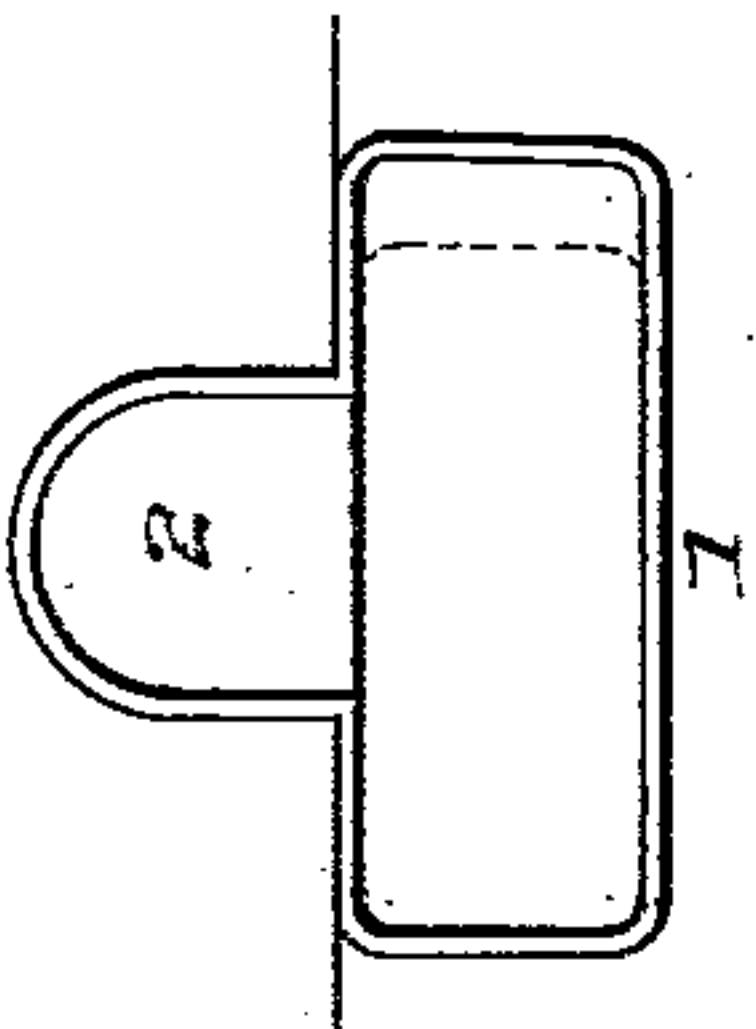


Fig. 4.

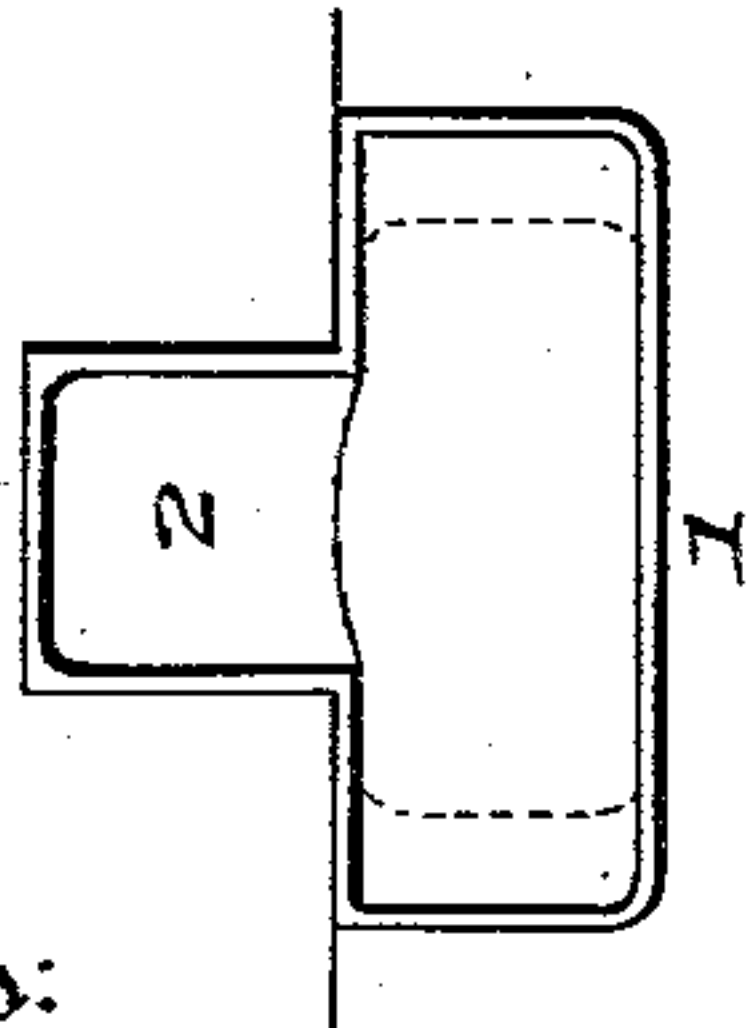


Fig. 13.

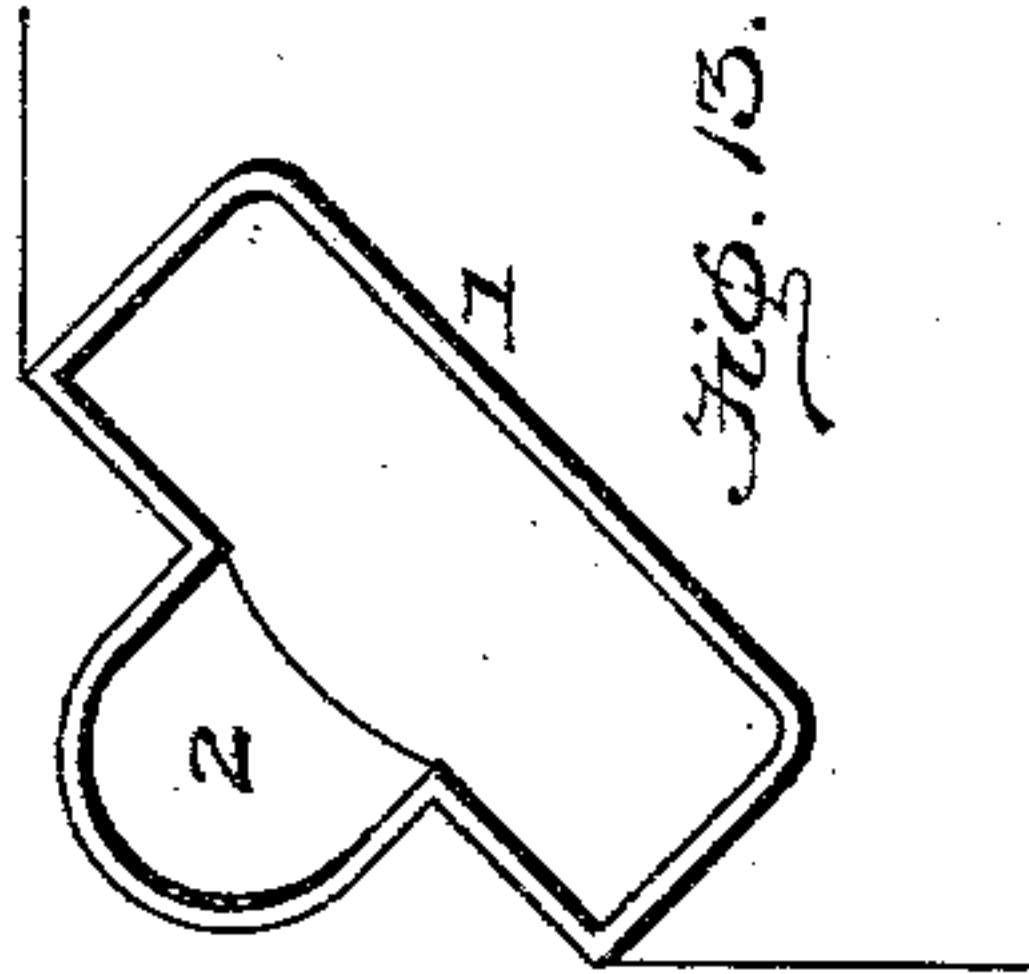


Fig. 12.

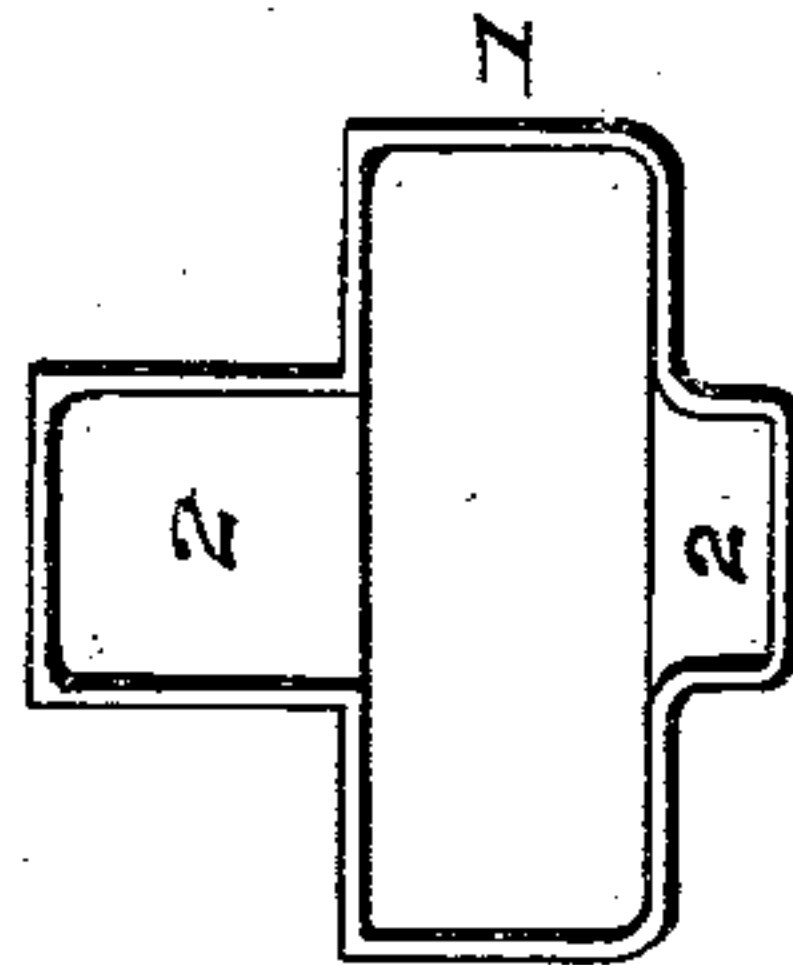


Fig. 11.

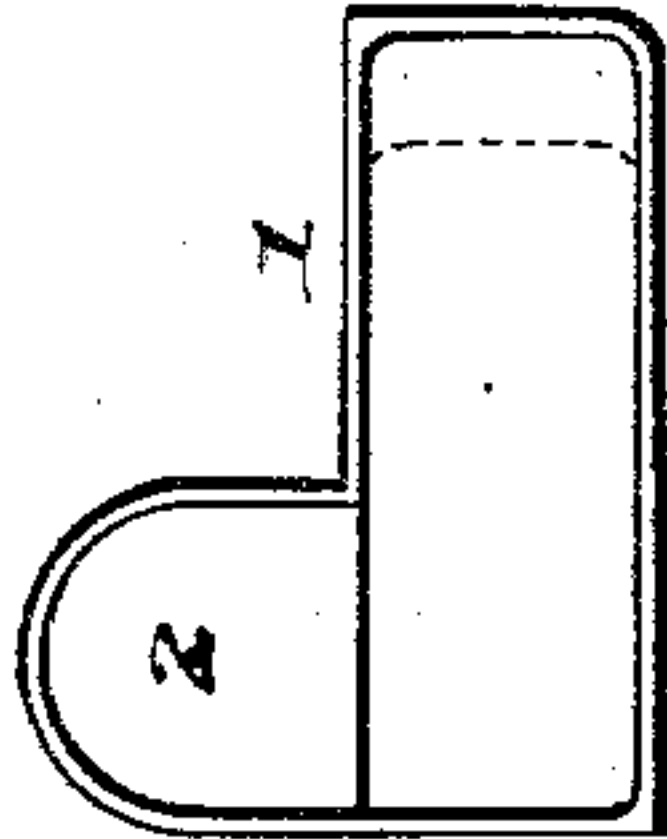


Fig. 10.

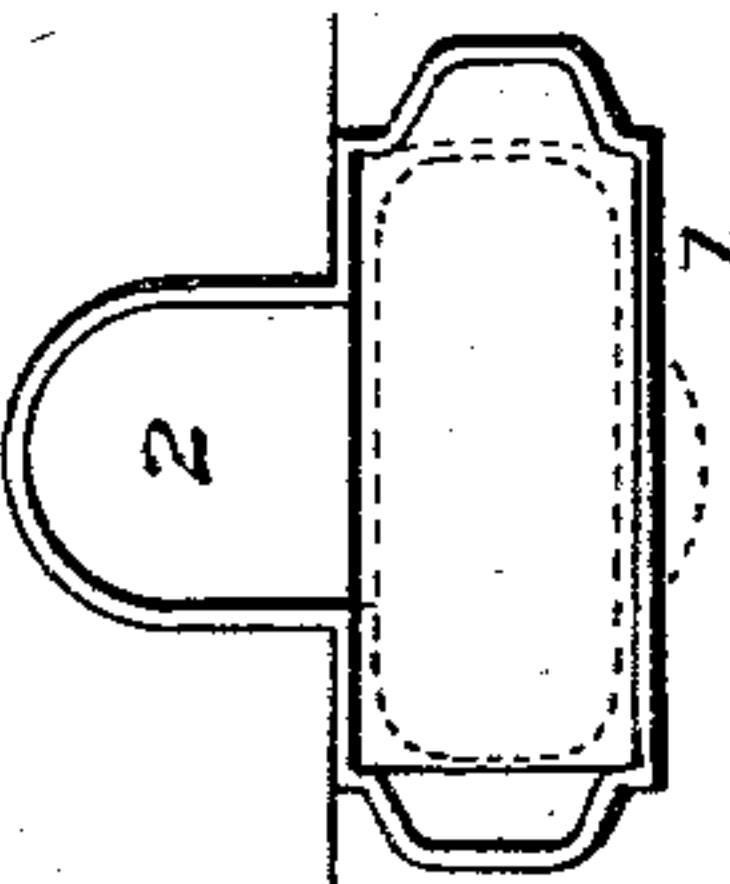
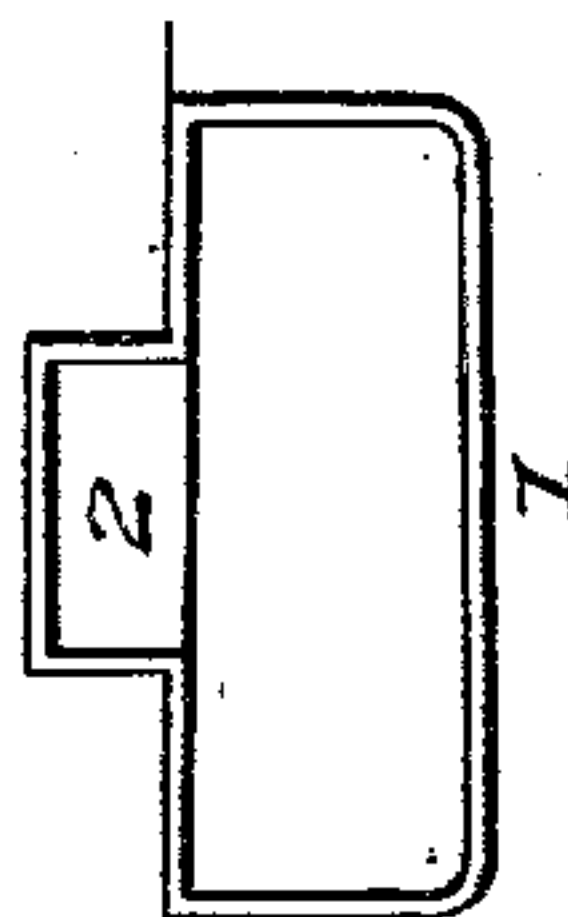


Fig. 9.



Witnesses:

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Inventor:

Alfred J. Manning
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UNITED STATES PATENT OFFICE.

ALFRED J. MANNING, OF IRVINGTON, NEW YORK.

BATH-TUB.

SPECIFICATION forming part of Letters Patent No. 661,351, dated November 6, 1900.

Application filed February 17, 1900. Serial No. 5,631. (No model.)

To all whom it may concern:

Be it known that I, ALFRED J. MANNING, a citizen of the United States, residing at Irvington, in the county of Westchester and State of New York, have invented new and useful Improvements in Bath-Tubs, of which the following is a specification.

The invention relates to bath-tubs.

Heretofore bath-tubs equipped with shower and needle spray attachments have been provided with housings or canopies to inclose said attachments, thus rendering the construction of a bath apparatus expensive as well as unsightly.

One object of this invention is to overcome these objections and to provide a bath-tub with shower and needle spray attachments, the construction being such that the attachments are entirely concealed from view and room-space economized.

A further object of the invention is to provide a seat which will also serve as means for economizing the water and which when located in certain positions may also be used as a step for entering and leaving the tub.

With these as well as other objects in view the invention consists in certain features of construction and combination of parts, which will be hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view illustrating my invention. Fig. 2 is a sectional view taken through the wall of a room and showing the hollow spur projected into a recess or alcove formed in the wall. Fig. 3 is a vertical sectional view. Figs. 4, 5, 6, 7, 8, 9, 10, 11, 12, and 13 are plan views of modifications of some of the various forms of my device which in each case may in construction have the seat omitted from the spur, if it be so desired.

In the drawings the same reference characters indicate the same parts of the invention.

1 denotes the bath-tub, which may be of any well-known or approved construction, with the exception that one or more of its walls is provided with what I will term a "hollow spur" 2. This spur may be of any suitable shape and may project from any of the walls of the body portion of the tub. I prefer to have the spur project into an alcove

or recess 3, formed in a wall of the room, and, if desired, the spur may be formed with a seat 4, which in addition to serving as a seat will limit the water area to the usual bath-tub contour. It is essential that the recess or alcove be of the same shape as the hollow spur, so that the latter may fit within the same and form a water-tight joint therewith to prevent any water from splashing or being projected between the sides of the spur and the walls of the recess or alcove. Pipes 5 extend vertically and are embedded in the vertical walls of the alcove or recess 3 and are perforated to discharge a needle-spray through the side walls of said alcove or recess. A pipe 6 has an outlet 7, suitably ornamented, and is provided with a shower-bath spray-head.

It is evident that a person in taking a shower or needle spray bath may seat himself or stand upon the seat 4, and owing to the fact that the spur is set back into the alcove or recess in a wall of the room the spray over and around the spur minimizes the splash outside the limits of the tub.

When it is not desired or convenient to place the spur of the tub into a recess or alcove in the wall of the room, a curtain may be provided to conceal the water-pipes and their attachments.

From the foregoing description, taken in connection with the accompanying drawings, the construction, operation, and advantages of my improved bath-tub will be readily apparent without requiring an extended explanation. It will be seen that the tub is simple of construction, that said construction permits of its manufacture at small cost, and that it is exceedingly well adapted for the purposes for which it is designed.

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 the invention, what is claimed, and desired to be secured by Letters Patent, is—

1. The combination with a wall of a room provided with a recess or alcove projecting beyond the floor-space of the room, of a bath-tub abutting against said wall on opposite

sides of said alcove and provided in its abutting side with a hollow spur projecting outwardly therefrom into said recess, said spur having a contour corresponding to the alcove or recess to effect a water-tight joint, perforated pipes, 5, extending vertically and embedded in the wall of the alcove, and a pipe, 6, having an outlet, 7, and a shower-bath spray-head, substantially as set forth.

10 2. The combination with a wall of a room provided with a recess or alcove projecting beyond the floor-space of the room, of a bathtub abutting against said wall on opposite sides of said alcove and provided in its abutting side with a hollow spur projecting outwardly therefrom into said recess, said spur

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having a contour corresponding to the alcove or recess to effect a water-tight joint and provided with a seat the upper surface of which is above the bottom of the tub, perforated pipes 5 extending vertically and embedded in the wall of the alcove, and a pipe 6 having an outlet 7 and shower-bath spray-head, substantially as described.

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

ALFRED J. MANNING.

Witnesses:

J. HARRY NICHOLSON,
IRVING ELTING.