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PATENTED FEB. 10, 1903.

F. P. MAHON.  
ATTACHMENT FOR PAILS, &c.  
APPLICATION FILED FEB. 21, 1902.

NO MODEL.

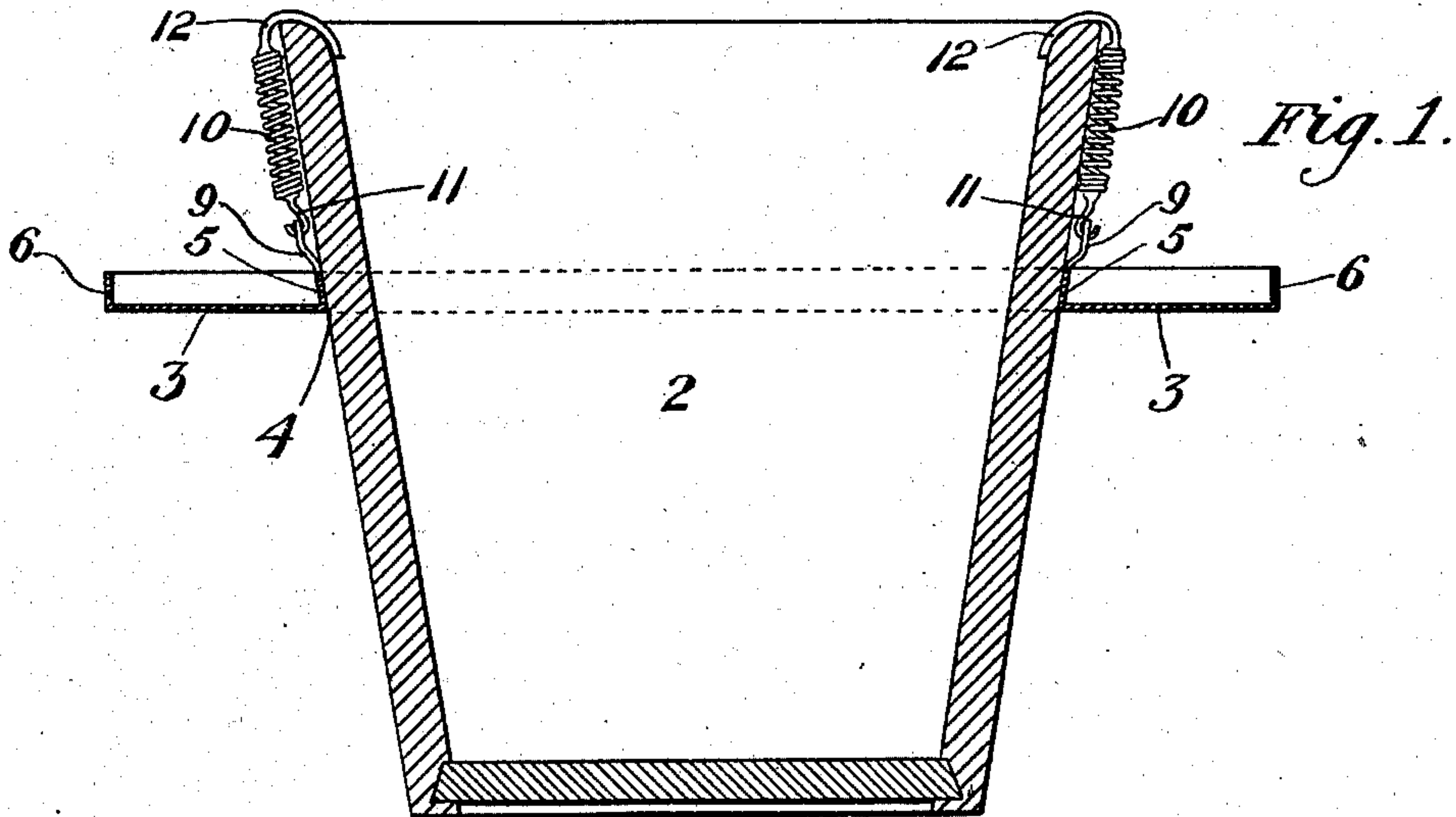


Fig. 2.

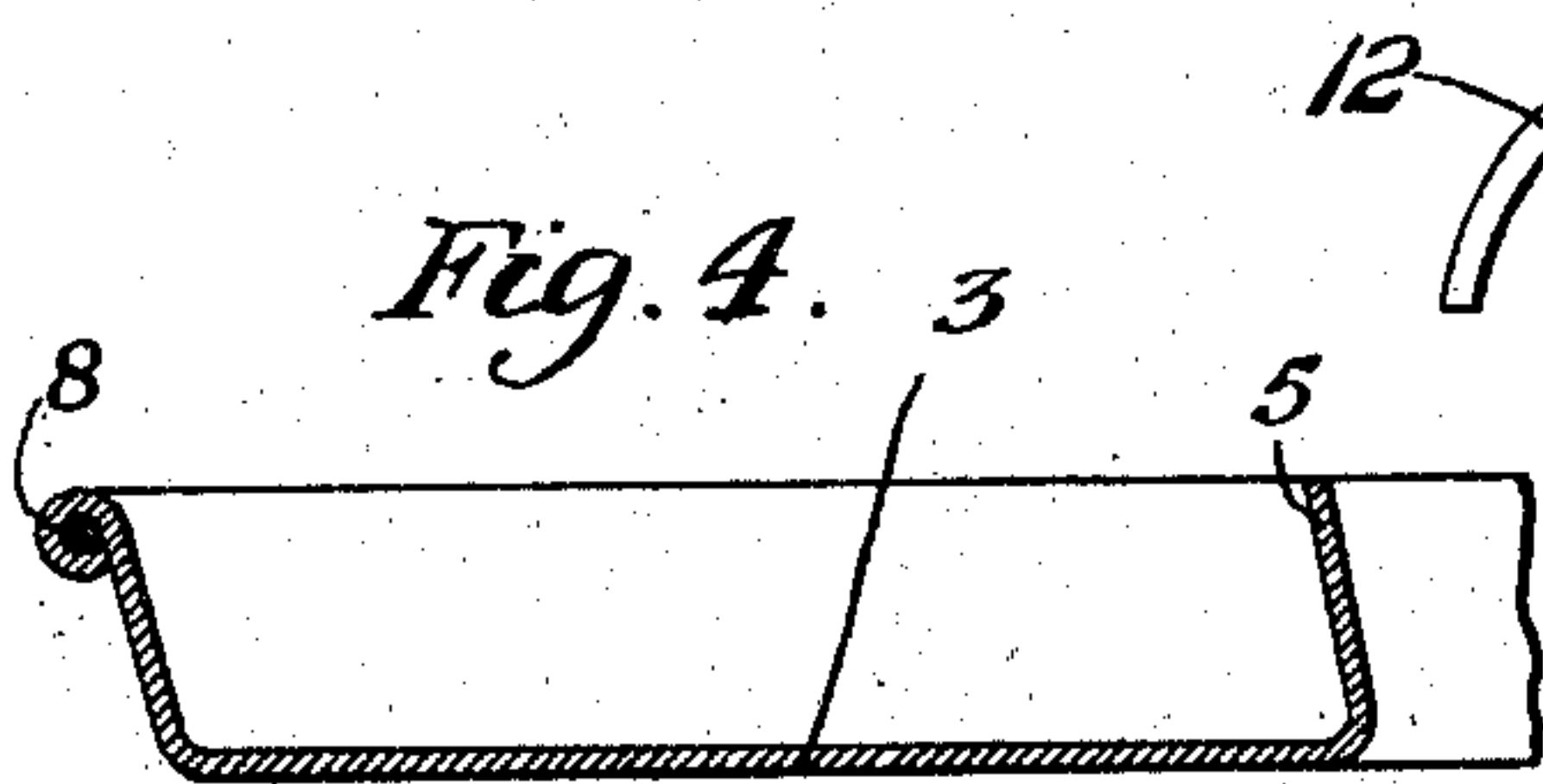
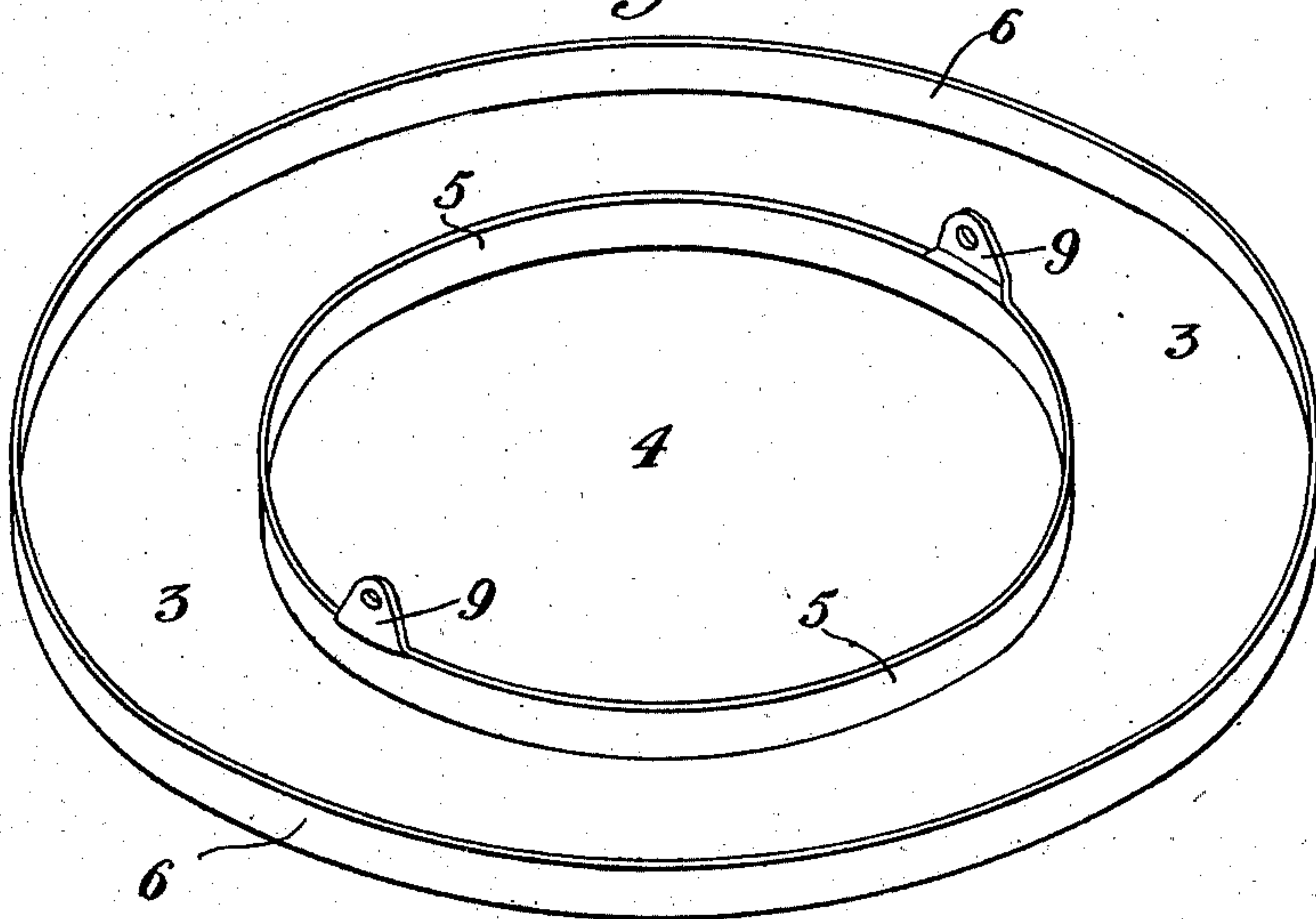


Fig. 4.

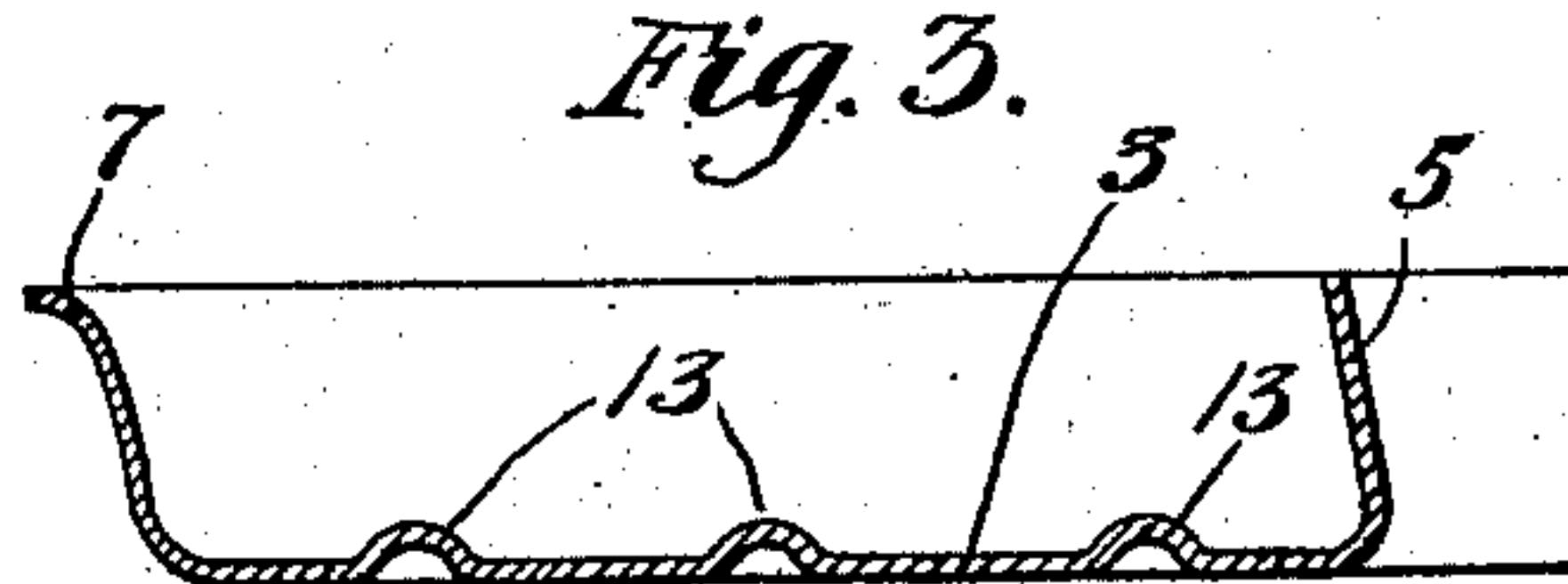


Fig. 5.

Witnesses:

E. V. Mackenzie  
Chas. S. Pepley.

Fig. 5. Inventor.

Frank P. Mahon  
by O. M. Clarke  
his attorney



# UNITED STATES PATENT OFFICE.

FRANK P. MAHON, OF PITTSBURG, PENNSYLVANIA.

## ATTACHMENT FOR PAILS, &c.

SPECIFICATION forming part of Letters Patent No. 720,041, dated February 10, 1903.

Application filed February 21, 1902. Serial No. 95,032. (No model.)

*To all whom it may concern:*

Be it known that I, FRANK P. MAHON, a citizen of the United States, residing at Pittsburgh, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Attachments for Pails, &c., of which the following is a specification, reference being had therein to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a vertical sectional view showing a pail provided with my improved attachment. Fig. 2 is a perspective view of the device detached. Figs. 3 and 4 are sectional detail views showing modifications of the edge of the pan. Fig. 5 is a detail view of the spring securing device.

My invention relates to means adapted to be applied to buckets, pails, tubs, &c., for the purpose of supporting brushes, soap, cloths, &c.; and it consists of a pan, preferably circular in form, adapted to surround and engage the exterior of a vessel, as a pail, and to provide a convenient support, as stated, with means for securing it in position.

Referring to the drawings, 2 represents a pail or other similar cylindrical vessel, usually tapered on the outside.

3 is the surrounding pan, formed of sheet metal, preferably galvanized, or of any other suitable material, the middle portion of which is provided with an opening 4, preferably circular in form and adapted to conform to the circular exterior of the vessel. The pan is preferably provided with an inner annular flange 5 and which also preferably conforms to the taper of the vessel.

6 is an outer upwardly-bent flange or ring adapted to provide an outer retaining-ledge to hold the articles placed on the pan. It is bent or rounded over, as shown at 7 in Fig. 3, or is strengthened by a wire 8, as in Fig. 4, in either of which constructions a rounded edge is secured, giving a finished top and preventing cutting of the soap, &c. At the inner portion of the pan, formed of a part of the inner annular flange 5 or in any other suitable manner, as by soldering, are lips or lugs 9, to which are secured the lower ends of the elastic securing device. (Shown in Figs. 1 and 5.) These consist of resilient means, as a coiled spring 10, to one end of

which is attached a hook or eye 11, adapted to be secured to the lip 9, while the other end is provided with a hook 12, adapted to engage the upper edge of the vessel, as in Fig. 1. The shank of the upper hook is screwed into the spiral coiled spring, as shown in Fig. 5, thus making a good connection, and, if desired, providing for a considerable range of adjustment to shorten or lengthen the connection, thus compensating for variations in the size, taper, or height of the vessels to which the improvement is to be applied.

It is obvious that the lower connection with the pan is made by simply turning the wire into the form of a hook or that it may be permanently connected with the pan.

For the purpose of preventing the soap or other articles from lying in the water which may collect in the pan the upper surface of the bottom is preferably provided with upwardly-extending corrugations, bosses, or projections 13, which are conveniently pressed in the sheet metal of the pan or provided in any other suitable or convenient manner, as shown in Fig. 3.

In applying the pan it is drawn up around the tapering exterior of the vessel until it binds against it, when it will retain its position without further holding means, although I prefer to use the spring devices, which insure the pan against dislodgment and provide a convenient means for securing the pan in position on vessels of varying size and form.

While I have shown the pan as circular in form and while such form is preferable and is easily stamped out of sheet metal, I do not desire to be confined to such shape, but to include other forms within the scope of the claims.

The device is very simple and cheap in construction, easy to apply and remove, does not interfere with the ordinary use of the vessel, and provides a convenient and practicable receptacle for the various articles and implements ordinarily used with this class of vessels.

Changes and modifications may be made by the skilled mechanic without departing from my invention, and all such are to be considered as within the scope of the following claims.

What I claim is—

1. An attachment for pails comprising a pan having a circular opening adapted to engage the sides of the vessel, with resilient means  
5 secured to the pan and adapted to engage the upper edge of the vessel.

2. An attachment for pails comprising a pan composed of a circular integral body portion provided with a circular opening adapted to  
10 engage the exterior of the pail, and supporting-hooks flexibly secured to the pan and adapted to hook over the upper edge of the pail.

3. An attachment for pails comprising a pan provided with an opening adapted to engage 15 the exterior of the pail, and supporting devices therefor consisting of springs secured to the inner edges of the pan provided with terminal hooks adapted to engage the upper edge of the pail. 20

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

FRANK P. MAHON.

Witnesses:

JAS. J. MCAFEE,  
C. M. CLARKE.