

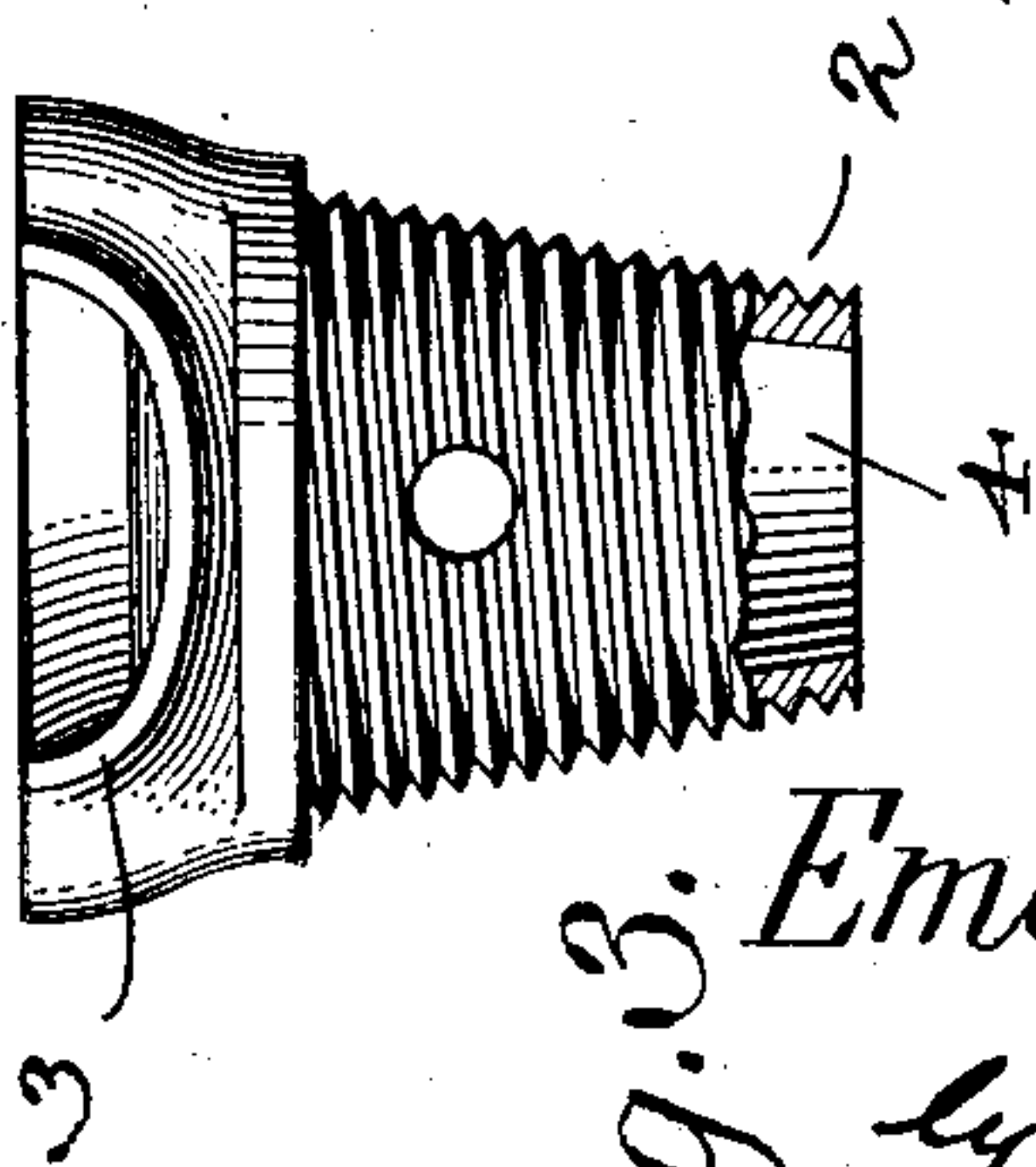
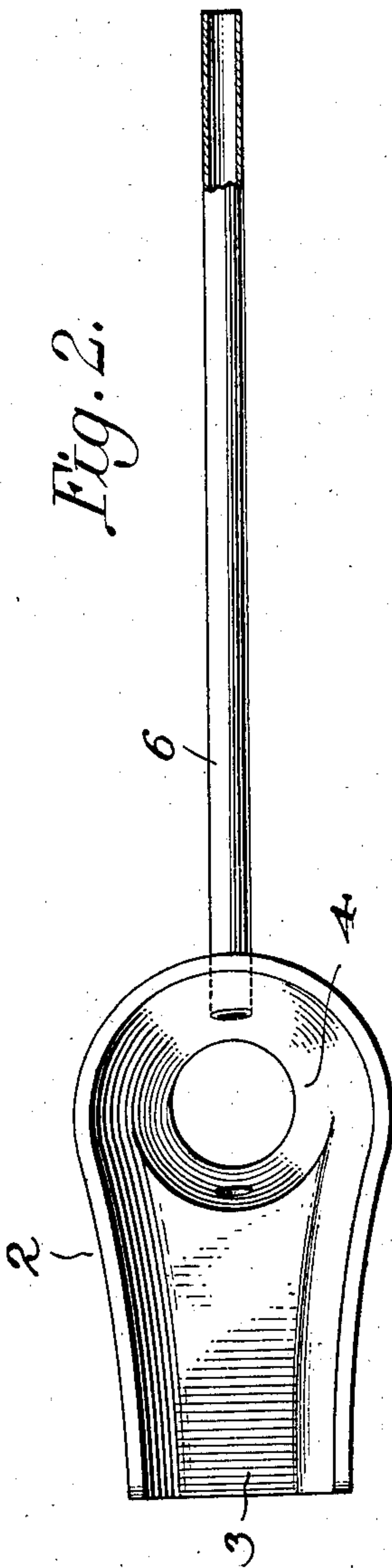
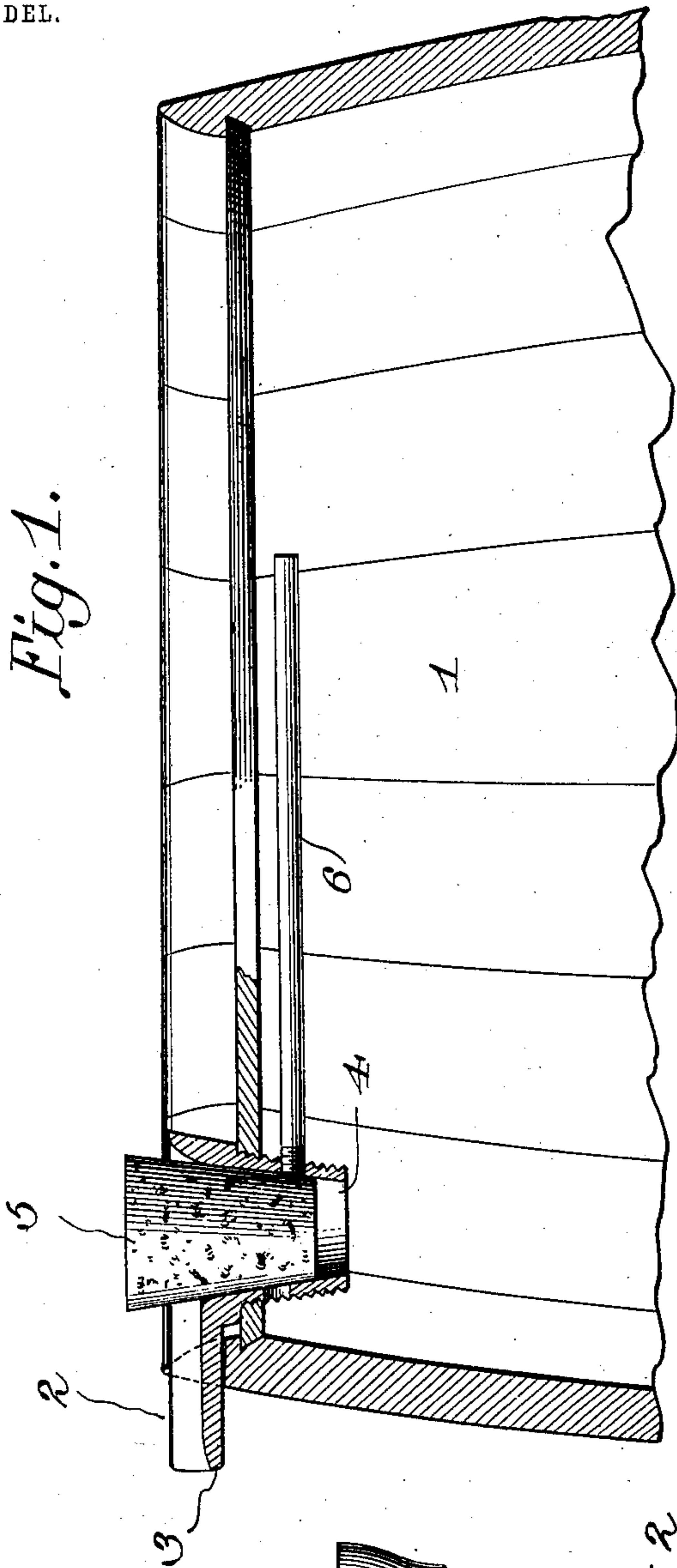
No. 753,750.

PATENTED MAR. 1, 1904.

E. C. STAUDINGER.  
SPOUT.

APPLICATION FILED NOV. 28, 1903.

NO MODEL.



Witnesses  
*F. C. Alden.*  
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*by Frank S. Applin*  
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# UNITED STATES PATENT OFFICE.

EMIL C. STAUDINGER, OF NEW ORLEANS, LOUISIANA.

## SPOUT.

SPECIFICATION forming part of Letters Patent No. 753,750, dated March 1, 1904.

Application filed November 28, 1903. Serial No. 183,011. (No model.)

*To all whom it may concern:*

Be it known that I, EMIL C. STAUDINGER, a citizen of the United States of America, residing at New Orleans, in the parish of Orleans and State of Louisiana, have invented certain new and useful Improvements in Spouts, of which the following is a specification.

This invention relates to packing and storing vessels, and particularly to the class thereunder known as "spouts."

The object of the invention is to produce a novel spout having means for venting or admitting air to the interior of the receptacle in order to permit the contents of the receptacle to flow therefrom without creating a vacuum in the receptacle.

Furthermore, an object of the invention is to produce a spout and a novel means for draining the vessel, the said venting and draining means being carried by that portion of the spout within the receptacle.

Finally, an object of the invention is to provide a spout of the character which will prove efficient and satisfactory in use and inexpensive to manufacture.

With the foregoing and other objects in view the invention consists in the details of construction and in the arrangement and combination of parts to be hereinafter more fully set forth and claimed.

In describing the invention in detail reference will be had to the accompanying drawings, forming part of this specification, wherein like characters denote corresponding parts in the several views, and in which—

Figure 1 is a sectional view of a receptacle with the invention applied. Fig. 2 is a plan view of the spout and vent-tube. Fig. 3 is a side elevation of the attachment, partly in section.

In the drawings, 1 denotes a receptacle, which may be a keg, can, or other containing device, and 2 is the spout, having a projecting flange 3, concaved on its upper surface to form a conduit through which the liquid passes. The inner end of the spout which extends into the receptacle is tapered, as at 4, and the stopper 5 is of such size as to fit the tapered portion. The vent comprises a tube 6, extending inwardly from the larger por-

tion of the spout below the top of the receptacle. By having the inwardly-tapered spout the capacity of the inner end is less than the portion where the vent-tube enters. Hence the larger part of the spout is never so full as to seal the vent-tube. The drain is formed in the front wall of the spout and permits the contents to drain from the receptacle after the contents is reduced to such an extent as to fail to pour from the inner end of the tube.

By the invention here described it will be observed that the vent-tube and the drain-opening are entirely within the receptacle and that the flange 3 is flat on the top of the receptacle, thereby permitting the said receptacles to be piled one on the other in shipment.

The construction, operation, and advantages will, it is thought, be understood from the foregoing description, it being noted that various changes may be resorted to in the proportions and details of construction for successfully carrying the invention into practice without departing from the scope.

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

1. A vessel, a spout therefor, having a portion extending into the vessel, the said spout being tapered inwardly, a vent-tube tapping the spout just under the lid, the said spout having a drain-opening opposite the air-tube, the said vent-tube extending approximately parallel with the top of the receptacle substantially as described.

2. A vessel, a spout therefor, having a portion extending into the vessel, the inner end thereof being smaller than the outer end, a vent-tube tapping the spout just under the lid, the said spout having a drain-opening just under the lid, opposite the air-tube, a stopper closing the spout, vent-tube and drainage-hole simultaneously.

In testimony whereof I affix my signature, in the presence of two witnesses, this 18th day of November, 1903.

EMIL C. STAUDINGER.

Witnesses:

H. M. DANNEEL,  
RUDOLPH DANNEEL.