

No. 764,566.

PATENTED JULY 12, 1904.

J. M. EDWARDS.
CAN CLOSURE AND SPOUT.
APPLICATION FILED OCT. 5, 1903.

NO MODEL.

FIG. 1.

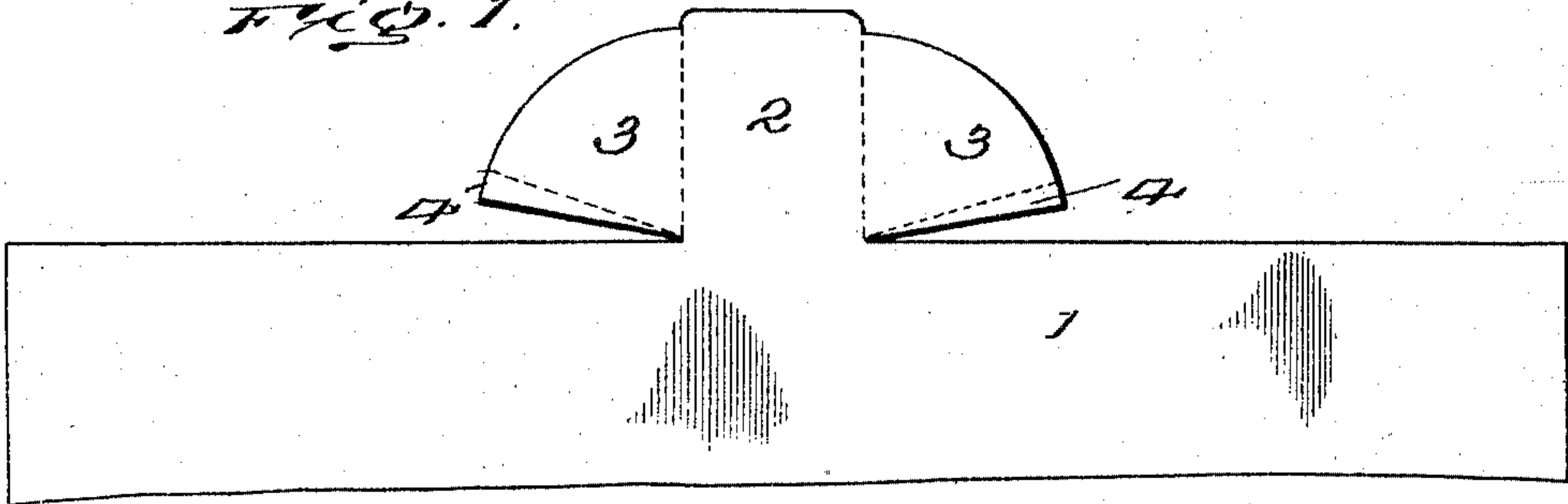


FIG. 2.

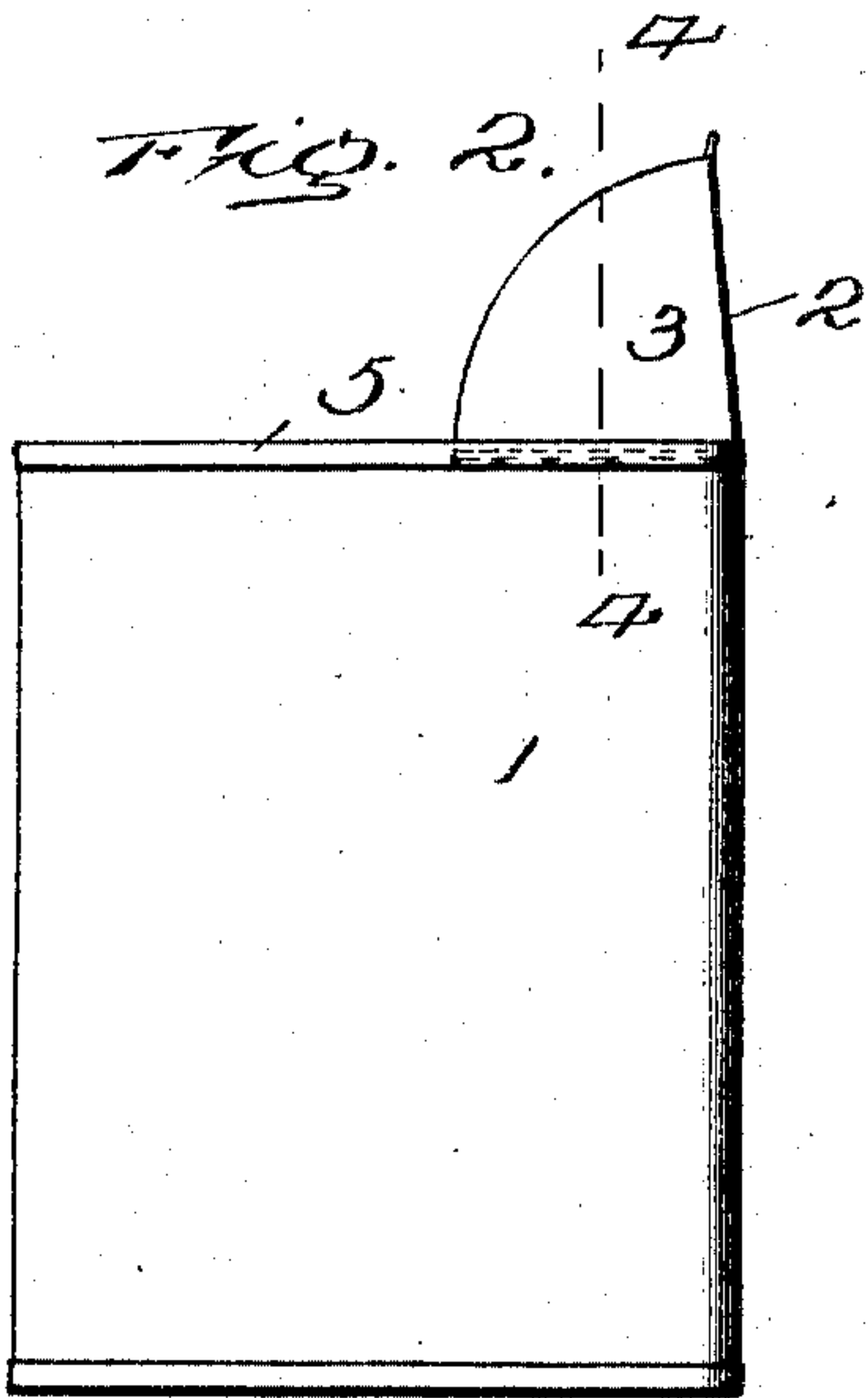


FIG. 3.

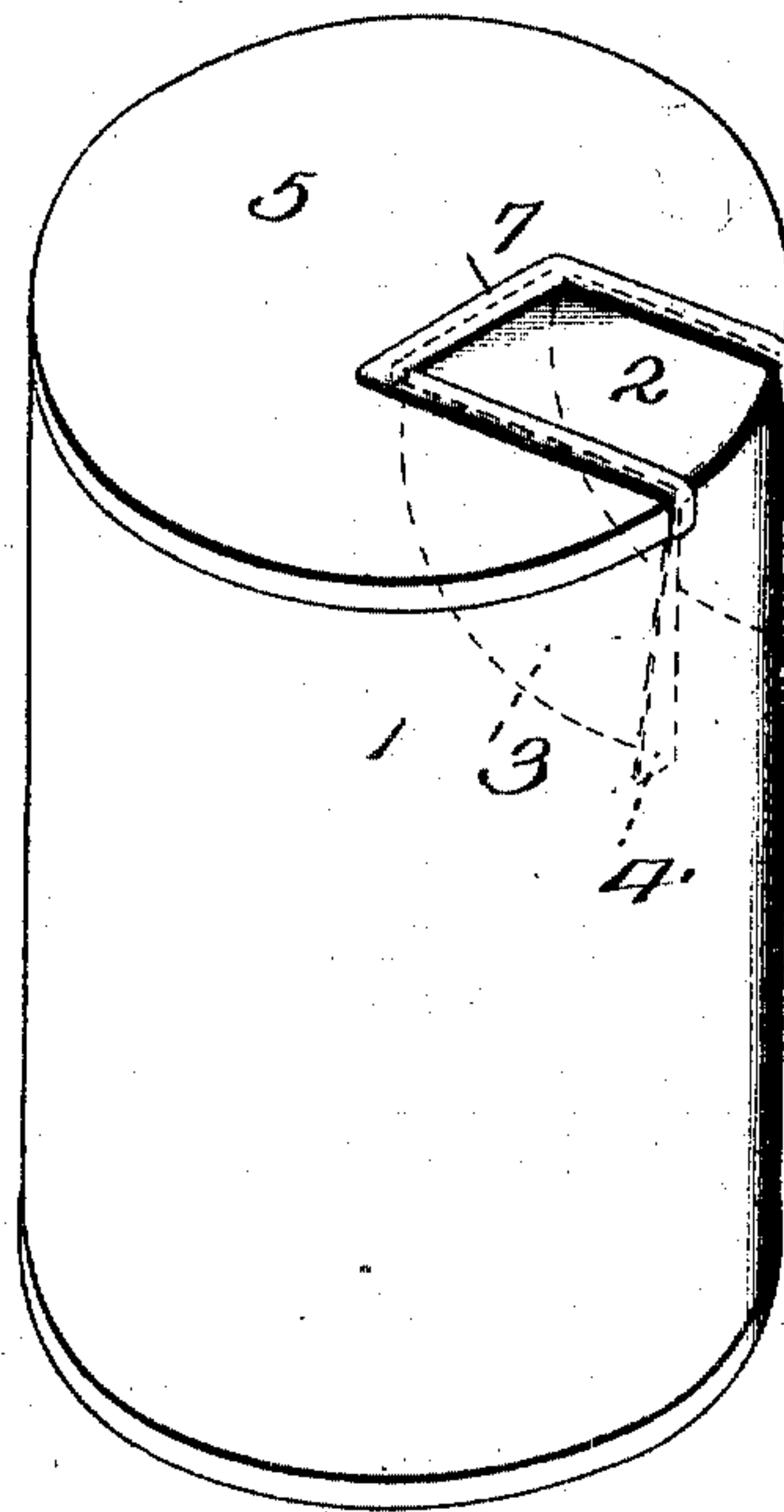


FIG. 4.

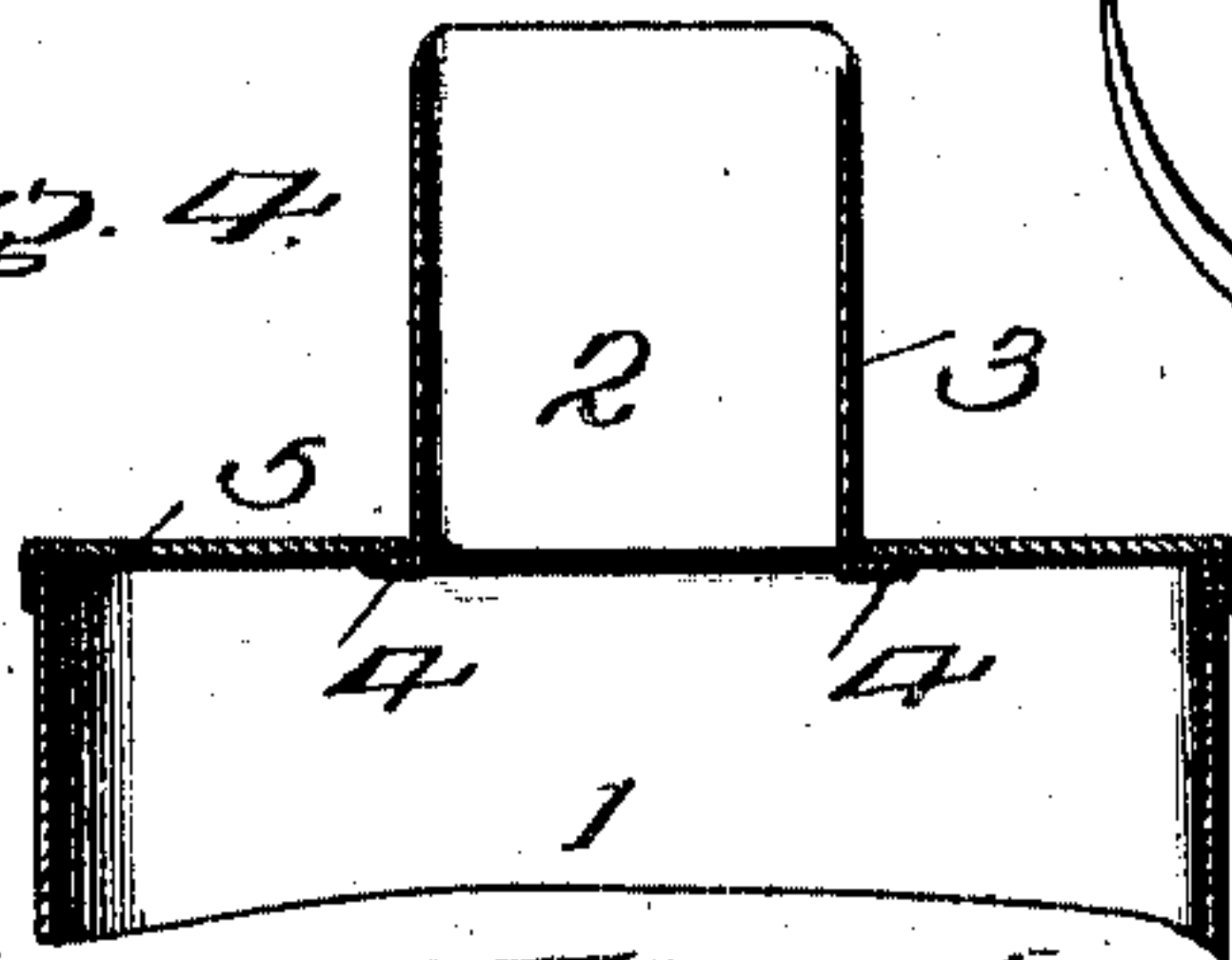
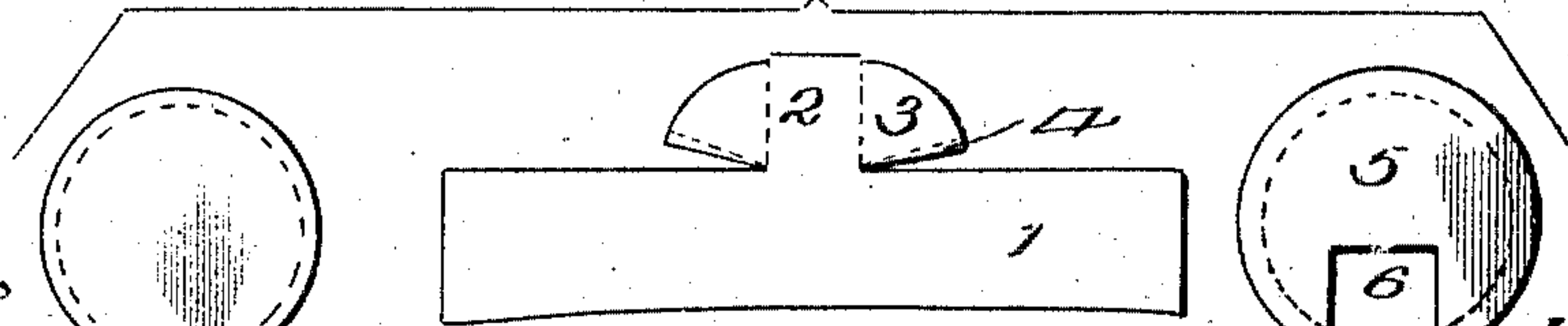


FIG. 5.



Witnesses

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CAN CLOSURE AND SPOUT.

SPECIFICATION forming part of Letters Patent No. 764,566, dated July 12, 1904.

Application filed October 5, 1903. Serial No. 175,820. (No model.)

To all whom it may concern:

Be it known that I, JAMES M. EDWARDS, of Morris Park, in the county of Queens and State of New York, have invented certain new and useful Improvements in Can Closures and Spouts; and I do hereby 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.

The object of this invention is to provide an improved combined can closure and spout whose construction will not add to the cost, labor, or time required in the manufacture of the article, which in its closed condition will effectively hermetically seal the contents, and which may be readily opened to form a convenient spout through which to empty the contents.

In the accompanying drawings, Figure 1 shows the blank forming the can-body and the closure and spout. Fig. 2 shows the spout opened. Fig. 3 shows the spout closed. Fig. 4 is a section on line 4 4, Fig. 2. Fig. 5 shows all the parts.

Referring to the drawings, 1 designates a can-body provided at its upper edge with a tang or extension 2, constituting the combined spout and closure, and having two side wings 3, bent downwardly therefrom and terminating in two outwardly-turned side flanges 4. In the manufacture the said can-body 1 and the tang 2, with its side wings and flanges, may all be made out of a single piece of sheet metal and in one operation of the stamping-machine, which latter may be so arranged that the tang 2 at the same time it is being stamped out may also be scored or impressed along the proper lines between the several component parts, so that such parts—namely, the side wings 3 and flanges 4—may then be readily bent by hand to the proper angular shape.

The top 5 of the can is provided with an edge opening or cut-away portion 6, adapted to receive the tang 2 when the latter is bent inwardly to form a closure, as shown in Fig. 3, in which operation the side wall or body

of the can serves as a stop for flanges 4 and insures the tang lying in the plane of the top. The tang is preferably bent inwardly before the top is attached to the body, the top being placed over said tang, so that the sides of its opening will form stops for flanges 4 to limit the outwardly-swinging movement of the tang when the latter is intended to be used as a spout. To seal the joint, I preferably employ a soft-solder ribbon 7, forming a rip-seam. When it is desired to open the can, the soft-solder ribbon is ripped off and the tang 2 bent outwardly into the position shown in Fig. 2, the movement thereof being limited, as described. Then the tang forms a convenient spout through which the contents of the can may be poured.

It is to be noted that the body of the can may be formed, with its combined closure and spout, in practically one operation and out of a single piece of sheet metal, that all fitting together of the parts is avoided, as would not be the case if the tang 2 and the body were formed as separate parts, and that the tang for its formation takes very little more metal than the ordinary can, because the opening 6 not only saves that much metal from being used in the construction of the can-top, but such opening provides means whereby the can may be filled while the tang is in the open or spout position, thereby avoiding the necessity of employing a cap to close the opening left in the ordinary can-head for the introduction of the contents.

I claim as my invention—

1. As an article of manufacture, a can having an edge opening in its top, and an integral member on the side wall or body of such can forming a spout for such opening and capable of being turned to constitute a closure therefor, such member having stops designed to contact with the sides of the opening when forming a spout, and to contact with said wall or body when closing the opening.

2. A can-body having at one of its edges an integral tang formed with side wings and

flanges at the free edges of such wings, a top
secured to the body and formed with an edge
opening designed to receive such tang and with
whose walls such flanges are designed to con-
5 tact, and a detachable sealing medium between
the tang and top.

In testimony whereof I have signed this

specification in the presence of two subscri-
ing witnesses.

JAMES M. EDWARDS.

Witnesses:

GRAFTON L. MCGILL,
FREDERICK S. STITT.