

No. 786,768.

PATENTED APR. 4, 1905.

L. H. KELLER.
INK BOTTLE HOLDER.
APPLICATION FILED DEC. 12, 1904.

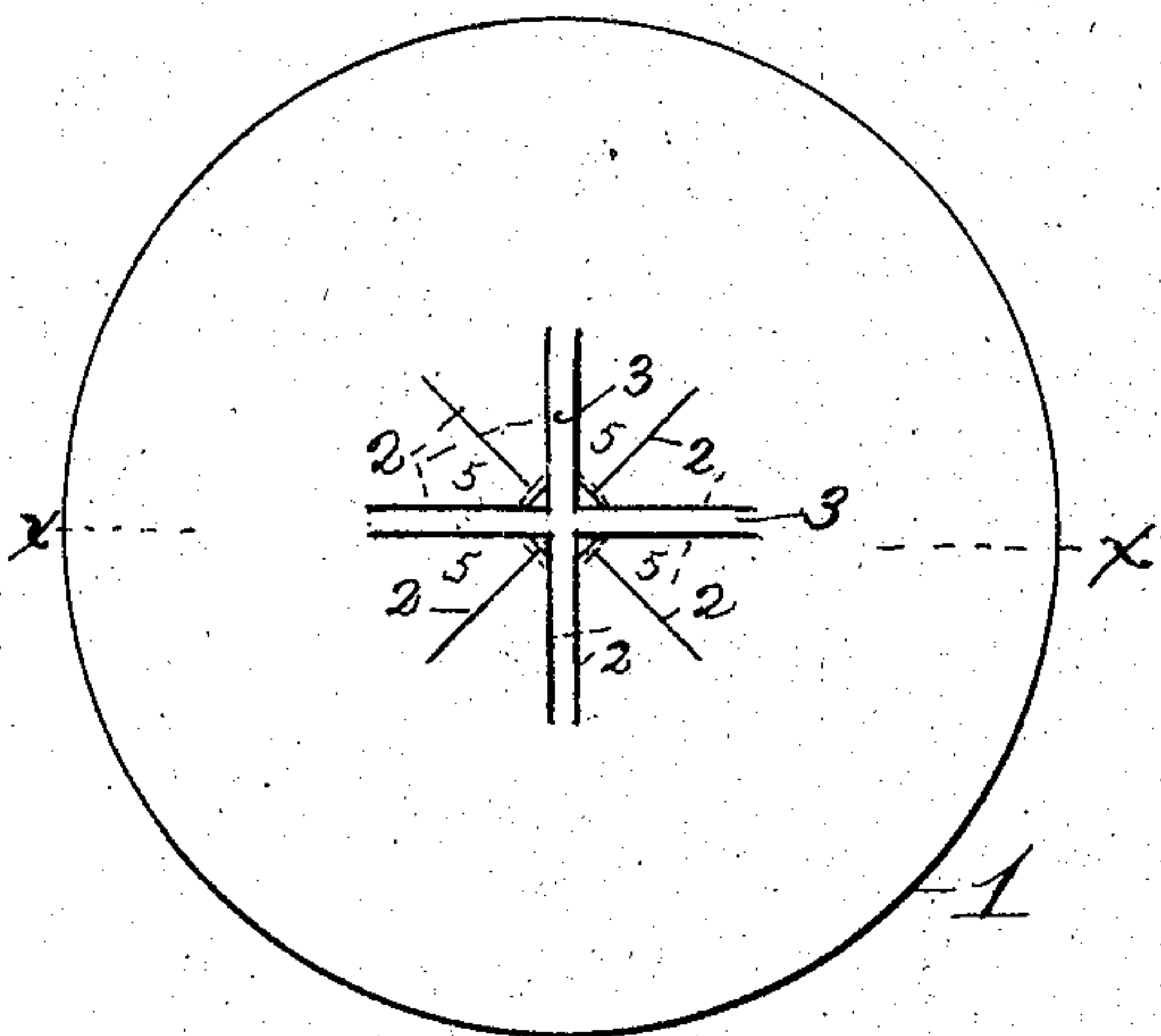


Fig. 1

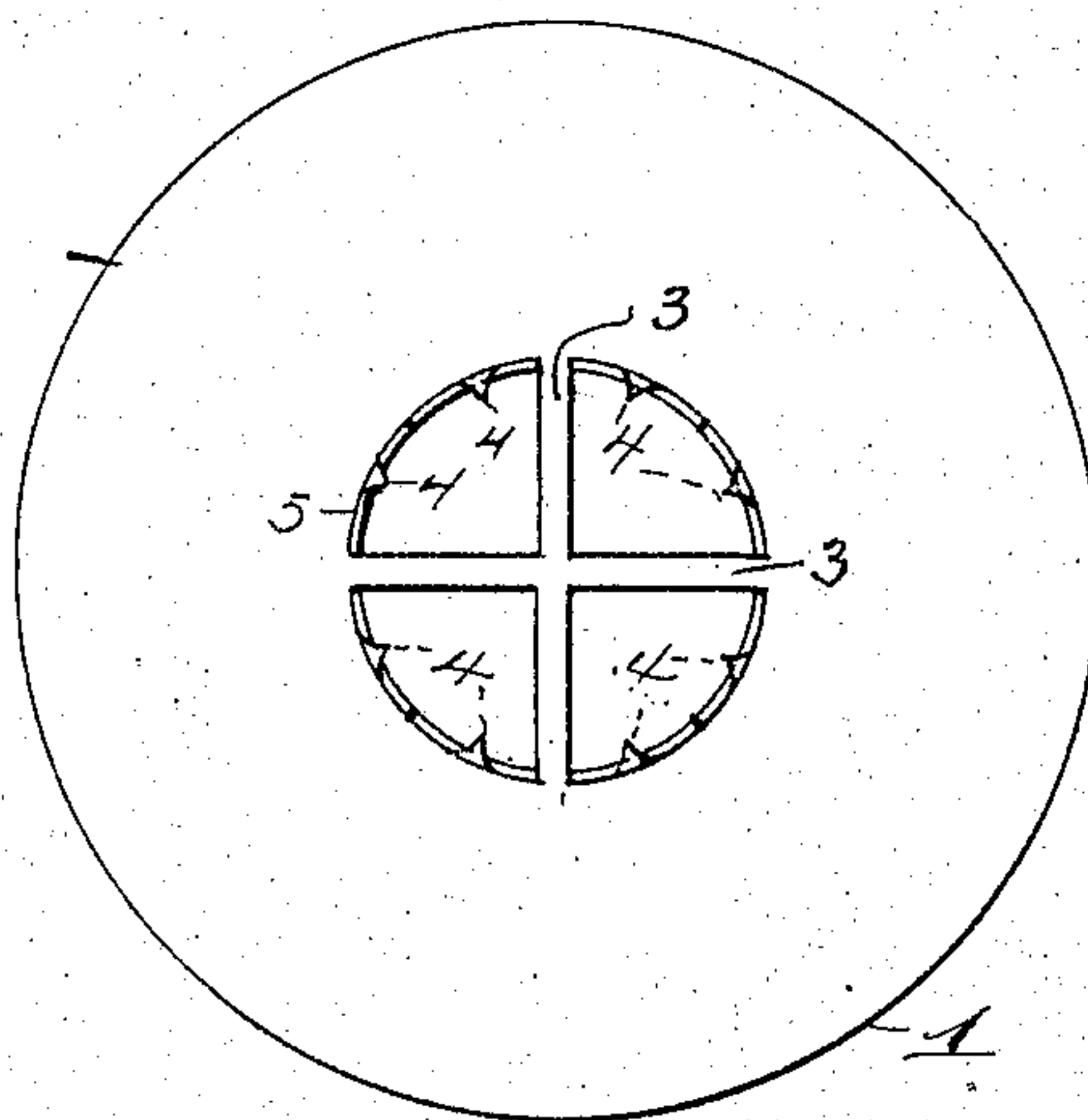


Fig. 3

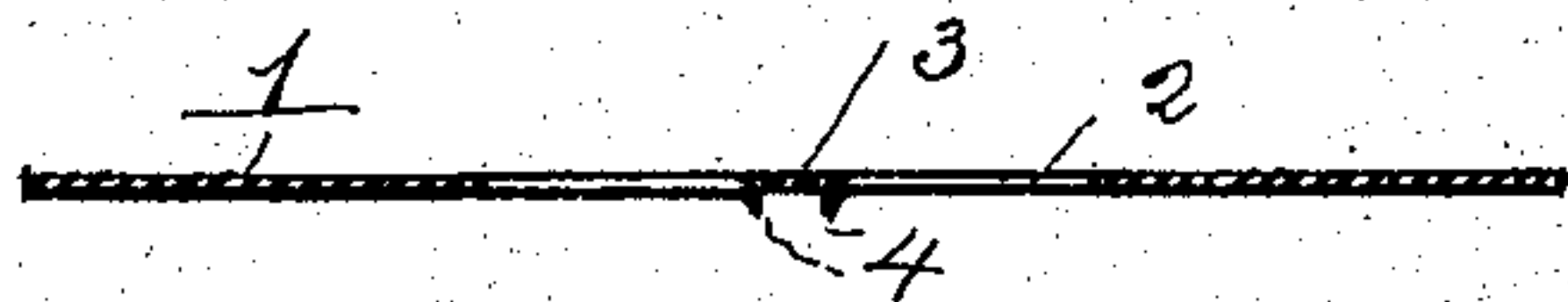


Fig. 2

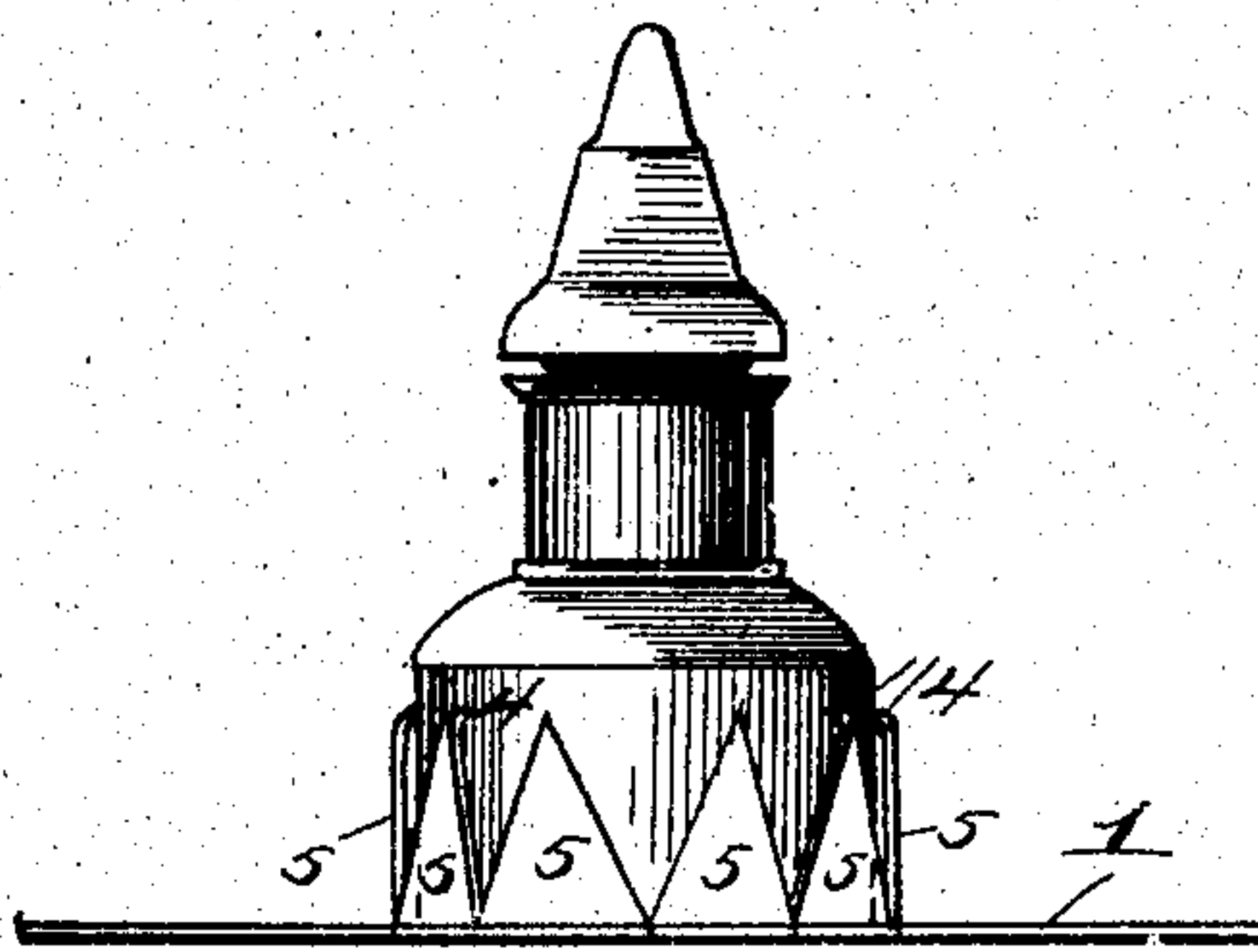


Fig. 4.

Witnesses
John Schwartz
Helle Enns

Inventor
Ludo H. Keller
by Wm. M. Morne
Attorney

UNITED STATES PATENT OFFICE.

LUDO H. KELLER, OF CLEVELAND, OHIO.

INK-BOTTLE HOLDER.

SPECIFICATION forming part of Letters Patent No. 786,768, dated April 4, 1905.

Application filed December 12, 1904. Serial No. 236,513.

To all whom it may concern:

Be it known that I, LUDO H. KELLER, a citizen of the United States, and a resident of Cleveland, county of Cuyahoga, State of Ohio, have invented certain new and useful Improvements in Ink-Bottle Holders, of which I hereby declare the following to be a full, clear, and exact description, such as will enable others skilled in the art to which it appertains to make and use the same.

The objects of the invention are to provide a holder for an ink-bottle of such a character as to increase its breadth of base, and thereby its stability, so that it cannot be readily tipped over when accidentally struck by any object, as the straight-edge or T-square of a draftsman. Heretofore this has caused great annoyance and been the cause of great expense and loss of time, since the fluid-ink bottles supplied to draftsmen have little stability and if tipped over upon a fresh drawing may ruin the work of hours of hard labor.

A further object is to provide a simple and efficient form of holder which can readily be shipped in the mails and can be quickly adjusted to engage the body of the bottle and being provided with a broad base will increase the stability thereof beyond the danger-point.

The invention consists in the disk-shaped device formed of elastic sheet metal and provided with internal grasping instrumentalities to engage and retain the bottle in a vertical position, with the details of construction, as hereinafter described, shown in the accompanying drawings, and specifically pointed out in the claims.

In the accompanying drawings, Figure 1 is a plan view of the device ready for shipment. Fig. 2 is a vertical section thereof on line *xx*, Fig. 1. Fig. 3 is a plan view of the device when ready to receive the ink-bottle; and Fig. 4 is a side elevation of the same, showing an ink-bottle in position and grasped by the engaging detents or arms and resting upon horizontal portions of the sheet-metal disk.

In the views, 1 is a sheet-metal disk used as the base of the device and made of elastic material, such as tin or brass, which is of sufficiently greater diameter than the ink-bottle

to be supported thereon to more than double its stability when the bottle is secured thereto. This is provided in the center with radial incisions 2 of equal length. These incisions, however, do not extend to the center; but the metal remains uncut in bands 3, which intersect in the form of a cross at the center. In this form the device can be inclosed in an envelop for mailing to any address, the only projecting portions beyond the face of the disk being the lightly-turned-down points 4 of the tips of the triangular portions 5, formed by the radial cuts described.

In Figs. 3 and 4 the device is shown adapted to use as a bottle-holder. Here the triangular portions are shown to be pushed upward, so that they stand vertically, and the bottle rests upon the cruciform bands 3, remaining across the central opening. The points 4 of the triangular portions then turn inwardly and serve to catch in the paper label upon the bottle and prevent the bottle from escaping therefrom. The strength of this engagement is greatly increased by the elastic qualities of the metal, which makes the points serve as spring-actuated keepers to retain the bottle.

I do not claim the exact shape of the detents or triangular portions nor the size or exact proportions of the disk, since changes of form or size can be made without departing from the spirit of the invention.

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

1. In a bottle-holder, a sheet-metal disk, of greater breadth and therefore of greater stability than the bottle, integral triangular portions thereof separated on two sides therefrom by means of radial lines, inwardly-turned tips to said triangular portions, and an integral cruciform center to said disk remaining after the triangular portions are cut therefrom, substantially as described.

2. In a bottle-holder, a sheet-metal disk provided with a central cruciform integral portion upon which the bottle is designed to rest and integral spring-detents cut in the disk from the angles adjacent to said cruciform portion, the said integral spring-detents being bent into a vertical position at right angles to

one side of the disk, and provided with inwardly - turned points, substantially as described.

3. In a bottle-holder, adapted for shipment
5 by mail, a flat sheet-metal disk, provided with an integral cruciform center, triangular integral detents or arms separated from one another and from the cruciform center by radial

lines, and turned-over points upon the detents, substantially as described. 10

In testimony whereof I have hereunto set my hand this 8th day of December, 1904.

LUDO H. KELLER.

Witnesses:

WM. M. MONROE,
C. L. CASE.