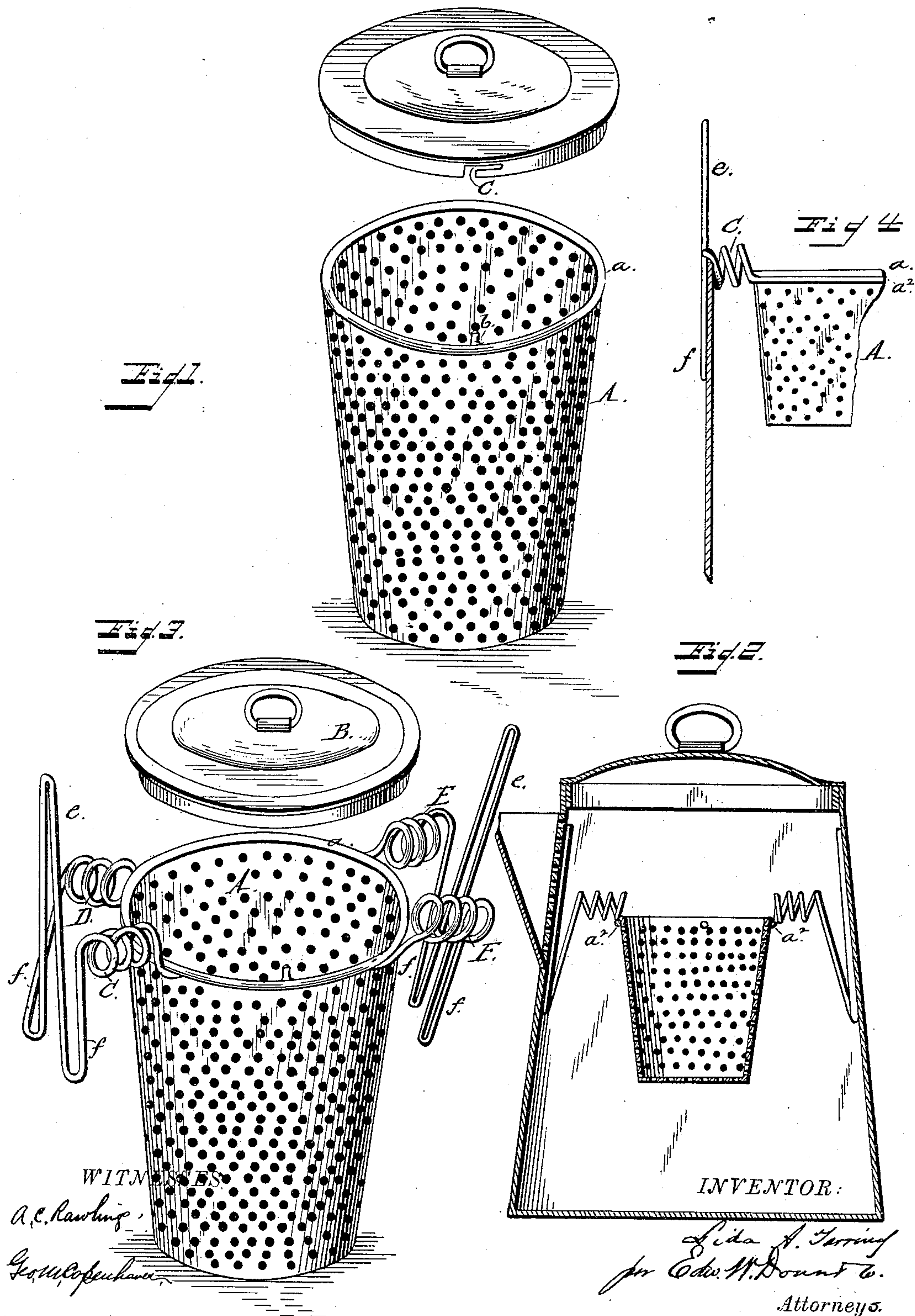


(No Model.)

L. A. TARRING.
HOLDER FOR STRAINERS.

No. 397,257.

Patented Feb. 5, 1889.



UNITED STATES PATENT OFFICE.

LIDA A. TARRING, OF BALTIMORE, MARYLAND.

HOLDER FOR STRAINERS.

SPECIFICATION forming part of Letters Patent No. 397,257, dated February 5, 1889.

Application filed March 21, 1888. Serial No. 268,019. (No model.)

To all whom it may concern:

Be it known that I, LIDA A. TARRING, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Holders for Strainers; 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.

This invention relates to a supporting frame or holder for a strainer. This holder consists of a wire ring having a diameter equal to the diameter of the strainer-vessel immediately below the strengthening-wire or turned edge. In connection with this ring, at opposite points of the same, I secure four spiral wires, which extend downward and upward in two tongues to each set; then rising upward said wires form a single tongue to each set.

The holder is intended to be used, first, to support the strainer-vessel, which fits within its ring, and hold the same suspended upon the side of a pitcher or mug or any other vessel which may be caught upon by the double tongues on either side of the said holder and held between the said tongues and the outer coil of the couples of coiled springs. A second use for the holder is found in its application to the inner surface of a vessel—for instance, a coffee or tea pot. In this application of the device the holder, after being compressed toward the axis of its ring, is slipped into the vessel and then released at any desired depth below the mouth of the same, to allow the expansion of the spring-coils on opposite sides to throw or force the three tongues on either side of the said holder to bear tightly against the inner surface of the vessel and thus hold itself and the strainer—when the latter is dropped in place in the said holder—to position for use.

In my drawings, Figure 1 is a perspective view showing the strainer and the holder as applied to the same. Fig. 2 is a vertical sectional view of the holder and strainer as applied to a tea-pot. Fig. 3 is a sectional view showing the application of the strainer and holder to the outside of the vessel. Fig. 4 is a section showing the application of the sup-

porter to the side of a vessel and a strainer supported thereon.

Similar reference-letters indicate like parts in all of the figures.

Referring to the drawings, A is the conical strainer perforated at its sides and bottom, and at its top turned over the stiffening-ring *a*, which has projecting inward from it a point, *b*.

B is the cover of the strainer, formed of sheet metal, in the usual manner of covers, and provided in its flange with an L-shaped slot, *c*.

Secured to the ring *a*², preferably at opposite points in couples, are the coils C D E F, either couple of which drops downward and then is bent upward and united to form the three tongues *e f f* for each set of coils.

In my drawings I show the ring *a*² a single piece of wire, and each set of the spring attachments as a single or continuous piece, though in practice I should probably make the ring and the attachments on both sides of a single piece of wire as a matter of economy.

The strainer and the supporter for the same may be made useful as a household article when applied to straining or filtering, whether used inside of a vessel or outside of the same; and it may be here observed that it is obvious, from the nature and form of the holder and its appendages, that the same when placed within a vessel will accommodate itself to the shape of the interior, whether it be cylindrical, conical, or of other form, the only requirements being that plain surfaces be presented sufficiently large to receive the compass of the upright tongues *e f f*. The same may also be said of the holder when the same is applied to the outside of a vessel. The yielding holds taken between the downwardly-projecting tongues *f f* and the spirals will render the holder applicable to the mouth of any vessel, whether curved, square, or other form, provided there is a regular surface equal to the distance between either pair of spirals.

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

1. The holder for the strainer, composed of a ring of metal extended laterally to form couples of spiral springs, and three tongues

on opposite sides of said ring, substantially as set forth.

5 2. The combination, with the strainer and the vessel upon which it is supported, of the holder formed of a metallic ring extended laterally on opposite sides into spirals, and tongue-shaped bearings adapted to take hold onto said vessel, as and for the purpose set forth.

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

LIDA A. TARRING.

Witnesses:

EDW. W. DONN,

O. M. BALL.