

950,888.

Patented Mar. 1, 1910.



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# UNITED STATES PATENT OFFICE.

NATHANIEL BARSTOW, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR TO N. BARSTOW COMPANY, A CORPORATION OF RHODE ISLAND.

TEA OR COFFEE STRAINER.

950,888.

Specification of Letters Patent.

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*To all whom it may concern:*

Be it known that I, NATHANIEL BARSTOW, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Tea or Coffee Strainers, of which the following is a specification.

My invention relates to tea and coffee strainers of all kinds and has for its objects the ends commonly sought in such devices; but, further and particularly, to prevent the accidental discharge from the drip cup of the drippings. Heretofore in devices of this character no provision whatever has been made for restraining, curbing, or controlling the drippings, with the result that the same after cooling were precipitated by a second or subsequent using, from the drip cup into the drinking cup; or were poured over the exterior of the latter, or upon the table.

To the end essentially of overcoming the above disadvantages, my invention consists in the novel construction and combination of parts hereinafter described and illustrated in the accompanying drawings, wherein:—

Figure 1 is a side elevation of my novel strainer. Figs. 2 and 3, are sections respectively on lines  $x x$  and  $y y$  of Fig. 1; and Fig. 4, is a plan view of same. Fig. 5 shows a modified arrangement of handle.

Like characters of reference indicate like parts throughout the views.

My device consists of a drip cup, A, comprising an upwardly and outwardly inclined wall,  $a$ , provided with an inturned marginal flange,  $a'$ , integral with or soldered to the upper margin of the cup, and preferably having a slight downward inclination toward the center of the cup. The free edge of this flange forms an opening  $a^2$ , in the top of the cup. Integral with or soldered to diametrically opposite points upon the top of the drip cup are standards, B; each provided with inwardly directed pivot points or projections,  $b$ , passing loosely through openings,  $b'$ , in the sides of a hemispherical strainer member, C, preferably formed of sheet metal and provided with a series of perforations,  $c$ , in its lower portion. Fixed to one of the standards, B, of

the cup in any convenient manner is a handle, D. If desired, the handle may be fixed to the wall,  $a$ , of the cup, as shown in Fig. 5, but a more sure equilibrium is attained by positioning the handle upon the standard.

During the pouring operation the drip cup is turned by the operating handle, D, into a position at right angles to its normal position, as shown in Fig. 3, whereby free passage of the beverage is permitted through the perforations of the member, C, into the drinking vessel, after which the device is returned to its original position, as shown in Fig. 1, whereupon dripping takes place through the opening,  $a^2$ , into the drip cup, A. The inclined surface of the flange,  $a'$ , tends to direct any accidental drip into the opening,  $a^2$ . The drip accumulated in the cup, A, is prevented by the flange,  $a'$ , when the strainer is in pouring position, as shown in Fig. 3, from egress from the cup.

What I claim is,

1. In a tea or coffee strainer, the combination with a drip cup and a handle, of standards fixed upon the cup, a strainer member pivotally mounted on the standards, and means upon the cup for directing the drip from the strainer member into the cup.

2. In a tea or coffee strainer, the combination with the drip cup, of standards fixed upon the cup, a strainer member pivotally mounted upon the standards, a fixed handle on the cup below the pivots of the strainer and an inturned downwardly directed flange upon the upper margin of the cup.

3. In a tea or coffee strainer, the combination with the drip cup, of fixed standards upon opposite sides of the cup, a substantially horizontally disposed fixed handle in the vertical plane of the standards, a strainer member pivotally mounted upon the standards above said handle, and means upon the cup for directing the drip from the strainer member into the cup.

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

NATHANIEL BARSTOW.

Witnesses:

HORATIO E. BELLOWS,  
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