No. 687,979. Patented Dec. 3, 1901.

D. CHAMBERS.

TEA STRAINER.

(Application filed July 3, 1901.)

(No Model.)

Fig. 1.

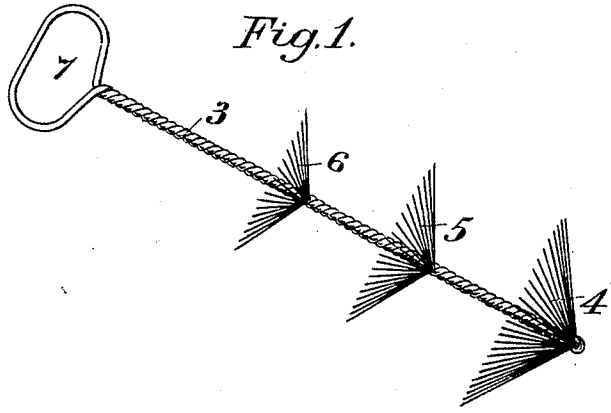
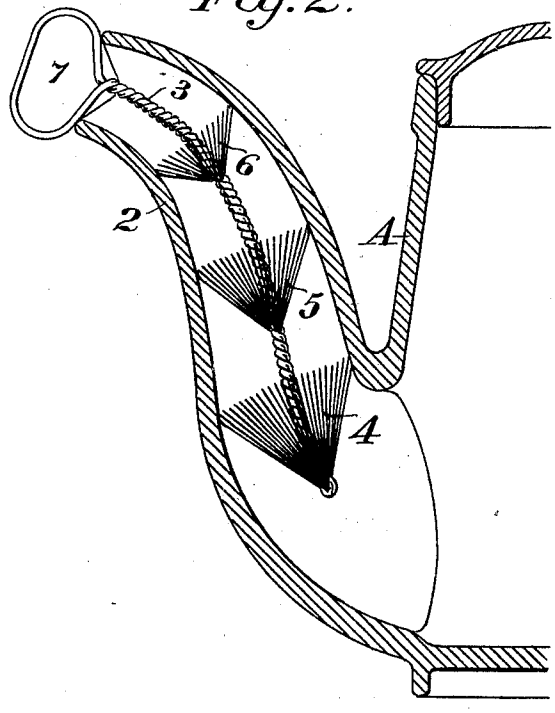


Fig. 2.



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DAVID CHAMBERS, OF SAN JOSE, CALIFORNIA, ASSIGNOR OF ONE-HALF TO LYDIA B. CHAMBERS, OF SAN JOSE, CALIFORNIA.

TEA-STRAINER.

SPECIFICATION forming part of Letters Patent No. 687,979, dated December 3, 1901.

Application filed July 3, 1901. Serial No. 66,988. (No model.)

To all whom it may concern:

Be it known that I, DAVID CHAMBERS, a citizen of England, residing at San Jose, county of Santa Clara, State of California, have invented an Improvement in Tea-Strainers; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to a device and attachment for the nozzles of teapots and the like for the purpose of preventing the escape of tea-leaves and sediment, so that the liquid will pass out of the spout in a clear condition.

It consists of one or more groups of elastic wire or hair-like filaments arranged to radiate from a central flexible support, to which they are connected at intervals, so that when inserted into the spout or nozzle they form radiating strainers at intervals from one end to the other. In connection with this is a loop or stop by which the device is retained in place.

Referring to the accompanying drawings, Figure 1 is a view of my device. Fig. 2 shows it in position for use.

A represents a teapot or equivalent receptacle having a discharge spout or nozzle 2.

3 is a flexible rod, which is here shown made of twisted wires.

4, 5, and 6 are a series of fine elastic wires, bristles, or other suitable material which are twisted into the wires 3, so that they form radially-disposed groups of such exterior circumference that they will fit within the nozzle or spout 2. As these spouts are usually made of gradually-decreasing diameter from the base to the discharge, the lower or innermost strainer 4 is made of the largest size, the next one of somewhat smaller, and thus decreasing in size to the last one, which is located nearer to the discharge end of the spout. These radial groups or strainers are like the ribs of an umbrella, so that the device can easily be introduced into the nozzle or spout by pushing it in from the outer end, the flexibilty of the wires or equivalent members allowing them to yield, so as to pass through the smaller part of the nozzle and to expand as they pass down until they arrive at their proper positions.

7 is a loop formed upon the outer end of the twisted wires which form the central portion, and this loop is of such diameter that it forms a stop against the outer end of the spout or nozzle, and thus prevents the device from slipping too far into the spout.

The angle of the radial wires is such that the outer ends pressing against the inside of the spout prevent its falling out; but it can be at any time withdrawn, because the spout being smooth the wires will yield and slip within it for this purpose, so that it can be readily cleansed at any time.

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

1. A strainer for teapots and the like adapted to fit the nozzles thereof, comprising radially-disposed bristles or wire and a twisted wire center.

2. A strainer for teapots and the like adapted to fit the nozzles thereof, consisting of a central flexible support and groups of radially-disposed filaments connected at intervals to said support.

3. The combination in a strainer for teapots and the like of a flexible twisted wire, groups of elastic wires or bristles twisted into said center and radiating therefrom at intervals, the ends of each group extending outward and forming contact with the interior of the spout or nozzle.

4. The combination in a strainer for teapots and the like of a flexible twisted wire, groups of elastic wires or bristles secured thereto at intervals and radiating so as to contact with the interior of the spout, and a loop formed in the outer end of the twisted wires to form a stop.

5. The combination with the spout of a teapot or the like, of a removable strainer consisting of a center formed of flexible twisted wires having a loop at the outer end to limit its inward movement, a plurality of groups of radial elastic wires or bristles fixed to the elastic center at intervals within the length of the spout, the ends of said wires extending outwardly and contacting with the interior of the spout.

In witness whereof I have hereunto set my hand.

DAVID CHAMBERS.

Witnesses:
S. H. NOURSE,
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