

(No Model.)

C. H. CHASE.
COFFEE POT.

No. 573,440.

Patented Dec. 22, 1896.

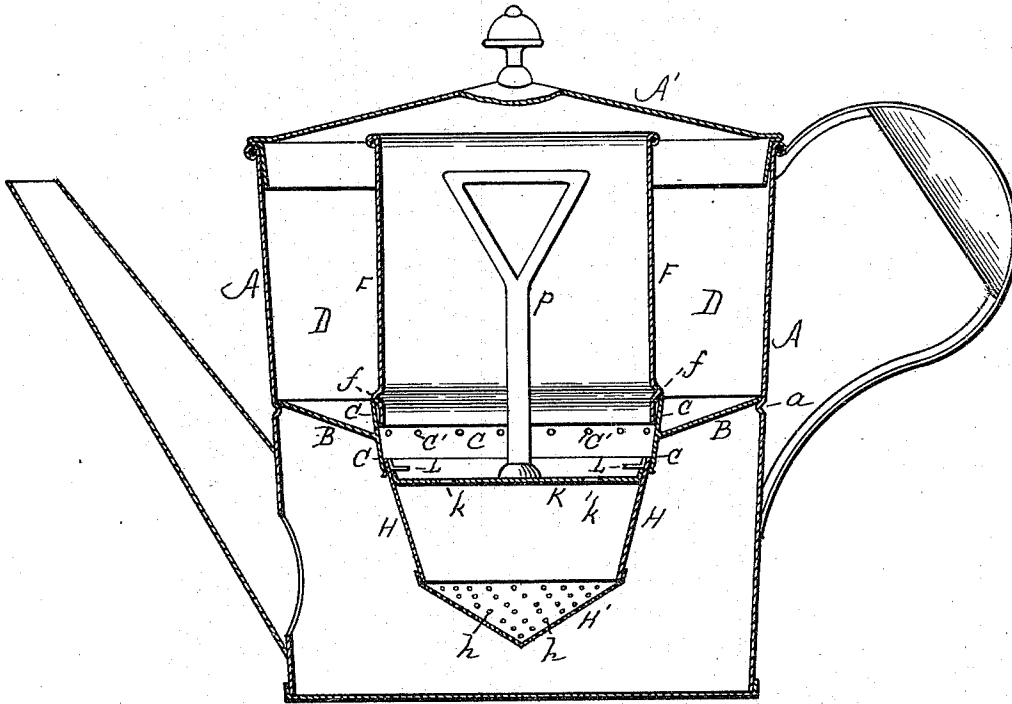


Fig. 1.

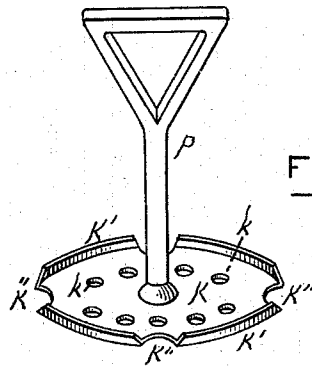


Fig. 2.

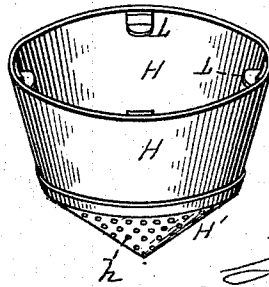


Fig. 3.

WITNESSES

A. A. Ponney.
C. G. Graydon.

INVENTOR

Charles H. Chase,

By his Atty

Henry W. Williams

UNITED STATES PATENT OFFICE.

CHARLES H. CHASE, OF NEWPORT, RHODE ISLAND.

COFFEE-POT.

SPECIFICATION forming part of Letters Patent No. 573,440, dated December 22, 1896.

Application filed July 15, 1896. Serial No. 599,275. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. CHASE, a citizen of the United States, residing in Newport, in the county of Newport and State of Rhode Island, have invented new and useful Improvements in Coffee-Pots, of which the following is a specification.

This invention relates to a novel construction and arrangement of parts fully described below, whereby the water is passed very slowly through the coffee and in such passage is sufficiently cooled to prevent boiling, and hence becomes thoroughly impregnated.

The nature of the invention in detail is fully described below and illustrated in the accompanying drawings, in which—

Figure 1 is a central vertical section of my improved coffee-pot. Fig. 2 is a view of the detachable perforated disk removed. Fig. 3 is a view of the coffee-holder removed.

Similar letters of reference indicate corresponding parts.

A represents the main body of the coffee-pot, provided with the usual cover A'.

B is a downwardly-inclined partition or flange extending inwardly from and with its outer edge resting upon the horizontal corrugation or step *a*, formed in the body A. Rigidly secured to or integral with the inner edge of the partition B is the tapered ring C, provided with suitable perforations C'. The partition B divides the water-chamber D from the decoction-chamber E. Resting by means of the annular shoulder *f* on the upper edge of the tapered ring C is the removable central cylinder F, while the lower portion of the tapered ring supports, by means of its shape, the cone-shaped coffee-receptacle H, whose bottom H' is provided with perforations *h*. Resting in this coffee-holder H, by means of its flange or rim K', is the removable perforated disk K, provided with perforations *k*, and having its sides or flanges K' formed to correspond with the tapered sides of the coffee-holder H. The periphery of the disk K is notched at K'' in order to let said disk down by the inward projections L, secured to the inner surface of the coffee-holder, when a slight turn of said disk locks it under said projections. A handle P extends up centrally from the disk K to a convenient height within the cylinder F.

The coffee having been placed in the coffee-

holder H and the parts arranged in the position indicated in Fig. 1, water is poured into the chamber D, from which it passes through the perforations C' in the ring C into the chamber above the disk K, thence through the perforations *k* in said disk into the coffee-holder H, and thence it percolates slowly through the coffee and through the perforations *h* in the bottom H' into the decoction-chamber E. This is a comparatively slow process, taking usually from four to six minutes. Hence the water not only becomes thoroughly impregnated, but while passing from the chamber D through the perforations C' and *k* has time to cool sufficiently to prevent any boiling at the time it reaches the coffee. It is well to remove a cupful from the chamber E and return it to the coffee-pot after the process above described.

To remove the grounds, the coffee-holder H can be lifted out by means of the handle P and the disk K, whose edges lie under the projections L. It will be seen that said disk and coffee-holder and the cylinder F are all easily removable for cleansing purposes.

The relative sizes of the perforations *h*, C', and *k* are such as to sufficiently retard the progress of the water to and through the coffee.

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

The herein-described improved coffee-pot, comprising the ordinary sides A; the downwardly-inclined inward partition B provided on its inner edges with the tapered perforated ring C' and supported by said sides; the cylinder F supported by said ring, said cylinder, ring and partition constituting, with the sides of the coffee-pot, a separate water-chamber; the cone-shaped coffee-holder H supported in and by the lower portion of the ring C and provided with the perforated bottom H'; and the perforated disk K' resting in and supported by the upper portion of the sides of the coffee-holder H and provided with the handle P extending into the central cylinder, substantially as described.

CHARLES H. CHASE.

Witnesses:

ROBERT A. RANDALL,
FRANK L. WARD.