

(No Model.)

F. J. BICKNELL.

COFFEE POT.

No. 297,059.

Patented Apr. 15, 1884.

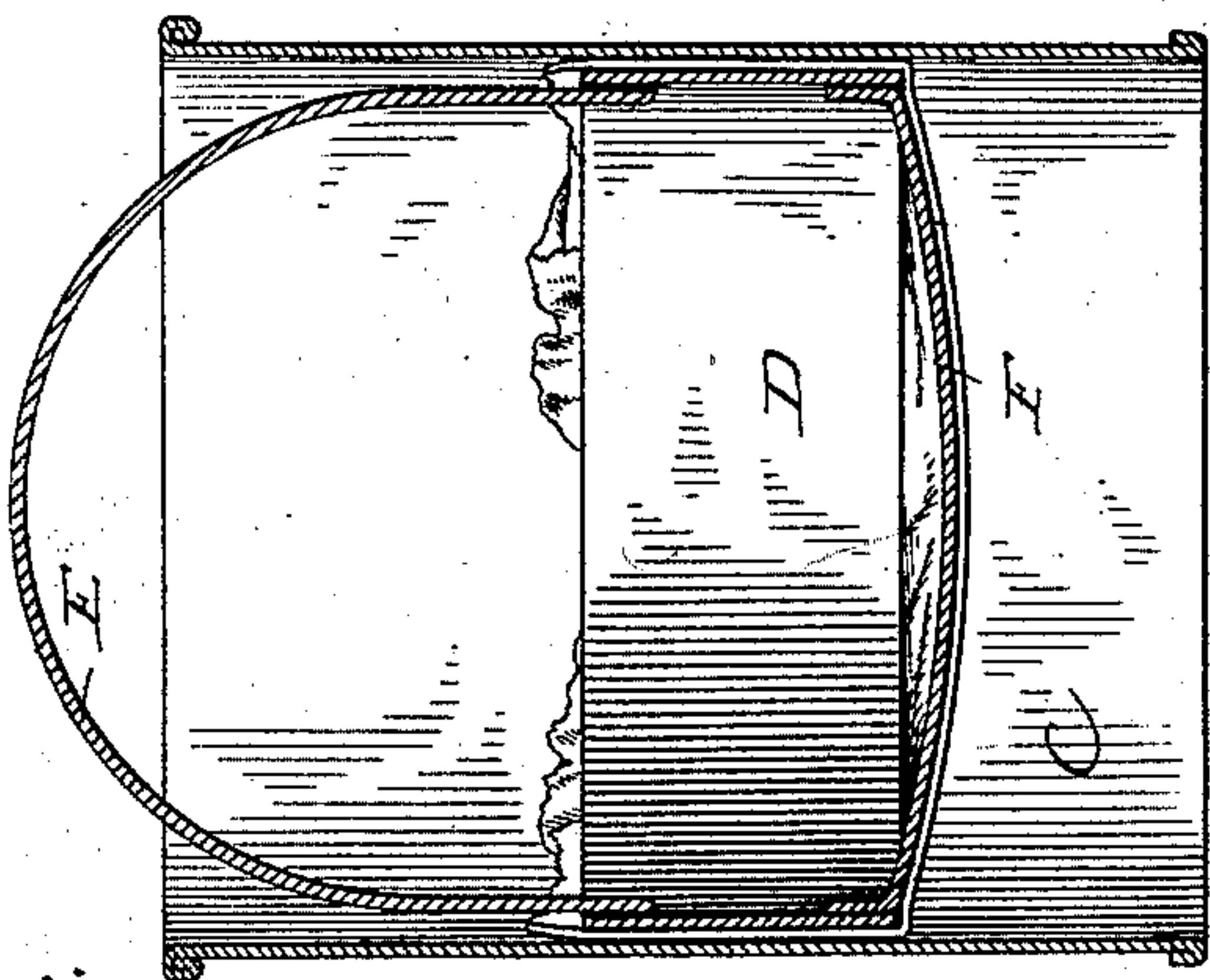


Fig. 2.

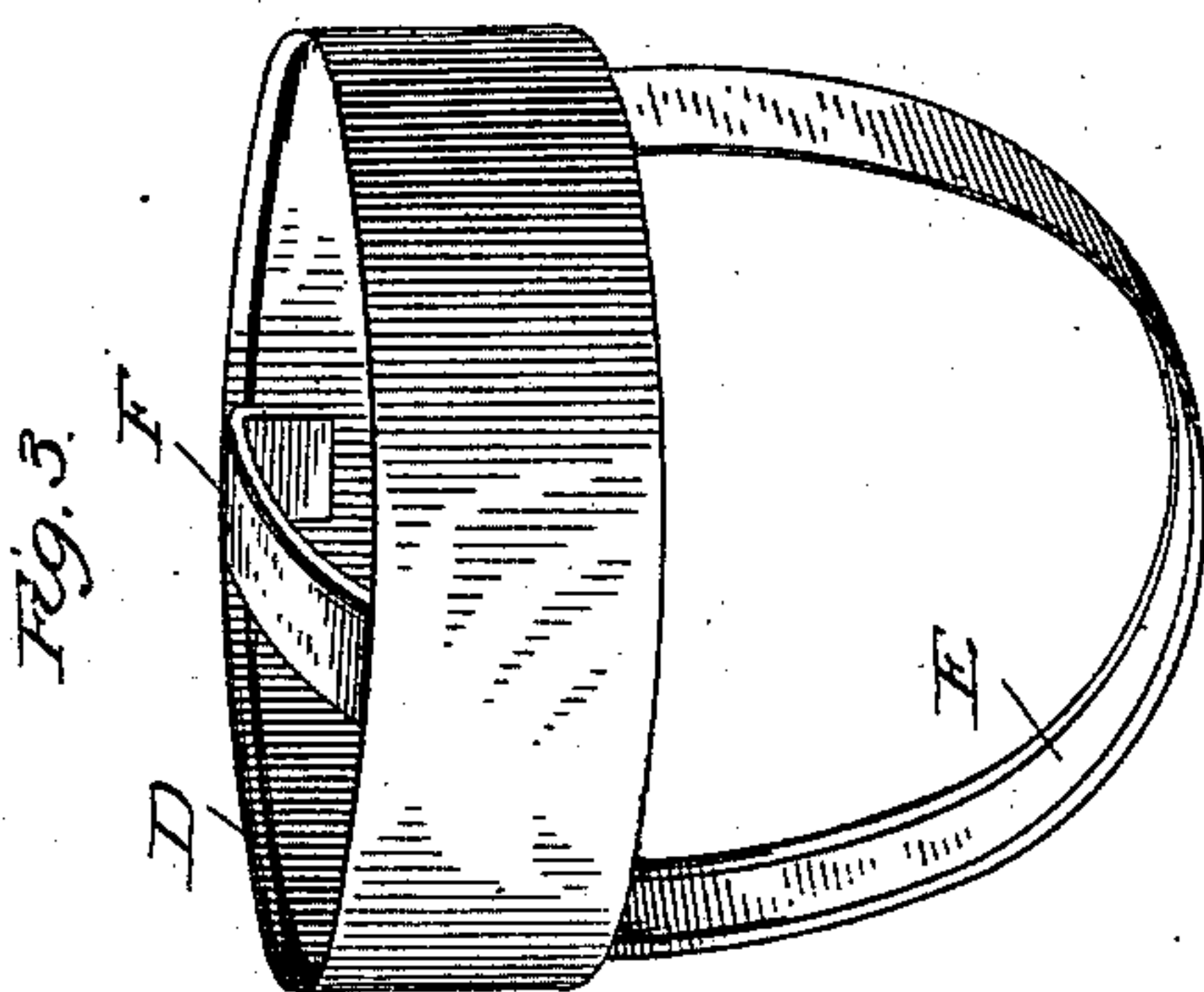


Fig. 3.

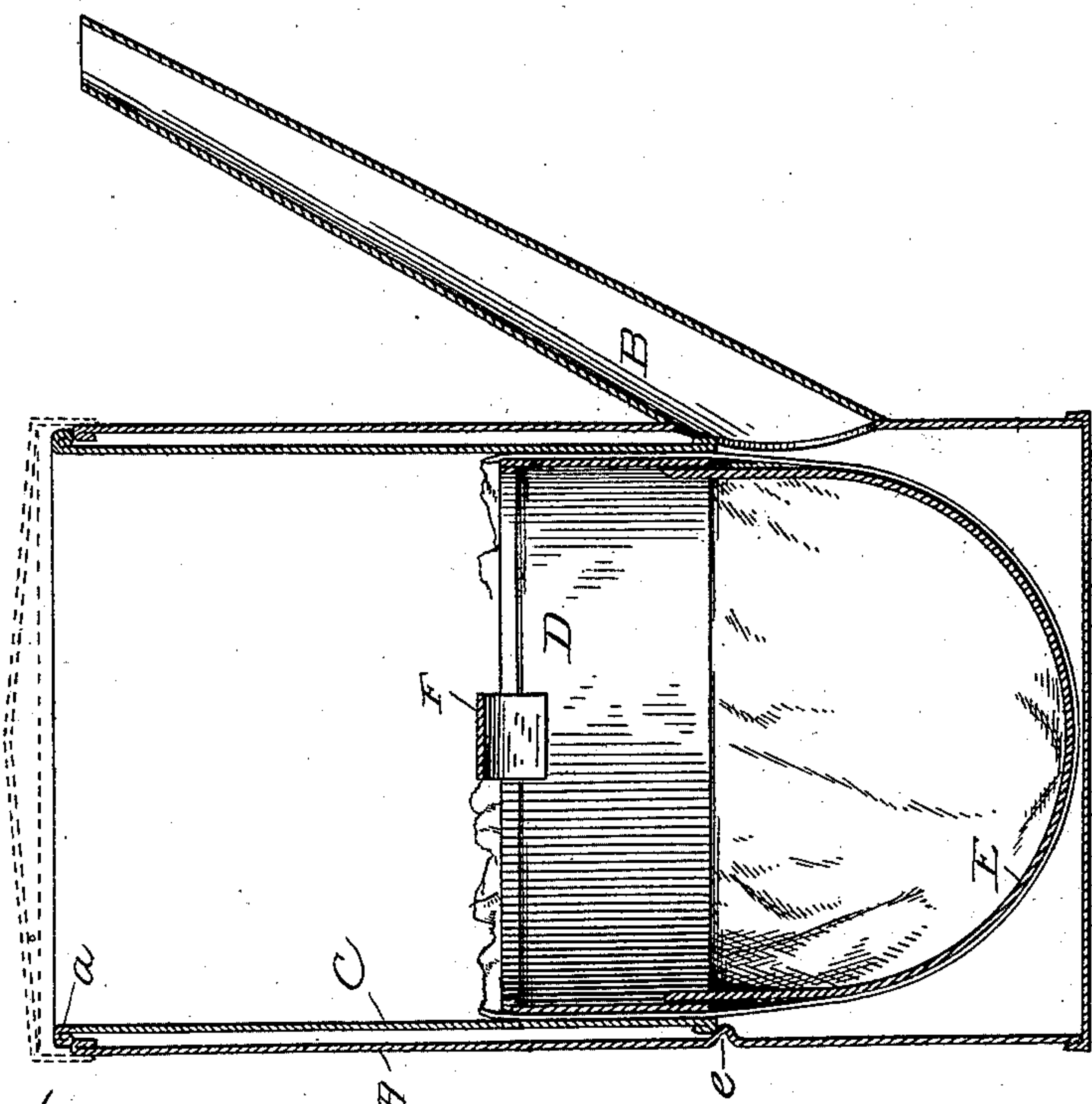


Fig. 1.

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UNITED STATES PATENT OFFICE.

FRED J. BICKNELL, OF ROCKLAND, MAINE.

COFFEE-POT.

SPECIFICATION forming part of Letters Patent No. 297,059, dated April 15, 1884.

Application filed October 31, 1883. (No model.)

To all whom it may concern:

Be it known that I FRED J. BICKNELL, of Rockland, in the county of Knox and State of Maine, have invented a new and useful Improvement in Coffee-Pots; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention relates to an improvement in coffee-pots, and more particularly to an improved construction of adjustable and removable filter or strainer adapted to be used either for boiling, steeping, or percolating.

I have illustrated my device in the accompanying drawings, in which Figure 1 is a central section through the coffee-pot, taken vertically. Fig. 2 is a detail sectional view of the cylinder and hoops. Fig. 3 is a perspective view of the interior ring and hoops.

In the drawings, A represents an ordinary sheet-metal coffee-pot with the ordinary discharging-nose, B.

C is a sheet-metal cylinder, having a flange, *a*, formed from its upper edge, by which it is suspended from the upper edge of the coffee-pot, so as to be easily removable. The cylinder extends down nearly or quite to the outlet of the nose.

Within the cylinder C is a movable ring, D, which is ordinarily held in position by friction against the inner wall of the cylinder C, but may be moved up or down within the said cylinder. Secured to the ring is a hoop, E, of such extent that when the ring is at the lower end of cylinder C, such hoop will rest on the bottom of the coffee-pot.

F is a handle connected in like manner to the opposite side of the ring.

It should be mentioned here that it is not necessary to suspend the cylinder C from the top of the coffee-pot, though I prefer that construction as most convenient. It may rest upon a bead formed in the walls of the coffee-pot, as at *e*, Fig. 1, or may be supported in any other suitable manner.

In boiling or steeping coffee the cylinder C is suspended or otherwise placed in position in the pot. Over the top is placed a piece of filtering or straining material—for example, cotton cloth or other textile material. The ring D is then taken by the handle and pushed into the cylinder, crowding the cloth down and forming a filtering-bag, the bottom of

which is distended by the hoop E. The amount of coffee which it is desired to make will regulate the position of the ring within the cylinder. The coffee, either coarsely or finely ground, is poured into the bag with the water, and it may be allowed to steep or boil as long as necessary. The circular shape given the bottom of the bag by the hoop E prevents such bag from interfering with the pouring of the coffee, and, moreover, prevents the boiling water from lifting the bag up to the walls of the cylinder, as would be the case if it were flat.

The device may be used as a percolator by placing the filtering cloth over the bottom of the cylinder C, pushing the ring into the cylinder from the bottom, (in this case using the hoop E as a handle,) and then placing the entire device in the coffee-pot, in the manner before described, either by suspending the cylinder from the flange or resting it upon a bead or cleat. In this case the straining-cloth will be flat within the cylinder, and in this position forms a very effective percolator. In either case the coffee is effectually cleared, and may be poured from the pot without removing the filtering device.

Having described my invention, I claim—
1. An attachment to coffee-pots, consisting of a cylinder open at both ends and supported within the pot, the adjustable ring within the cylinder provided with the parts E and F, for the purpose set forth, and a straining substance, all as set forth.

2. The attachment to coffee-pots, consisting of a cylinder supported within the pot, and an adjustable ring within the cylinder, provided with a handle, F, upon the upper side, and a curved hoop, E, upon the under side, substantially as described.

3. In combination with the inner cylinder, the ring having hoop E upon its under side, adapted to distend the straining material, and the handle F.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FRED J. BICKNELL.

Witnesses:

ORRIS S. ANDREWS,
CHARLES F. KITTREDGE.