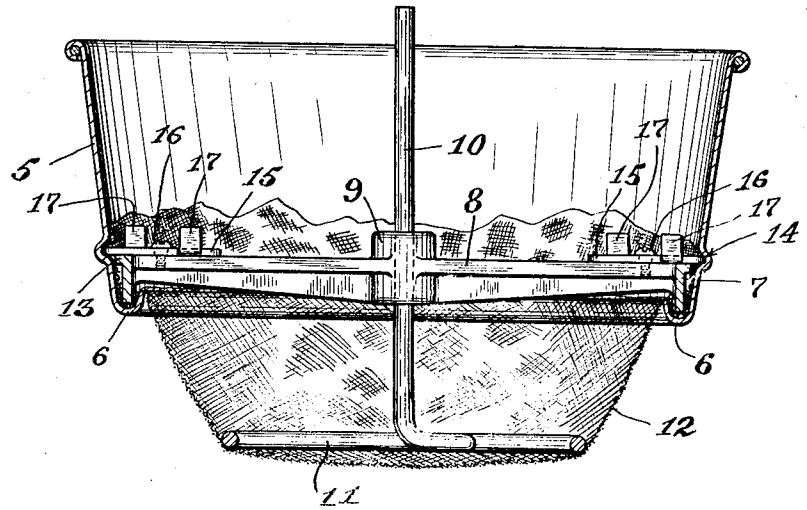
J. N. SHAW.

ATTACHMENT FOR COFFEE URNS.

APPLICATION FILED NOV. 11, 1919.

**1,331,032.** Patented Feb. 17, 1920.

*Fig. 1*



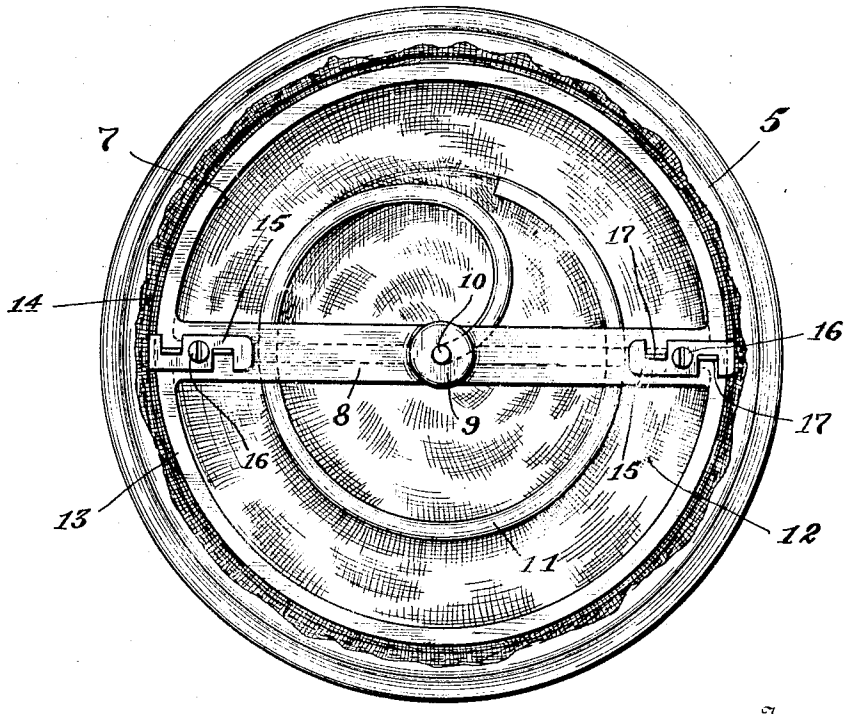




*Fig. 2*

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# UNITED STATES PATENT OFFICE.

JOHN N. SHAW, OF SEATTLE, WASHINGTON.

## ATTACHMENT FOR COFFEE-URNS.

1,331,032. Specification of Letters Patent. **Patented Feb. 17, 1920.**

Application filed November 11, 1919. Serial No. 337,239.

*To all whom it may concern:*

Be it known that I, JOHN N. SHAW, a citizen of the United States, residing at Seattle, in the county of King and State of Washington, have invented a certain new and useful Improvement in Attachments for Coffee-Urns, of which the following is a specification.

My invention relates to improvements in attachments for coffee urns and more particularly to improvements in the cloth receptacle disclosed in my pending application for a coffee urn, filed August 11, 1919, Serial No. 316,890, and the object of my invention is to provide means on the cylindrical shell of the receptacle that is adapted to engage with means on the cross-bar of the retaining member disposed within said receptacle to securely lock said member in position when the latter is seated within the cylindrical shell of the receptacle to thereby positively hold the cloth in said receptacle in any fixed desired position.

With the above and other objects in view which will appear as my description proceeds, my invention resides in the novel construction, adaptation, combination and arrangement of parts hereinafter described and claimed.

I accomplish these objects by devices illustrated in the accompanying drawings, wherein—

Figure 1 is a view in vertical cross-section of a receptacle embodying the features of my invention, and

Fig. 2 is a top plan view of the same.

Referring to the drawings, throughout which like reference numerals indicate like parts, the numeral 5 designates a tapered cylindrical shell, preferably formed of tin or similar metal, and adapted to be removably suspended within the upper end of a coffee urn, not shown.

The shell 5 is provided at its bottom end with an upwardly curved internally projecting flange 6 to thereby form an annular groove for the reception of the lower end of a cloth retaining ring 7, the latter having a diametrically disposed integral cross-bar 8 said cross-bar 8 being provided with a central boss 9.

A stem 10 is disposed within an axial hole in the boss 9 and adapted for free axial movement therein.

The lower end of the stem 10 is bent or otherwise formed in the shape of a spiral foot 11 said foot 11 being preferably made of a smaller diameter than the ring 7 and adapted to engage with and distend, by its own weight, a cloth 12 of any suitable material in the form of a bag for the reception of the ground coffee, as more clearly shown in Fig. 1.

The size of the bag formed by that portion of the cloth 12 that hangs below the shell 5 may be varied to suit the quantity of ground coffee that is to be used therein by varying the amount of cloth that hangs below the said shell 5, the aforesaid portion being held distended by the weight of the stem 10 slidably mounted in the boss 9 and the spiral foot 11.

To support and fixedly retain the cloth 12 in any desired position the upper edges of the cloth overlap the curved flange 6 of the shell 5, the said edges being disposed between and positively held by the ring 7 seating in the annular groove formed by the flange 6, thereby securely clamping the cloth 12 in the aforesaid desired position.

The ring 7 is provided on its upper end with a peripheral flange 13, the latter being adapted to fit snugly against the inner wall of the shell 5 to prevent water passing downwardly around the outer edge of the said ring 7.

To positively lock or clamp the retaining ring 7 in position, I have formed on the inner wall of the cylindrical shell 5 adjacent to its lower end thereof, an annular groove 14 adapted to be engaged by locking members 15 carried by the ring 7.

The locking members 15 are disposed on the upper face of the cross-bar 8 and contiguous to the ends thereof, said members 15 being pivoted to the cross-bar 8 as by pins 16.

To facilitate the operation of locking and unlocking the ring 7, I have formed ears or wings 17 on the members 15, said ears 17 being preferably stamped out of the members 15 as it will be readily understood.

To assemble the elements comprising my device the cloth 12 is spread over the spiral foot 11 with its edges lapping over the retaining ring 7, the latter is inserted in the cylindrical shell 5 and pressed downwardly until the lower edge of said ring 7 enters the annular groove formed by the curved flange 6, the locking members 15 are then turned to

engage in the annular groove 14 to thereby securely clamp the ring 7 and the cloth 12 in the desired position.

Manifestly, changes may be made in the forms, dimensions and arrangement of parts of my invention without departing from the spirit thereof.

What I claim is:

1. In a device for forming a bag of variable size from a piece of cloth comprising a cylindrical shell having an upwardly curved internal flange forming an annular groove therein and also formed with a groove on its inner side, a ring adapted to seat within said groove, a piece of cloth arranged to be held between said flange and said ring and locking members carried by said ring adapted to engage said last named groove to lock said ring to said shell.

2. In a device for forming a bag of variable size from a piece of cloth comprising a cylindrical shell having an annular groove therein, a ring adapted to seat in said groove, a piece of cloth adapted to be held between said annular groove and said ring, a stem slidably disposed within said ring, a spiral foot disposed upon the lower end of said stem and adapted to engage and distend the said cloth and locking means carried by the said ring to engage means on the said shell to lock said ring to said shell.

3. In a device for forming a bag of variable size from a piece of cloth comprising a cylindrical shell having an upwardly curved internal flange forming an annular groove therein, a ring adapted to seat in said groove, a piece of cloth having its outer portion secured between said ring and said curved flange, means slidably disposed within said ring and projecting downwardly therefrom and adapted to engage said cloth and locking members carried by said ring to engage means on said shell to fixedly secure said ring to said shell.

4. In a device for forming a bag of variable size from a piece of cloth comprising a cylindrical shell having an upwardly curved internal flange forming an annular groove therein, a ring adapted to seat within said groove, a piece of cloth adapted to be secured between the said flange and the said ring, locking members carried by said ring to engage an annular groove formed on the inner wall of the said shell to lock the said ring to the said shell and a stem slidably disposed within said ring adapted to engage and to distend the said cloth in a bag-shaped formation.

5. In a device for forming a bag of variable size from a piece of cloth comprising a cylindrical shell having an upwardly curved internal flange forming an annular groove therein, a ring adapted to seat within said groove, a piece of cloth adapted to be secured between the said flange and the said ring, locking members carried by said ring to lock the said ring to the said shell and a stem slidably disposed within said ring and an integral spiral foot formed on the lower end of said stem adapted to engage and distend the said cloth in a bag-shaped formation.

6. In a device for forming a bag of variable size from a piece of cloth comprising a tapered cylindrical shell having an upwardly curved internal flange forming an annular groove at the lower end of the said shell, a ring adapted to seat within said groove, a cross-bar on said ring perpendicular to the plane thereof and having an axial alined hole therein, a stem adapted for axial movement in said hole, an integral spiral foot formed on the lower end of said stem in a plane perpendicular to the axis of said stem, a cloth disposed around said spiral foot and adapted to be fixedly secured between said ring and said shell and clamping means carried by said ring to engage means on said shell to clamp the said ring to said shell.

In witness whereof, I hereunto subscribe my name this 5th day of November A. D. 1919.

JOHN N. SHAW