

W. D. FACKLER.
 DRINKING CUP.
 APPLICATION FILED APR. 3, 1917.

1,264,040.

Patented Apr. 23, 1918.

Fig. 1.

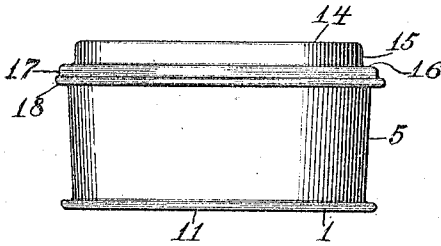


Fig. 2.

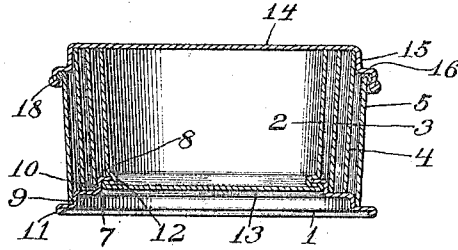
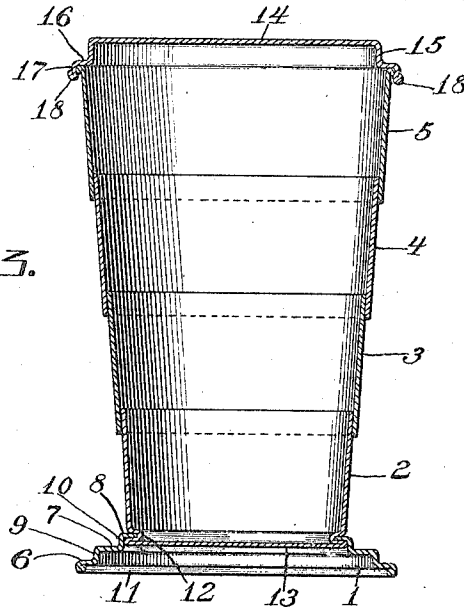


Fig. 3.



WITNESSES

G. E. Logan Jr.
Rodney M. Smith

INVENTOR

Wallace D. Fackler

BY

Victor J. Evans

ATTORNEY

UNITED STATES PATENT OFFICE.

WALLACE D. FACKLER, OF CHICAGO, ILLINOIS.

DRINKING-CUP.

1,264,040.

Specification of Letters Patent. Patented Apr. 23, 1918.

Application filed April 3, 1917. Serial No. 159,570.

To all whom it may concern:

Be it known that I, WALLACE D. FACKLER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Drinking-Cups, of which the following is a specification.

This invention relates to collapsible drinking cups and comprehends the provision of a drinking cup so constructed that when in collapsed position the sections thereof will not rattle.

One of the objects of the invention is to provide a collapsible drinking cup having a plurality of frusto-conical sections which when the cup is collapsed are held firmly between the cover and base in clamping engagement with one or the other of these members, thus preventing the sections rattling against each other.

Another object of the invention is to generally improve collapsible drinking cups to render them more practical, useful and commercially desirable.

With these and other objects in view as will become more apparent as the description proceeds, the invention consists in certain novel features of construction, combination and arrangement of parts as will be hereinafter fully described, illustrated and claimed.

In the drawings,

Figure 1 is a side elevation of the cup when in collapsed position.

Fig. 2 is a vertical sectional view through Fig. 1, and

Fig. 3 is a vertical sectional view through the cup in open position.

Referring in detail to the drawings by numerals, 1 designates as an entirety the base of the cup, 2 the bottom frusto-conical section, 3, 4 the intermediate frusto-conical sections and 5 the upper or top frusto-conical section. These sections are adapted to collapse over one another in the usual fashion when the cup is closed and when the cup is opened, the upper portion of one section will closely fit into the bottom portion of the next higher section as shown.

The base 1 is cylindrical and of step formation having the flanges or treads 6, 7 and 8 and the substantially vertical shoulders or rises 9, 10. The lower hori-

zontal portion 6 is formed on its free edge with an under turned reinforcing bead 11 and the upper horizontal portion 8 is seamed to the bottom section 2 of the cup as indicated by the numeral 12. The bottom 13 of the cup is formed integrally with the base section 2 as shown.

The cover 14 is also of step formation having the depending flange 15, the horizontal flange or extension 16 and the depending terminal flange 17.

When the cup is collapsed, the intermediate sections 3, 4 rest upon the horizontal portion 7 of the base and the upper section 5 rests upon the horizontal portion 6 of the base. The upstanding portions 9 and 10 are inclined slightly upwardly and inwardly so that the sections 3 and 5 will clamp against these upstanding portions when forced downwardly, and the greater the downward pressure the greater the clamping action. The section 4 is engaged at its upper end by the outwardly and downwardly inclined flange or shoulder 15 and is clamped tightly thereagainst. The terminal depending flange 17 of the cover snaps into engagement with the roll or bead 18 on the top edge of the top section 5 and clamps the cover firmly to these sections.

It will be seen from the foregoing description that the lower intermediate section 3 is clamped to the base, that the upper intermediate section 4 is clamped to the cover and that the top section 5 is clamped to both the base and cover. This arrangement of parts holds the various sections firmly between the base and cover when in collapsed position so that they have no relative movement and therefore will not rattle when the cup is being carried in a pocket, or otherwise moved about.

From the foregoing description taken in connection with the accompanying drawings it will be evident that I have provided a very practical collapsible cup having non-rattling sections, the cup being very cheap to manufacture and quite strong and durable.

While I have shown and described the preferred embodiments of my invention it will be clearly understood that I do not wish to be limited to this construction but may make such changes as will fall within

the scope and spirit of the invention as claimed.

I claim—

5 A collapsible cup comprising a base member having at its edge portion a series of concentrically arranged annular shoulders, frusto-conical sections of uniform vertical height mounted on the base member, each

alternate section being engageable with one shoulder on the base member, and a cover 10 provided at its edge portion with a series of concentrically arranged annular flanges which engage over the edges of the outer conical sections.

In testimony whereof I affix my signature.

WALLACE D. FACKLER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."