

June 22, 1937.

M. D. BATTYE

2,084,423

COLLAPSIBLE OLLA COVER

Filed May 27, 1936

2 Sheets-Sheet 1

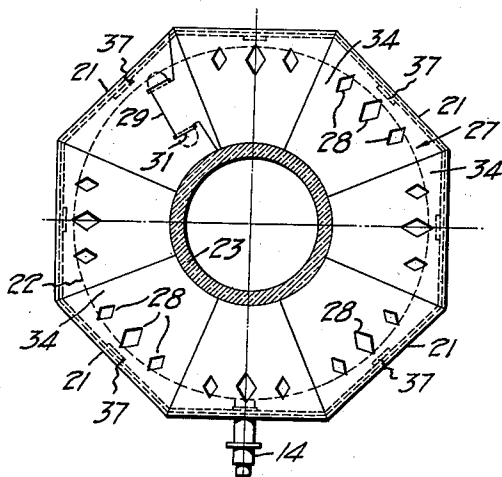


FIG. 3

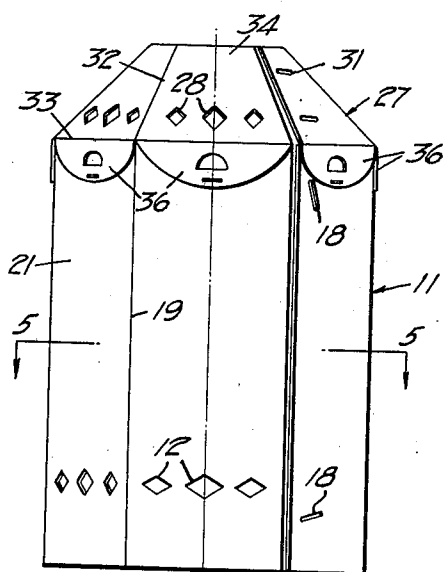


FIG. 4

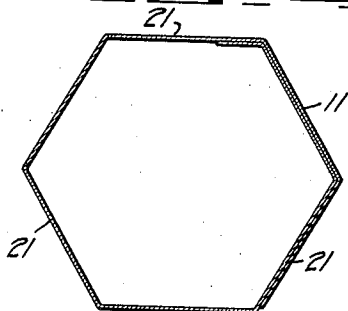


FIG. 5

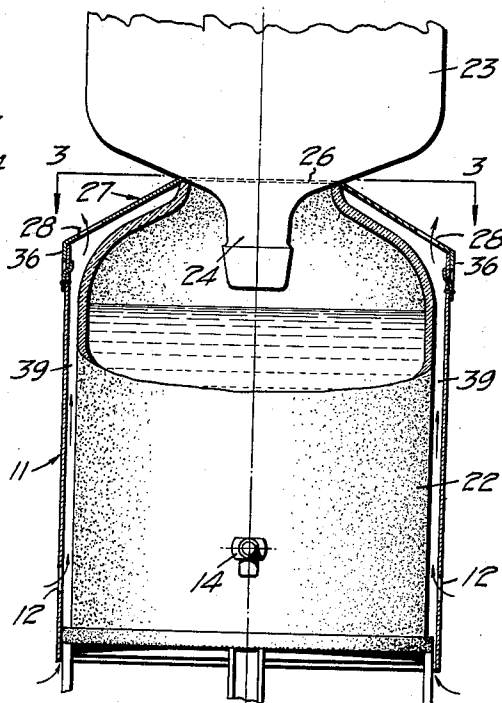


FIG. 1

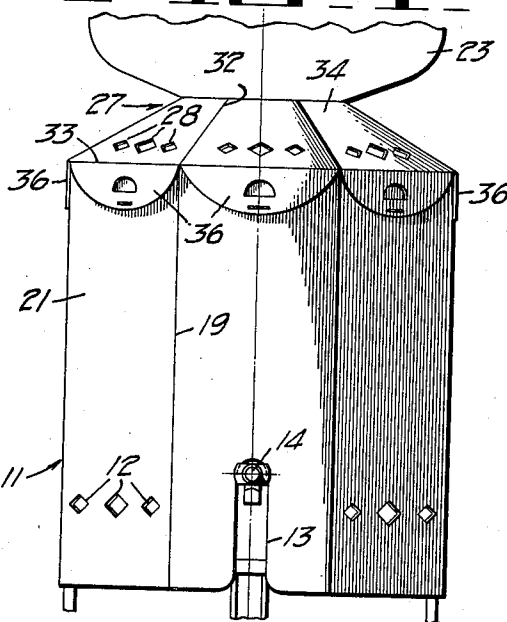


FIG. 2

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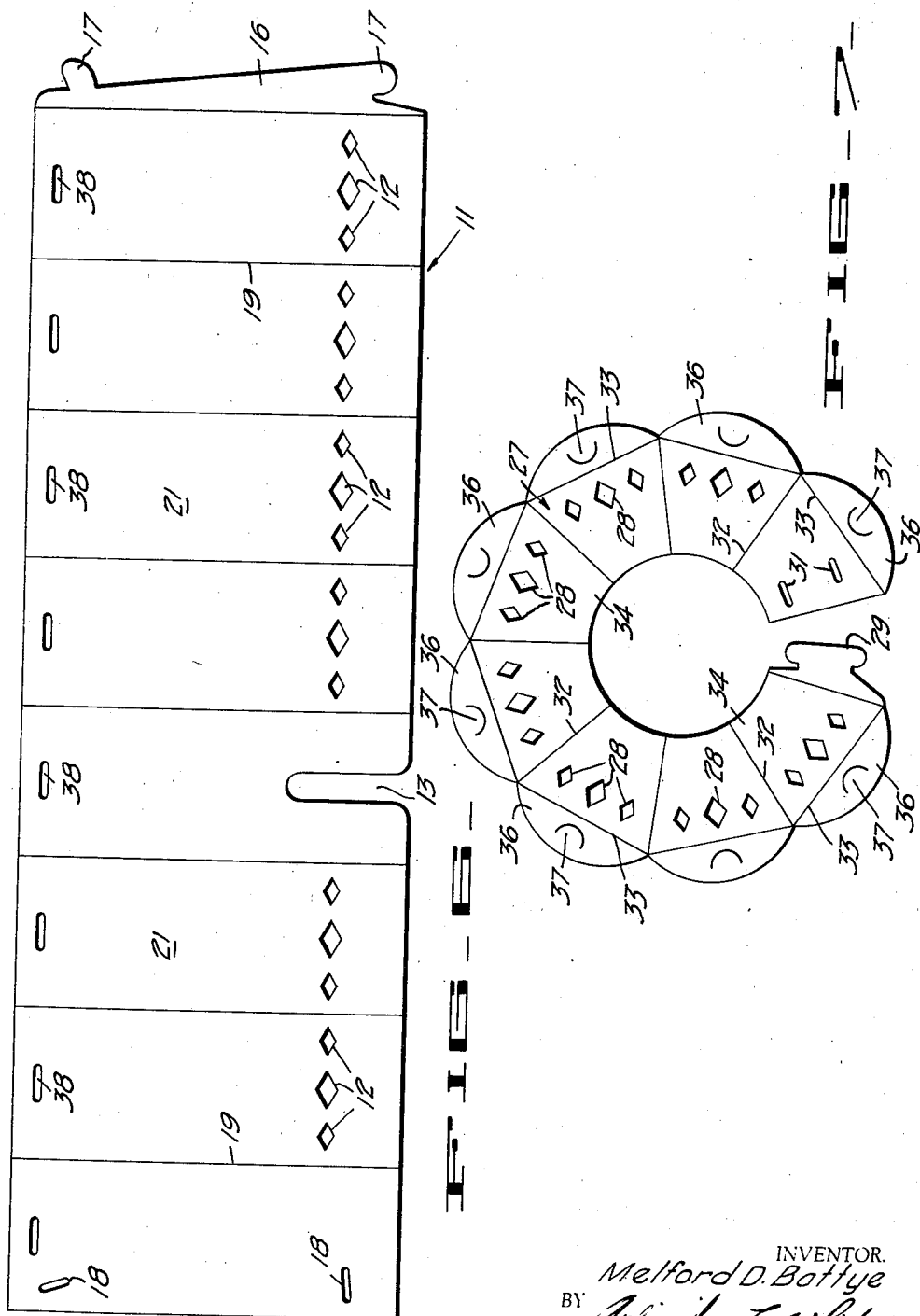
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COLLAPSIBLE OLLA COVER

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2 Sheets-Sheet 2



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UNITED STATES PATENT OFFICE

2,084,423

COLLAPSIBLE OLLA COVER

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Application May 27, 1936, Serial No. 82,073

2 Claims. (Cl. 62-90)

The invention, in general, relates to means for improving the sanitary conditions and efficiency of water coolers. More particularly, the invention relates to olla covers for promoting greater circulation of air around the olla, for preventing deleterious action of mould or other bacteria upon the olla and for maintaining the water therein at a cool temperature satisfactory to users.

10 The primary object of the invention is to provide an olla cover which is readily assembled about the olla and which affords free circulation of air about the same.

15 Another object of my invention is to provide an olla cover which is collapsible thereby affording easy packing and shipment of relatively large quantities thereof inexpensively by permitting the nesting of a plurality of the covers one within another.

20 A still further object of my invention is to provide an olla cover which is inexpensively manufactured and which lends itself to attractive design motifs as well as attractive display to avoid the unsightly appearance of the olla.

25 Other objects of the invention, together with some of the advantageous features thereof, will appear from the following description of a preferred embodiment of the invention. While I have illustrated the preferred embodiment of my invention in the accompanying drawings, it is to be understood that I am not to be limited to the embodiment shown, as my invention, as defined by the appended claims, can be embodied in a plurality and variety of forms.

35 Referring to the drawings:

Figure 1 is a medial vertical sectional view of an embodiment of my invention, taken through a portion of a water cooler with the olla cover assembled in position.

40 Figure 2 is a side elevation of a water cooler including the olla and with the present embodiment of my invention installed thereon.

Figure 3 is a sectional view taken on the line 3-3 of Figure 1.

45 Figure 4 is an elevation of an embodiment of the invention illustrating the flexible character of the same which enables the nesting of a plurality of the covers together for ready and inexpensive handling.

50 Figure 5 is a view taken on the line 5-5 of Figure 4 and illustrating the manner of diminishing the overall dimensions of the cover to permit the nesting together of a plurality thereof.

55 Figure 6 is a development of the body portion

of the embodiment of my invention illustrated in Figures 1 to 4 inclusive.

Figure 7 is a development of the neck and shoulder portion of the embodiment of the invention shown in Figures 1 to 4 inclusive.

In its preferred form, the collapsible olla cover of my invention preferably comprises a generally cylindrical body portion and a generally cone-shaped neck and shoulder portion; both of said portions preferably being formed of flexible sheet material, such as cardboard, and being provided with a series of perforations to permit circulation of air about the olla upon which the cover seats in spaced relationship, together with means for detachably fastening the two portions together, and means at the extremities of each of said portions for detachably interlocking the same together.

In accordance with the invention, I provide a sheet 11 of any suitable flexible material, preferably cardboard, which conveniently is provided with a series of perforations 12 adjacent one longitudinal extremity thereof as well as with a slot 13 for receiving the conventional faucet 14 of the olla. The sheet 11 is provided, at one lateral extremity, with a tab 16 having lips 17 formed thereon for insertion in apertures 18 formed in the sheet at the other lateral extremity thereof. The sheet 11 comprises the body portion of my improved olla cover and preferably is scored or weakened at spaced intervals, as at 19, so that upon folding the sheet upon itself and interlocking the extremities thereof at the tab 16, lips 17 and apertures 18, a plurality of panels 21 are provided. The sheet 11 can thus be assembled and detachably fastened at its lateral extremities about the conventional porous jar or olla 22 of the standard water cooler which includes an inverted water bottle 23, the neck 24 of which is disposed in the mouth 26 of the olla, all as illustrated in Figure 1 of the drawings.

In addition to the sheet 11, the olla cover of my invention includes a neck and shoulder portion which preferably consists of a sheet 27 also formed of flexible material, such as cardboard, and which preferably is formed into a truncated pyramid, see Figure 2 of the drawings, having a relatively large opening at the center thereof which registers with the mouth 26 of the olla and through which the neck 24 of the bottle 23 protrudes. The sheet 27 conveniently is provided with a series of perforations 28 at spaced intervals circumferentially about the sheet and also is provided with means, such as the tabs 29 and apertures 31 at opposed longitudinal extremities

thereof, to permit detachable interlocking engagement of the extremities. Any other suitable means may be employed for fastening the two portions together. The sheet 27 also preferably is scored or weakened both radially and circumferentially, as at 32 and 33, respectively, so that upon fastening the two extremities of the sheet, the same may be bent at the scorings to provide panels 34 conforming and registering with the panels 21 of the body portion of the cover consisting of the sheet 11. The outer lateral extremity of the sheet 27 is provided with a plurality of tabs 36, preferably formed integral with the sheet, each of which is slotted to form lips 37 for disposal in a series of slots 38 formed in the panels 21 of sheet 11. By means of the tabs 36 and lips 37 of the sheet 27, in conjunction with the slots 38 of the sheet 11, the body portion of my olla cover comprising the sheet 11 can be detachably interlocked with the neck and shoulder portion of the cover comprising the sheet 27. With the two portions fastened together, the cover can readily be disposed over the olla 22 with a portion of the inner surface of sheet 27 resting upon the mouth 26 of the olla, thereby forming a gasket, and with the panels 21 of the body portion of the cover spaced from the olla to provide an annular air passageway 39 about the olla, see particularly Figure 1 of the drawings.

From an inspection of the drawings, it will be clear that by providing an olla cover of the character herein disclosed and illustrated, not only is the olla protected from dust and consequent accumulation of mould formations thereon, but there is afforded a free circulation of air about the olla resulting in the maintenance of the water in the olla at the desired cool temperature. Moreover, the unsightly appearance of the olla is obviated and a general pleasing effect upon the eye is presented since the olla cover can easily be applied with an attractive coating of lacquer or paint, or any other means of making attractive.

As illustrated particularly in Figures 4 and 5 of the drawings, it will be observed that the flexible olla cover of my invention can readily be coiled into smaller size by merely unfastening the tabs of the two portions. Having this feature, a

great number of the covers can more easily be packed and shipped as they are adaptable to nesting one within the other. It also is to be noted that the cover of my invention can be readily collapsed and thus be shipped in unassembled condition, that is, in the form of flat sheets. This feature enables a ready re-assembly at the point of destination or use in the office for mounting about the olla. Moreover, in the event that one cover becomes soiled or that a cover previously used is desired to be dispensed with, it is apparent that it requires less than a minute to assemble and install an olla cover of the character herein disclosed.

The olla cover of my invention is easily and inexpensively manufactured and is readily adaptable to any size of olla. Furthermore, with an olla cover of the type herein disclosed, installed upon a water cooler, there is increased efficiency in drinking facilities in that the water is maintained at the desired cool temperature and the tendency towards accumulation of mould on the periphery of the olla and germs in the water within the same is reduced to a minimum.

It is to be understood that the appended claims are to be accorded a range of equivalents commensurate with the scope of the prior art.

I claim:

1. A cover for an olla comprising a tubular body portion and a top portion therefor, inclining outwardly from the body portion towards the longitudinal axis thereof, and having a central opening adapted to receive the mouth of an olla; said portions being made of sheet material and each having its meeting edges detachably secured together, and means detachably connecting said body and top portions together; said portions being provided with openings arranged to cause a circulation of air over the outside surface of such olla, and said portions further provided with aligned creases arranged to permit folding of the cover portions while they are secured together.

2. A cover as defined in claim 1, in which the creases in the body portion are parallel to each other and to the longitudinal axis thereof, and the creases in the top portion converge radially towards the central opening therein.

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