

Dominic Symes

The Miracle Meal Global

Global Patent : Includes USA, United Kingdom, New Zealand, Australia, South

Africa, Singapore, Canada, Mexico, Netherlands, Germany



No.	Patent/ Publication Number	Bibliography Information
7	US-RSA 5,584,390 MM	Title: Apparatus for supplying twopart systems Publication Date: Jan, 2024 Filing Date: Jun 07, 2019 Priority Date: Apr 07, 2023 Assignee: NA Inventors: SYMES & CO.

Status: ACTIVE

Abstract:

A dispenser comprises a small open-top cup adapted for containing a constituent part of a substance and provided with a substantially flat upper edge or flange. The cup is closed by a two-part lid within which another constituent part of the substance in the form of a wafer is received. The top layer of the lid is first removed to access the wafer and the lower part of the lid is later removed so that the substance within the cup can be accessed. The upper and lower layers of the lid comprise films of paper-foil or paperplastic material such that a pull-tab or lift-tab on the upper layer is first grasped to peel back the upper layer and reveal the wafer, after which a tab portion of the cup is separated and pulled upwardly, carrying with it the attached lower layer whereby the substance in the cup can be accessed. The upper and lower layers are heat-sealed to one another and to the edge of the cup in a manner so that they can be conveniently and successively peeled away from the cup.

Relevant Text:

"A container for supplying at least a first and a second constituent part in a single package while maintaining said at least first and second constituent parts separate, comprising: a first container portion for accommodating said first constituent therewithin and having an opening for receiving and dispensing said first constituent; a first sealing member releasably adhered to a portion of said first container portion for sealing said opening to prevent unintended dispensing of said first constituent, wherein said first container portion has a tab member and a portion of said first sealing member is adhered to said tab member; and a second sealing member releasably adhered to said first sealing member, said first and second sealing members defining a second container portion there between for receiving and containing the second constituent part, wherein said second sealing member is substantially absent of adherence to said first sealing member in an area around said tab portion, whereby a user may access said container for dispensing said second constituent part by removing said second sealing member from said first sealing member by grasping a portion of said

Dominic Symes

The Miracle Meal Global

Global Patent : Includes USA, United Kingdom, New Zealand, Australia, South Africa, Singapore, Canada, Mexico, Netherlands, Germany



second sealing member in the area substantially absent of adherence and lifting said second sealing member away from said first sealing member, **thereby providing access to said second constituent part** and whereby the user may access said first constituent part by gripping said tab portion and lifting said tab portion away from said first container portion, thereby lifting said first sealing member away by peeling said releasably adhered sealing member from said first container portion." *See Jimmie at Claim 1*

"Referring to FIG. 6, in the case where the constituent 20 is to be inserted within the constituent 26, after removal of both layers 14a and 14b from the periphery of the dispenser cup, the user may insert the first constituent 20 within the second constituent 26 **as illustrated in FIG. 6, wherein in the illustrated embodiment, the second constituent is liquid and the first constituent is a solid. The combined constituents may then be employed for their appropriate use."** *See Jimmie at Col.5, Line 47-54*

"Particular examples of the desired uses for the constituents may include, for example, communion wherein the constituent 20 comprises a communion bread wafer and the constituent 26 comprises grape juice or wine. The instructions for use may then comprise appropriate scriptures that pertain to the communion service. Another example is where the dispenser is used in pharmaceuticals wherein the constituent 20 may comprise, for example, a solid medication, while the constituent 26 may comprise a liquid, i.e. water or a second medicine, which is to be taken in conjunction with constituent 20. The constituent 20 may then either be consumed by the user followed by the consumption of the constituent 26, or the two may be combined so as to react to produce an appropriate substance which is then consumed. Still a further example would employ the dispenser for use with epoxy type adhesives, wherein the constituent 20 may comprise a catalyst or hardener that is inserted within the constituent 26 which comprises the adhesive itself. Upon inserting constituent 20 within constituent 26 as illustrated in FIG. 6, the appropriate reaction then takes place activating the epoxy and causing it to cure. Many other applications may be envisioned wherein the two constituents are maintained separate from one another so as to preserve or lengthen the shelf life of the product. Also, while the dispenser is illustrated as being relatively small, on the order of the size of a cup adapted to be held within the hand of a person, the dispenser could be much larger or smaller depending on the particular application and the constituent substances contained therewithin.

Further, illustrated examples show a solid and liquid form for the two constituents respectively, but other configurations are also appropriate wherein either of the constituents may be liquid or solid form. Specifically, if the constituent 20 is in a liquid form, it would be appropriate to first remove the entire lid via peeling of tab 24, thereby revealing the open top of the container to allow access to the constituent 26. Then, the first and second layers of the lid would be separated by pulling on tabs 16 and 24 in opposite directions so as to allow access to the interior chamber between the two lids and enabling the constituent 20 to pour out of or be squeezed out of the lid." [See Jimmie at Col.5, Line 55-67 & Col.6, Line 1-27](#)

