A small storage chamber for manually dispensing a liquid or powder substance into a primary container at the time of use to increase shelf life of combined substances. The storage chamber is mountable in a primary container opening or can include a threaded cap fastener. An actuator is movably mounted to said storage chamber and may include an aperture that allows for rapid filling of the storage chamber at the factory.
Published:
— with international search report

(88) Date of publication of the international search report:
23 October 2008
INTERNATIONAL SEARCH REPORT

**A CLASSIFICATION OF SUBJECT MATTER**

IPC(8) : B65D 25/08 (2008.04)
USPC - 206/219
According to International Patent Classification (IPC) or to both national classification and IPC

**B FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC(8) : B65D 17/90, 17/28, 17/30, 17/34, 17/42, 25/08, 35/00 41/004 (2008.04)

USPC - 206/219

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

USPTO EAST, PatBase

**C DOCUMENTS CONSIDERED TO BE RELEVANT**

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>US 5,772,017 A (KANG) 30 June 1998 (30 06 1998) entire document</td>
<td>1-16</td>
</tr>
<tr>
<td>Y</td>
<td>US 6,886,686 B2 (ANDERSON) 03 May 2005 (03 05 2005) entire document</td>
<td>1-16</td>
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<tr>
<td>Y</td>
<td>US 1,466,593 A (KIRCHMER) 28 August 1923 (28 08 1923) entire document</td>
<td>12-16</td>
</tr>
</tbody>
</table>

J Further documents are listed in the continuation of Box C

"A" Special categories of cited documents

"A" - document defining the general state of the art which is not considered to be of particular relevance

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"K" document member of the same patent family

Date of the actual completion of the international search
07 July 2008

Date of mailing of the international search report
1 JUL 2008

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PCT/SP 571-272-7774

Form PCT/ISA/210 (second sheet) (April 2004)