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| (51) International Patent Classification <sup>6</sup> :<br><b>B67D 5/01</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | A2 | (11) International Publication Number:<br><b>WO 97/26210</b>                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |    | (43) International Publication Date:<br>24 July 1997 (24.07.97)                                                                                                                                                                                            |
| (21) International Application Number: PCT/US97/01095<br>(22) International Filing Date: 17 January 1997 (17.01.97)<br>(30) Priority Data:<br>08/588,802      19 January 1996 (19.01.96)      US<br>08/668,051      14 June 1996 (14.06.96)      US<br>(71) Applicant: S.C. JOHNSON & SON, INC. [US/US]; 1525 Howe Street, Racine, WI 53403-2236 (US).<br>(72) Inventors: DUCHON, Brent; 410 Milan Drive #106, San Jose, CA 95134 (US). McKINNON, Raymond; 3611 Arcadian Court, Castro Valley, CA 94546 (US). ZIMMERMAN, Carey, W.; 401 - 13th Avenue, Racine, WI 53403 (US). GREANEY, Michael, J.; 20511 Glendwood Drive, Castro Valley, CA 94552 (US). CAMERON, A., Ross; 684 Port Hacking Road, Caringbah South, Sydney, NSW 2229 (AU). HELF, Thomas, A.; 12780 West Weatherstone Court, New Berlin, WI 53151 (US). SEAMAN, Charles, E., Jr.; 1155 - 63rd Avenue, Kenosha, WI 53144 (US). BOTICKI, John, A.; 5834 Sunset Boulevard, Racine, WI 53406 (US).<br>(74) Agents: RAKOCZY, Richard, E. et al.; S.C. Johnson & Son, Inc., Patent Section, 1525 Howe Street, Racine, WI 53403 (US).                                                                                   |  |    | (81) Designated States: AU, BR, CA, CN, KR, MX, NZ, (SG), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).<br><br>Published<br>Without international search report and to be republished upon receipt of that report. |
| (54) Title: DOCKING STATION AND BOTTLE SYSTEM<br><br>(57) Abstract<br><p>A docking station and bottle system (23) including a filling head (20) and bottle (22) which have a head interconnect (86) and a bottle interconnect (90), respectively, for fastening the bottle (22) to the filling head (20) in order to prevent spillage. The bottle interconnect (90) includes a fluid port (106) and a vent port (104) which are simultaneously opened from a closed position in order to allow the filling head (20) to draw concentrated fluid from the bottle (22) and mix the concentrated fluid with a diluting fluid such as water before being dispensed from a filling head nozzle (52). The bottle (22) includes identifying indicia (158) for purposes of tracking utilization of the bottle and the concentrated fluid contained therein. An information storage system (170) is associated with the bottle and filling head in order to provide records of such concentrated fluid utilization. A wall mounted docking station (200) including one or more filling heads (20) is also provided for. A refill head is further provided for refilling bottle (22).</p> |  |    |                                                                                                                                                                                                                                                            |
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