

(19) World Intellectual Property Organization
International Bureau



162162

(43) International Publication Date
27 June 2002 (27.06.2002)

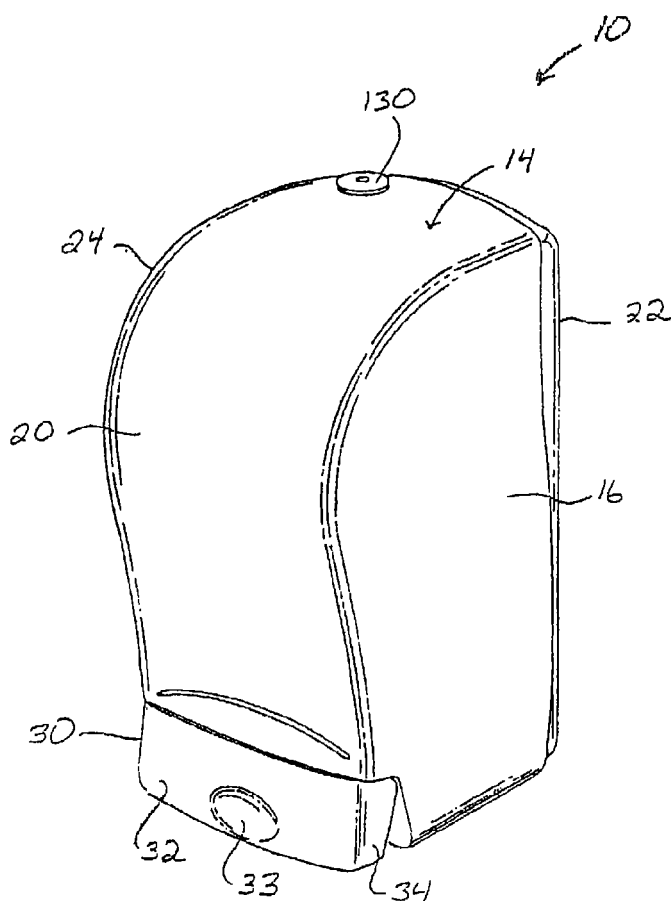
PCT

(10) International Publication Number
WO 02/49490 A1

- (51) International Patent Classification⁷: **A47K 5/12** (71) Applicant: **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, Neenah, WI 54956 (US).
- (21) International Application Number: PCT/US01/44905
- (22) International Filing Date:
30 November 2001 (30.11.2001) (72) Inventors: **LEWIS, Richard, P.**; 3429 Woodrun Trail, Marietta, GA 30062 (US). **MAHAFFEY, Cleary, E.**; 4970 Chatsworth Lane, Suwanne, GA 30024 (US). **MAY-BERRY, Pamela, J.**; 1035 Lyndhurst Way, Roswell, GA 30075 (US). **TRAMONTINA, Paul, F.**; 155 Cobblestone Way, Alpharetta, GA 30004 (US). **POWLING, David, J.**; 6 Victoria Way, East Grinstead Way, Sussex RH19 4RY (GB). **BENNETT, Mark, A.**; 4024 Kings Paddock, Norcross, GA 30092 (US). **BACHTEL, Randall, M.**; 4024 Leprechan Way, Duluth, GA 30097 (US).
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
- | | | |
|------------|--------------------------------|----|
| 09/741,570 | 19 December 2000 (19.12.2000) | US |
| 09/911,073 | 23 July 2001 (23.07.2001) | US |
| 09/911,361 | 23 July 2001 (23.07.2001) | US |
| 09/964,289 | 26 September 2001 (26.09.2001) | US |
| 09/964,290 | 26 September 2001 (26.09.2001) | US |
| 09/997,278 | 28 November 2001 (28.11.2001) | US |
- (74) Agent: **DORITY & MANNING, P.A.**; P.O. Box 1449, One Liberty Square, 55 Beattie Place, Suite 1600, Greenville, SC 29602 (US).

[Continued on next page]

(54) Title: SELF-CONTAINED VISCOUS LIQUID DISPENSER



(57) Abstract: A viscous liquid dispenser includes a housing that defines an internal liquid reservoir. A dispensing pump mechanism is disposed at least partially within the reservoir and has a delivery end extending out of the reservoir. A mounting mechanism is configured as an integral component of the housing and provides the dispenser with the ability to be detachable connected to complimentary mounting structure on a wall surface. A unique dispensing pump mechanism is also provided for use with any manner of viscous liquid dispenser.



G00002



WO 02/49490 A1

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,

IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.