



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : B05B 7/24, B43K 8/00	A1	(11) International Publication Number: WO 99/59727 (43) International Publication Date: 25 November 1999 (25.11.99)
(21) International Application Number: PCT/GB99/01504 (22) International Filing Date: 12 May 1999 (12.05.99) (30) Priority Data: 9810699.0 19 May 1998 (19.05.98) GB (71)(72) Applicant and Inventor: BOLTON, Terence, William [GB/GB]; 148 Portland Road, Hove, East Sussex BN3 5QL (GB). (74) Agents: FRY, Alan, Valentine et al.; Fry Heath & Spence, The Old College, 53 High Street, Surrey RH6 7BN (GB).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, 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, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, 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), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: IMPROVEMENTS IN AND RELATING TO LIQUID DISPENSING APPARATUS		
(57) Abstract Liquid dispensing apparatus comprises a tubular casing having at one of its ends a mouthpiece and an elongate cap, and at the other of its ends a nozzle having an orifice in communication with an expansion chamber bounded by sides which diverge away from the orifice. A liquid source including an elongate body and an absorbent nib (e.g. a felt-tipped pen) is located within the casing with side surfaces of the pen body spaced from internal wall surfaces of the casing to define an air flow passageway therebetween. First and second stop means are provided within the casing against the first of which a surface of the elongate body can abut to position the nib of the liquid source within or in close proximity to the nozzle orifice, and against the second of which a rearward end of the elongate body can abut to position the nib of the liquid source in a relatively airtight manner into one end of the elongate cap. The other end of the elongate cap is closed. Thus the liquid source can selectively be positioned with its nib within or in close proximity to the casing nozzle or with its nib effectively sealed within the elongate cap when the apparatus is not in use.		

