

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : A47K 5/12		A1	(11) International Publication Number: WO 97/16107
			(43) International Publication Date: 9 May 1997 (09.05.97)
(21) International Application Number: PCT/US96/16915		(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).	
(22) International Filing Date: 22 October 1996 (22.10.96)			
(30) Priority Data: ① 08/551,324 1 November 1995 (01.11.95) US			
(71) Applicant: ① KIMBERLY-CLARK WORLDWIDE, INC. [US/US]: 401 North Lake Street, Neenah, WI 54957-0349 (US).			
(72) Inventors: ① BRANDENBURG, Allen, E.; 1307 Kittansett Cove, Austin, TX 78746 (US) ② MALDONADO, John, E.; 6000 Randolph Boulevard #213, San Antonio, TX 78233 (US).		Published With international search report. ✓ Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.	
(74) Agents: SIDOR, Karl, V. et al.; Kimberly-Clark Worldwide, Inc., 401 North Lake Street, Neenah, WI 54956 (US).		1 PD 1 app/12 2 Invs.	

(54) Title: IMPROVED APPARATUS AND METHOD FOR DISPENSING A LIQUID HAND TREATMENT ✓

(57) Abstract

An apparatus (10) for dispensing a liquid hand treatment such as soap into a consumer's hand in a public washroom includes first and second containers (20, 22) for storing liquid hand treatment, first and second nozzles (24, 26) and a pumping mechanism (32) for extracting liquid hand treatment from the first and second containers (20, 22) and expelling such liquid hand treatment, respectively, through the first and second nozzles (24, 26). The pumping mechanism (32) preferably includes a first actuator lever (36) for causing the pumping mechanism (32) to pump liquid hand treatment through said first nozzle (24), and a second actuator lever (38) for causing said pumping mechanism (32) to pump liquid hand treatment through said second nozzle (26), said first and second levers (36, 38) being independently operable, whereby liquid hand treatment may be dispensed electively through either container (20, 22). In addition, each actuator lever (36, 38) preferably includes indicia for instructing a consumer how to orient his or her hand when actuating the lever (36, 38), and the nozzle (24, 26) is oriented to deliver liquid hand treatment into the consumer's palm when the lever (24, 26) is actuated and the user's hand is so oriented. Accordingly, the liquid hand treatment will be deposited in the most useful location with a minimum of wastage.

