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(21) International Application Number: PCT/US99/04614 (22) International Filing Date: 2 March 1999 (02.03.99) (30) Priority Data: 60/076,467 2 March 1998 (02.03.98) US (71) Applicant (for all designated States except US): U.S. FILTER/ENVIROQUIP [US/US]; 8506 Beechmont Avenue, Cincinnati, OH 45255 (US). (72) Inventor; and (75) Inventor/Applicant (for US only): DOWNS, Ernest, W. [US/US]; 1990 Wolfangel Road, Cincinnati, OH 45255 (US). (74) Agents: SMITH, David, B. et al.; Michael, Best & Friedrich, 100 East Wisconsin Avenue, Milwaukee, WI 53202-4108 (US).		(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 With international search report.
(54) Title: DUAL DIFFUSER ASSEMBLY (57) Abstract The dual diffuser assembly (10) of the present invention includes a first (23) and second (24) diffuser body in fluid communication with an air distribution pipe (14). The diffuser assembly (10) further includes a saddle (16) that connects the first diffuser body (23) and the second diffuser body (24) to the distribution pipe (14). The fluid received from the distribution pipe (14) passes into the first and second diffuser bodies (23, 24) and exits the first diffuser body (23) through a first diffuser (35) and exits the second diffuser body (24) through a second diffuser (36). The first and second diffusers (35, 36) form the air into fine bubbles that serve to facilitate aeration of the medium.		