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(21) International Application Number: ☒ PCT/US96/09199 (22) International Filing Date: 4 June 1996 (04.06.96) (30) Priority Data: ☒ 08/461,304 ☒ 5 June 1995 (05.06.95) ☒ US (71) Applicant: SOUTHWEST RESEARCH INSTITUTE [US/US]; 6220 Culebra Road, San Antonio, TX 78228-0510 (US). (72) Inventors: WELLINGHOFF, Stephen, T.; 6220 Culebra Road, San Antonio, TX 78228-0510 (US). KAMPA, Joel, J.; 6220 Culebra Road, San Antonio, TX 78228-0510 (US). (74) Agents: SENNIGER, Stuart, N. et al.; Senniger, Powers, Leavitt & Roedel, 16th floor, One Metropolitan Square, St. Louis, MO 63102 (US).		(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, <u>SG</u>, 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). Published <i>With international search report.</i>
(54) Title: MULTILAYERED BIOCIDAL FILM COMPOSITIONS ☒		
(57) Abstract A multilayered composite for providing sustained release of chlorine dioxide includes a hydrophobic layer containing an acid releasing agent, and a hydrophilic layer containing chlorite anions. The hydrophilic and hydrophobic layers are adjacent and substantially free of water, and the hydrophilic layer is capable of releasing chlorine dioxide upon hydrolysis of the acid releasing agent.		