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(21) International Application Number: PCT/US98/26046 (22) International Filing Date: 8 December 1998 (08.12.98) (30) Priority Data: 09/002,220 31 December 1997 (31.12.97) US (71) Applicant: HYDROMER, INC. [US/US]; 35 Columbia Road, Branchburg, NJ 08876 (US). (72) Inventor: DALLA RIVA TOMA, Joan, M.; 2 Ballas Lane, Piscataway, NJ 08854 (US). (74) Agent: BARON, Ronald, J.; Hoffmann & Baron, LLP, 350 Jericho Turnpike, Jericho, NY 11753 (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, 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, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, 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>
(54) Title: BIOSTATIC COATINGS FOR THE REDUCTION AND PREVENTION OF BACTERIAL ADHESION (57) Abstract The present invention relates to biostatic compositions, as well as coatings and methods for preparing biostatic articles using the same. The compositions contain a hydrophilic polymer possessing a functional group which covalently bonds to an amine, thiol, carboxyl, or hydroxyl active group of an antimicrobial agent. The functional group is capable of reacting with and covalently bonding to an antimicrobial agent without effectively reducing antimicrobial property of the antimicrobial agent below its capability of acting as a biostatic agent and without releasing the antimicrobial agent into a solution.		