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(21) International Application Number: PCT/US97/07201 (22) International Filing Date: 30 April 1997 (30.04.97) (30) Priority Data: 60/017,864 13 May 1996 (13.05.96) US (71) Applicant: BAUSCH & LOMB INCORPORATED (US/US); One Bausch & Lomb Place, Rochester, NY 14504-2701 (US). (72) Inventors: HEILER, David, J.; 173 Wadsworth Avenue, Avon, NY 14414 (US). MAIER, Stephen, E.; 47 Frazier Street, Brockport, NY 14420 (US). SPOONER, Susan, P.; Apartment 2, 56 Berkeley Street, Rochester, NY 14607 (US). (74) Agents: KONKOL, Chris, P. et al.; Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).		(81) Designated States: AL, AM, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, FI, GE, HU, IL, IS, JP, KG, KP, KR, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, UZ, VN, ARIPO patent (GH, 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> <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: COMPOSITION AND METHOD FOR INHIBITING THE DEPOSITION OF PROTEIN ON CONTACT LENS (57) Abstract The invention is directed to compositions and methods used as in-the-eye and/or out-of-eye inhibitors of proteinaceous deposits on hydrophilic contact lenses. Compositions of the present invention comprise moderately charged polyquaternium polymers that selectively bind to hydrophilic contact lenses to block the binding of proteinaceous materials. Compositions of the present invention may be used in multipurpose cleaning solutions for contact lenses and can eliminate the need for special enzyme cleaners and the like for removing proteinaceous materials.		