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(21) International Application Number: PCT/US99/28546 (22) International Filing Date: 3 December 1999 (03.12.99) (30) Priority Data: 09/205,692 4 December 1998 (04.12.98) US (71) Applicant (for all designated States except US): L'OREAL [FR/FR]; 14, rue Royale, F-75008 Paris (FR). (72) Inventors; and (75) Inventors/Applicants (for US only): CANNELL, David, W. [US/US]; Apartment 12F, 220 E. 73rd Street, New York, NY 10021 (US). NGUYEN, Nghi [US/US]; 8 Churchill Road, Edison, NJ 08820 (US). MATHUR, Hitendra [IN/US]; 23B Woodbridge Terrace, Woodbridge, NJ 07095 (US). ESPINO, Cynthia [US/US]; 15 Heath Court, Princeton, NJ 07033 (US). (74) Agents: GARRETT, Arthur, S. et al.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, NW, Washington, DC 20005-3315 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, 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, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, 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> <i>Before the expiration of the time limit for amending the</i> <i>claims and to be republished in the event of the receipt of</i> <i>amendments.</i>
(54) Title: COMPOSITIONS AND METHODS FOR CONTROLLING DEPOSITION OF WATER-INSOLUBLE INGREDIENTS (57) Abstract A composition useful in a delivery system for water-insoluble ingredient(s) containing at least one organic phospholipid capable of forming bilayers in aqueous solution; at least one amphoteric surfactant present in an amount by weight equal to or greater than the amount of the phospholipid; at least one nonionic surfactant present in an amount by weight equal to or greater than the amount of the phospholipid; and at least one cationic polymer, wherein the cationic polymer functions to control the amount of water-insoluble ingredient(s) deposited on keratinous substances. A method for treating keratinous substances with the compositions and delivery systems is also disclosed. In addition, the amount of water-insoluble ingredient(s) to be deposited can be controlled by varying the amount of the phospholipid, the nonionic surfactant, or both.		