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(21) International Application Number: PCT/US99/04131 (22) International Filing Date: 25 February 1999 (25.02.99) (30) Priority Data: 60/075,892 25 February 1998 (25.02.98) US (71) Applicant: CYCOLOR, INC. [US/US]; 3385 Newmark Drive, Miamisburg, OH 45342 (US). (72) Inventors: POLYCARPOV, Alex; 971 Locust Court, Mason, OH 45040 (US). CAMILLUS, Joseph, C.; 2698 Wood Bluff, Dayton, OH 45458 (US). (74) Agents: LEVY, Mark, P. et al.; Thompson Hine & Flory LLP, 2000 Courthouse Plaza N.E., P.O. Box 8801, Dayton, OH 45401-8801 (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, 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 <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: IMAGING SYSTEM EMPLOYING ENCAPSULATED RADIATION SENSITIVE COMPOSITION		
(57) Abstract A photosensitive material comprising a support having a layer of microcapsules on one surface thereof, the microcapsules having an image-forming agent associated therewith and containing an internal phase including a photohardenable composition, the composition comprising a free radical addition polymerizable or crosslinkable compound and complex of an infrared sensitive cationic dye and a boranyl anion being capable of absorbing infrared radiation and producing free radicals which initiate free radical polymerization or crosslinking of the polymerizable or crosslinkable compound.		