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(21) International Application Number: PCT/US95/11306 ✓ (22) International Filing Date: 7 September 1995 (07.09.95) ✓ (30) Priority Data: 08/312,720 ✓ 27 September 1994 (27.09.94) US ✓ (71) Applicant: MINNESOTA MINING AND MANUFACTURING COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US). ✓ (72) Inventors: GARDINER, Mark, E.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). O'NEILL, Mark, B.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). WORTMAN, David, L.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). (74) Agents: BARTINGALE, Kari, H. et al.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).		(81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, <u>SG</u>, SI, SK, TJ, TM, TT, UA, UG, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, 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), ARIPO patent (KE, MW, SD, SZ, UG). Published <i>With international search report.</i>
(54) Title: LUMINANCE CONTROL FILM (57) Abstract The luminance control film includes a periodic array of optical structures which are small with respect to the wavelength of light. Scattering and diffractive effects result in improved off-axis illumination intensity in comparison with brightness enhancement optical devices having larger scale optical structures.		

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