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(21) International Application Number: PCT/US99/01305 (22) International Filing Date: 22 January 1999 (22.01.99) (30) Priority Data: 09/025,183 18 February 1998 (18.02.98) US (71) Applicant: MINNESOTA MINING AND MANUFACTURING COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US). (72) Inventors: CAMPBELL, Alan, B.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). COBB, Sandford, Jr.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). KRETMAN, Wade, D.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). NIEZGOCKI, Marvin, J.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). HOOPMAN, Timothy, L.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). (74) Agents: BUCKINGHAM, Stephen, W. 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: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, 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, 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: OPTICAL FILM (57) Abstract An optical film having structures that vary in height along their length where the variations have a nominal period of less than forty times the nominal height of the structures is taught. In some embodiments of the invention the variation is random.		