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(21) International Application Number: PCT/US96/13494 (22) International Filing Date: 21 August 1996 (21.08.96) (30) Priority Data: 08/637,019 24 April 1996 (24.04.96) US (71) Applicant: MINNESOTA MINING AND MANUFACTURING COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US). (72) Inventors: GOSSELIN, Raymond, R.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). MARFORI, Walfredo, M.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). (74) Agents: OLSON, Peter, L. 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, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, ARIPO patent (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 With international search report.
(54) Title: SECURITY LABEL WITH DIFFUSING IDENTIFIER MEDIUM AND METHOD OF MAKING SAME (57) Abstract A security label (20) with the sheet material (21) having a first major surface. An adhesive layer (26) containing an identifier medium (32) is coated on the first major surface. A barrier medium (22) is selectively applied on an exposed surface of the adhesive layer for at least partially blocking diffusion of the identifier medium from the adhesive layer into a substrate (30). A release liner (28) may be provided that extends substantially over the exposed surface of the adhesive layer. A method of preparing the security label includes applying a barrier medium in the form of an identifier pattern to a low energy surface material. The low energy surface material is laminated to a security label having an adhesive layer containing an identifier medium. When the low energy surface material is removed from the adhesive layer, the barrier medium substantially transfers to the adhesive layer to block diffusion of the identifier medium into a substrate.		