

PCT

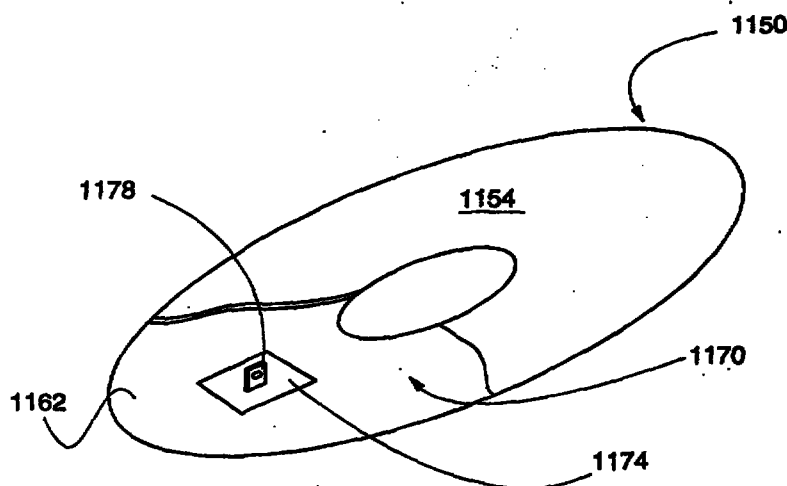
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(21) International Application Number: PCT/US97/08842 (22) International Filing Date: 5 June 1997 (05.06.97) (30) Priority Data: 60/040,724 14 March 1997 (14.03.97) US (71) Applicant: HIDE AND SEEK TECHNOLOGIES, L.L.C. [US/US]; 24 Big Springs Drive, Nederland, CO 80466 (US). (72) Inventors: MCLAUGHLIN, Mark; 5420 S. Woodchase Court, Baton Rouge, LA 70808 (US). LACKRITZ, Hilary, S.; 130 Harbour Drive, Half-Moon Bay, CA 94019 (US). SMITH, Jerry; 5690 W. Rowland Avenue, Littleton, CO 80123 (US). WELDON, James; 75 Doe Trail, Nederland, CO 80466 (US). MERRY, J., Bradford; 63 Gentry Court, Annapolis, MD 21403 (US). SCHNECK, Carl, R., Jr.; 3099 Sunrise Lake, Milford, PA 18337 (US). (74) Agents: KOVARIK, Joseph, E. et al.; Sheridan Ross P.C., Suite 3500, 1700 Lincoln Street, Denver, CO 80203-4501 (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, HU, IL, 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, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ARIPO patent (GH, 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 <i>With international search report.</i>											
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(54) Title: COPY PROTECTABLE OPTICAL MEDIA DEVICE AND METHODOLOGY THEREFOR



(57) Abstract

A method and system is disclosed for purposefully modifying the accessibility of information encoded upon an optical medium (1150) for indicating a state or history of an item associated therewith. In one embodiment, the modifying of the optical medium (1150) includes a device (1170) for purposefully damaging the optical medium (1150) when the information is initially accessed so that upon subsequent attempts at accessing the information on the optical medium (1150), the previous access to the information can be detected by the access errors purposefully generated. Thus, the present invention provides an effective technique for limiting illegal duplication and/or use of, e.g., software, movies, and music on compact disks and digital versatile disks. Moreover, the present invention is also useful for verifying the authenticity of persons and/or financial transaction cards during financial transactions.