(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
6 February 2003 (06.02.2003)

PCT

(10) International Publication Number
WO 03/010643 A2

(51) International Patent Classification[7]: G06F 1/00, 3/06

(21) International Application Number: PCT/US02/23907

(22) International Filing Date: 25 July 2002 (25.07.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
09/912,931 25 July 2001 (25.07.2001) US

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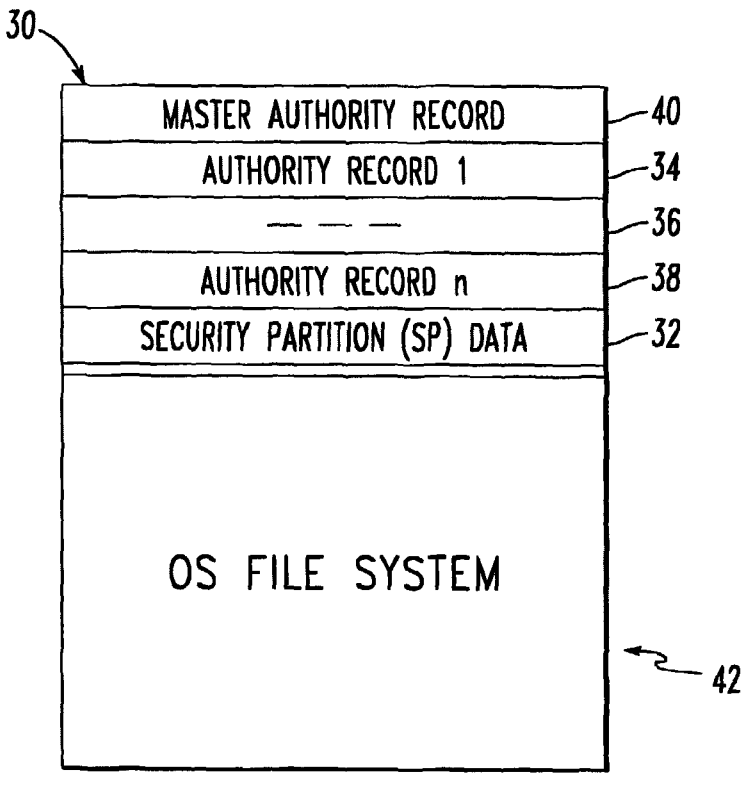
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(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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(54) Title: METHODS AND SYSTEMS FOR PROMOTING SECURITY IN A COMPUTER SYSTEM EMPLOYING ATTACHED STORAGE DEVICES



(57) Abstract: The present methods and systems use specially isolated techniques for promoting security in a computer system. In one embodiment of these methods and systems, a simple file system is concealed in the storage of the computer system and is managed with a processor and simple non-writeable code operating on the storage device. Strong cryptographic design permits the present computer security methods and systems to secure data on the storage device. In one method embodiment, a computer system is provided with an operating system in operative association with at least one storage device, wherein the storage device includes firmware and a processor for processing data and instructions stored on the storage device. The method includes creating at least one security partition in, and restricting access to, at least a portion of the storage device by the operating system. The method also includes creating at least one security partition in the storage device. The method also includes providing at least one authority record and data associated with the authority record in the storage device. System and computer-readable medium embodiments structured in accordance with the method embodiments discussed herein are also provided.

WO 03/010643 A2

Published:

— *without international search report and to be republished upon receipt of that report*

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