

(51) International Patent Classification:
G06F 21/20 (2006.01)(21) International Application Number:
PCT/US2010/058228(22) International Filing Date:
29 November 2010 (29.11.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
12/653,796 21 December 2009 (21.12.2009) US(71) Applicants (for all designated States except US): **INTEL CORPORATION**; 2200 Mission College Boulevard, MS: RNB-4-150, Santa Clara, California 95052 (US). **GROBMAN, Steven, L.**; 1511 Southridge Ct, El Dorado Hills, California 95762 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SMITH, Ned, M.**; 5200 NE Elam Young Pky, Hillsboro, Oregon 97124 (US). **MOORE, Victoria, C.**; 14244 S. Cholla Canyon Dr, Phoenix, Arizona 85044 (US).(74) Agents: **VINCENT, Lester, J.** et al.; Blakely Sokoloff Taylor & Zafman, 1279 Oakmead Parkway, Sunnyvale, California 94085 (US).

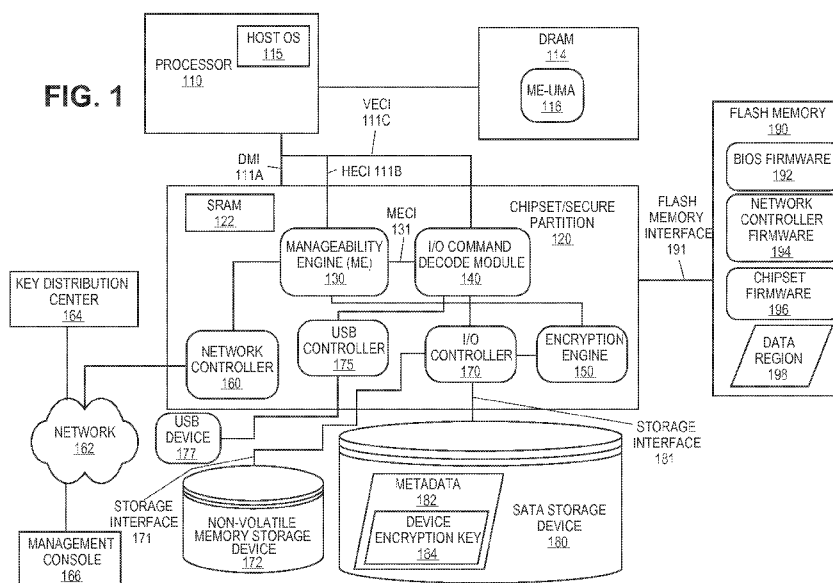
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report (Rule 48.2(g))

(54) Title: PROTECTED DEVICE MANAGEMENT



(57) Abstract: A method, apparatus, system, and computer program product for management of storage devices protected by encryption, user authentication, and password protection and auditing schemes in virtualized and non-virtualized environments.