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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
13 January 2011 (13.01.2011)

PCT

(10) International Publication Number
WO 2011/003199 A1

(51) International Patent Classification:
G06Q 10/00 (2006.01) *G06Q 50/00* (2006.01)

(21) International Application Number:
PCT/CA2010/001075

(22) International Filing Date:
12 July 2010 (12.07.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/224,823 10 July 2009 (10.07.2009) US

(71) Applicant *(for all designated States except US)*: **CERTICOM CORP.** [CA/CA]; 4th Floor, 5520 Explorer Drive, Mississauga, Ontario L4W 5L1 (CA).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **SMITH, Keelan** [CA/CA]; 4th Floor, 14174 - 5520 Explorer Drive, Mississauga, Ontario L4W 5L1 (CA). **JONES, Richard Gwynn** [US/US]; 4593 Tarantella Lane, San Diego, California 92130 (US). **STIEMERLING, Thomas, Rudolf** [CA/CA]; 4th Floor, 14287 - 5520 Explorer Drive, Mississauga, Ontario L4W 5L1 (CA). **NGUYEN, Chinh Khac** [CA/CA]; 4th Floor, 14213 - 5520 Explorer Drive, Mississauga, Ontario L4W 5L1 (CA).

(74) Agents: **SLANEY, Brett J.** et al.; Blake, Cassels & Graydon LLP, Box 25, Commerce Court West, 199 Bay Street, Suite 2800, Toronto, Ontario M5L 1A9 (CA).

(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, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report (Art. 21(3))*

[Continued on next page]

(54) **Title**: SYSTEM AND METHOD FOR MANAGING ELECTRONIC ASSETS

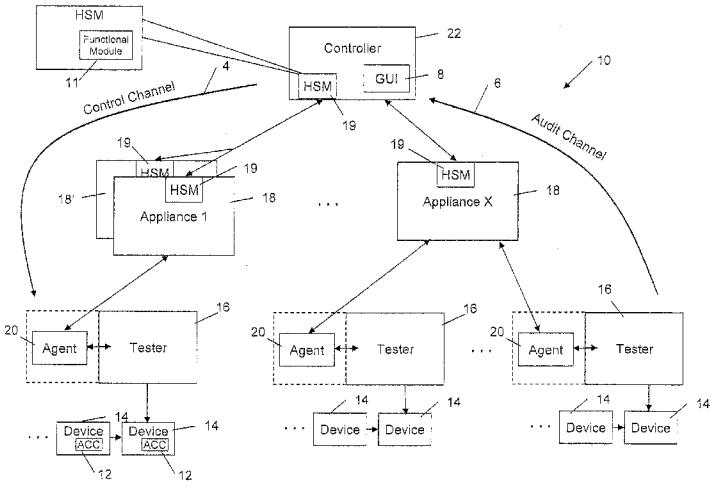


FIG. 1

(57) **Abstract**: An asset management system is provided which comprises one or more controllers, which operate as main servers and can be located at the headquarters of an electronic device manufacturer to remotely control their operations at any global location. The controller can communicate remotely over the Internet or other network to control one or more secondary or remote servers, herein referred to as appliances. The appliances can be situated at different manufacturing, testing or distribution sites. The controller and appliances comprise hardware security modules (HSMs) to perform sensitive and high trust computations, store sensitive information such as private keys, perform other cryptographic operations, and establish secure connections between components. The HSMs are used to create secure end-points between the controller and the appliance and between the appliance and the secure point of trust in an asset control core embedded in a device.

WO 2011/003199 A1

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*