(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 24 November 2005 (24.11.2005)

(10) International Publication Number WO 2005/110565 A3

(51) International Patent Classification: *G06F 17/00* (2006.01) *G06F 19/00* (2006.01)

(21) International Application Number:

PCT/US2005/015844

(22) International Filing Date: 5 May 2005 (05.05.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 60/569,382 7 May 2004 (07.05.2004) US

(71) Applicant (for all designated States except US): WMS GAMING INC. [US/US]; 3401 North California Avenue, Chicago, Illinois 60618 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): SYLLA, Craig J. [US/US]; 247 West Treehouse Lane, Round Lake, Illinois 60073 (US).

(74) Agents: STEFFEY, Charles E. et al.; Schwegman, Lundberg, Woessner & Kluth, P. P.O. Box 2938, Minneapolis, Minnesota 55402 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

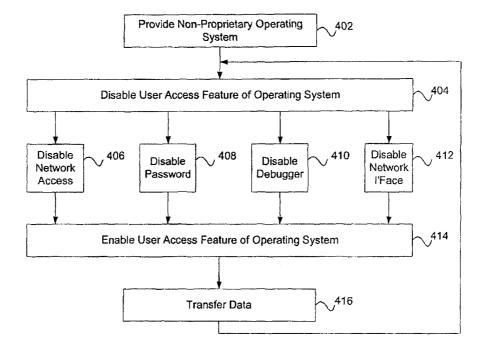
Published:

with international search report

(88) Date of publication of the international search report: 7 December 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PROTECTING A GAMING MACHINE FROM ROGUE CODE



(57) Abstract: Systems and methods provide a gaming machine that is protected from the introduction of rogue code. One aspect of the systems and methods includes disabling a user access feature, such as a login or network access feature of an operating system executing on the gaming machine. A further aspect of the systems and methods includes removing debuggers and debugging information from an operating system or application executing on the gaming machine.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/15844

		i	
A. CLASSIFICATION OF SUBJECT MATTER IPC: G06F 17/00(2006.01),19/00(2006.01)			
USPC: 463/29;713/167 According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 463/16-29; 713/167			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCI	UMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.
X 	US 5,113,442 A (Moir) 12 May 1992, see entire document.		1, 10, 11, 21, 22, 39-42, 61, 69, 70
Y			2-9, 12-17, 23-38, 43- 54, 62-68, 71-75
Y	US 2003/0069074 A1 (Jackson) 10 April 2003, see entire document.		18-20, 55-60
A	US 2002/0142831 A1 (Mattice et al.) 3 October 2002.		1-75
A	US 5,339,403 A (Parker) 16 August 1994.		1-75
A	US 5,748,890 A (Goldberg et al.) 5 May 1998.		1-75
Further documents are listed in the continuation of Box C. See patent family annex.			
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
particular relevance "E" earlier application or patent published on or after the international filing date		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is	
"O" document	referring to an oral disclosure, use, exhibition or other means	combined with one or more other such being obvious to a person skilled in the	
"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent family	
Date of the actual completion of the international search		Date of mailing of the international search	h report
13 June 2006 (13.06.2006)		l	
	iling address of the ISA/US	Authorized officer	
	il Stop PCT, Attn: ISA/US nmissioner for Patents	Scott Jones	ļ
P.O. Box 1450		Telephone No. (571) 272-4438	
	xandria, Virginia 22313-1450 . (571) 273-3201	12.cpmyno 11p. (3/1) 2/2-4430	
	(3/1) 2/3-3201	L	

Form PCT/ISA/210 (second sheet) (April 2005)