(19) World Intellectual Property Organization

International Bureau



- | 1810 | 1810 | 1810 | 1810 | 1810 | 1810 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 | 1811 |

(10) International Publication Number WO 2008/057294 A3

(43) International Publication Date 15 May 2008 (15.05.2008)

- (51) International Patent Classification: *G06F 17/00* (2006.01)
- (21) International Application Number:

PCT/US2007/022756

- (22) International Filing Date: 26 October 2007 (26.10.2007)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:

60/863,267 27 October 2006 (27.10.2006) US 60/888,809 8 February 2007 (08.02.2007) US

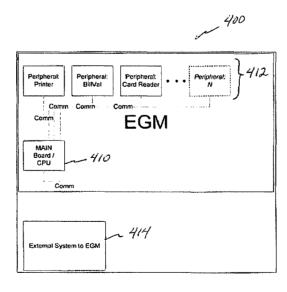
- (71) Applicant (for all designated States except US): WMS GAMING INC. [US/US]; 800 South Northpoint Blvd., Waukegan, IL 60085 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): PHAN, Matthew,
 H. [US/US]; 7512 Midnight Rambler St., Las Vegas,
 NV 89149 (US). SHIMABUKURO, Jorge, L. [US/US];
 6130 W. Flamingo Rd., #456, Las Vegas, NV 89103 (US).
 WANG, Jun [US/US]; 9160 Whatley Street, Las Vegas,
 NV 89148 (US).
- (74) Agents: STEFFEY, Charles, E. et al.; Schwegman, Lundberg & Woessner, P.A., P.O. Box 2938, Minneapolis, MN 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, BH, BR, BW, BY, BZ, CA, CH, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, 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, 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, LV, MC, MT, 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: 17 July 2008

(54) Title: EXTERNAL CONTROL OF A PERIPHERAL DEVICE THROUGH A COMMUNICATION PROXY IN AN ELECTRONIC WAGERING GAME SYSTEM



(57) Abstract: Example embodiments are directed to external control of peripheral devices through a communication proxy of an electronic wagering game machine in a wagering game network. In a particular embodiment, an electronic wagering game machine includes a central processing unit (CPU); at least one peripheral device in data communication with the CPU; and a data communication interface in data communication with the CPU to enable data communication with an external system via an external system interface, the data communication interface including a first communication mode to control data communication between the external system and the at least one peripheral device, the data communication interface including a second communication mode to enable a communication proxy that optionally relinquishes control of the data communication between the external system and the at least one peripheral device.





INTERNATIONAL SEARCH REPORT

International application No. PCT/US07/22756

A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - G06F 17/00 (2008.01) USPC - 463/29 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) IPC(8) - G06F 17/00; H04M 3/42 (2008.01) USPC - 379/230; 463/29			
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) MicroPatent, PatBase, IP.com, Google Patents, Google Scholar			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.
x	US 6,682,423 B2 (BROSNAN et al) 27 January 2004 (27.01.2004) entire document		1-2, 4-6, 9-12, 14-16, 19-24, 27-28
Υ .			3, 7-8, 13, 17-18, 25-26
Y	US 5,889,848 A (COOKSON) 30 March 1999 (30.03.1999) entire document		3, 7-8, 13, 17-18, 25-26
	•		
	·		
		•	
•		· .	
		·	
			·
Furthe	or documents are listed in the continuation of Box C.		
* Special categories of cited documents: "T" later document published after the international filing date or priority			
to be of	to be of particular relevance the principle or theory underlying the invention		
filing d	earlier application or patent but 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		
cited to special	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		
means	O" document referring to an oral disclosure, use, exhibition or other means combined with one or more other such documents, such combination being obvious to a person skilled in the art		
"P" document published prior to the international filing date but later than "&" document member of the same patent family the priority date claimed			
Date of the actual completion of the international search 08 March 2008		3 0 APR 2008	
Name and mailing address of the ISA/US		Authorized officer:	
Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450		Blaine R. Copenheaver	
Facsimile N	0. 571-273-3201	DCT OCD: 671 272 7774	