## (19) World Intellectual Property Organization

International Bureau



# 

(43) International Publication Date 21 December 2007 (21.12.2007)

**PCT** 

# (10) International Publication Number WO 2007/146346 A3

- (51) International Patent Classification: *A63F 9/24* (2006.01)
- (21) International Application Number:

PCT/US2007/013891

- (22) International Filing Date: 13 June 2007 (13.06.2007)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:

60/804,578

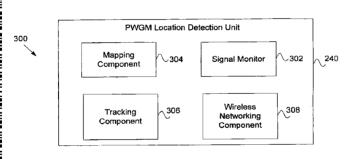
13 June 2006 (13.06.2006) US

- (71) Applicant (for all designated States except US): WMS GAMING INC. [US/US]; 800 South Northpoint Blvd., Waukegan, Illinois 60085 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): GAGNER, Mark, B. [US/US]; 30W515 Diversey Parkway, West Chicago, Illinois 60185 (US).

- (74) Agents: STEFFEY, Charles, E. et al.; Schwegman, Lundberg & Woessner, P.A., 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, 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,

[Continued on next page]

#### (54) Title: LOCATION DETECTION FOR PORTABLE WAGERING GAME MACHINES



(57) Abstract: Systems and methods determine a location for a portable wagering game machine. The system may include a plurality of wireless signal sources, including wireless access points or Bluetooth type devices. The wireless signal sources may be arranged in predetermined locations such as a grid. In addition, a database may provide location information for the plurality of wireless signal sources.

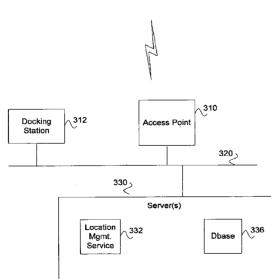


FIG. 3



#### 

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: 30 October 2008

### INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/13891

A. CLASSIFICATION OF SUBJECT MATTER IPC: A63F 9/24(2006.01)		
IFC. A031-9/24(2000.01)		
USPC: 463/25,29 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) U.S.: 463/25, 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)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category * Citation of document, with indication, where a	appropriate, of the relevant passages	Relevant to claim No.
X US 5,618,232 A (MARTIN) 8 April 1997 (08.04.19	97), columns 3-6	1-25
·		
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 particular relevance	"T" later document published after the inter date and not in conflict with the applica principle or theory underlying the inven "X" document of particular relevance; the cl	tion but cited to understand the tion
"E" earlier application or patent published on or after the international filing date	considered novel or cannot be considered when the document is taken alone	ed to involve an inventive step
"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 cl considered to involve an inventive step with one or more other such documents	when the document is combined
"O" document referring to an oral disclosure, use, exhibition or other means	obvious to a person skilled in the art	
"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 Gp 2008	
21 May 2008 (21.05.2008)		
Name and mailing address of the ISA/US  Mail Stop PCT, Attn: ISA/US  Commissioner for Patents  P.O. Box 1450  Alexandria, Virginia 22313-1450  Facsimile No. (571) 273-3201	Authorized officer  Robert Pezzuto  Telephone No. (571) 272-3700	for

Form PCT/ISA/210 (second sheet) (April 2007)