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(71) Applicant (for all designated States except US): WMS
GAMING INC. [US/US]; 800 South Nortpoint Blvd.,
Waukegan, IL 60085 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): THOMAS, Alfred
[US/US]; 2385 E. Windmill #247, Las Vegas, NV 89123
(US).

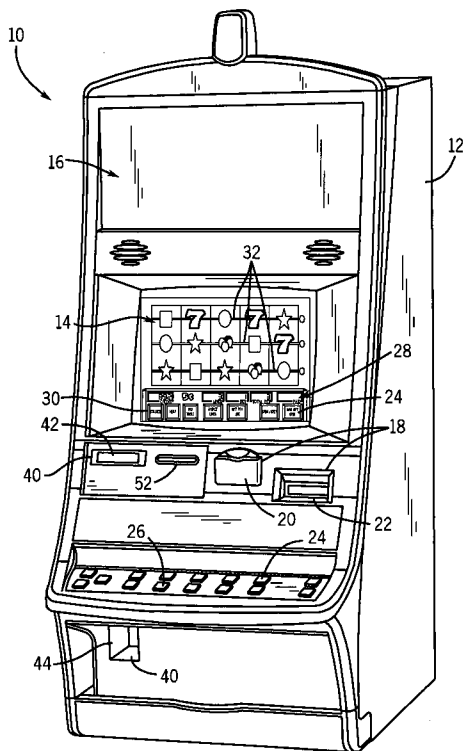
(74) Agents: PATTI, Carmen, B. et al.; Patti, Hewitt & Arez-
ina LLC, One North Lasalle Street, 44th Floor, Chicago, IL
60602 (US).

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[Continued on next page]

(54) Title: HANDHELD GAMING SYSTEM HAVING DYNAMICALLY ADJUSTING INTERFACES AND DISPLAYS



(57) Abstract: A gaming system comprises a handheld gaming device having a first display for displaying a wagering game. The system further comprises a wager input device in communication with the handheld gaming device. The system includes a detector for detecting at least one external input device connected to the handheld gaming device. The system further comprises a controller operative to cause the first display to display a first format of the wagering game if connection with the at least one external input device is not detected by the detector, and cause the first display to display a second format of the wagering game if connection with the at least one external input device is detected by the detector. The format of the display is configured or changed according to the connection of the device to its cradle or clocking station.

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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)
G07F

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 practical, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/064805 A1 (WELLS WILLIAM R [US]) 3 April 2003 (2003-04-03) paragraph [0035] paragraph [0043]; figures 1,2 paragraph [0056] paragraph [0111]	1-28
X	US 2001/044337 A1 (ROWE RICK [US] ET AL) 22 November 2001 (2001-11-22) paragraph [0014] - paragraph [0081]	1-28
A	US 6 523 124 B1 (LUNSFORD ERIC M [US] ET AL) 18 February 2003 (2003-02-18) column 6, line 45 - line 53	1-28
A	US 2004/110532 A1 (OCHI RYOUICHI [JP] ET AL) 10 June 2004 (2004-06-10) abstract	1-28
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* Special categories of cited documents :

<p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*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)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p>	<p>*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</p> <p>*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</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*&* document member of the same patent family</p>
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer <p style="text-align: center;">Lavin Liermo, Jesus</p>
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INTERNATIONAL SEARCH REPORT

International application No

PCT/US2007/022315

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2001 154990 A (SHARP KK) 8 June 2001 (2001-06-08) abstract -----	1-28
A	US 2002/163778 A1 (HAZZARD THOMAS B [US] ET AL) 7 November 2002 (2002-11-07) abstract -----	1-28
A	US 2005/024816 A1 (MARAPPAN KUMAR [US]) 3 February 2005 (2005-02-03) abstract -----	1-28
A	US 2003/006968 A1 (SOLOMON ROBERT [US]) 9 January 2003 (2003-01-09) abstract -----	1-28
A	WO 02/058020 A (IGT UK LTD [GB]; RUTANEN TUOMO [US]; UPLINGER DREW [US]; NORMAN CHRIST) 25 July 2002 (2002-07-25) page 6 - page 23 -----	1-28
A	US 6 270 410 B1 (DEMAR MICHAEL [US] ET AL) 7 August 2001 (2001-08-07) abstract -----	1-28

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003064805	A1	03-04-2003	AT 391971 T 15-04-2008
			CA 2461881 A1 03-04-2003
			EP 1444662 A2 11-08-2004
			RU 2321067 C2 27-03-2008
			WO 03027970 A2 03-04-2003
			US 2005101383 A1 12-05-2005
			ZA 200402387 A 26-08-2004
US 2001044337	A1	22-11-2001	AT 327807 T 15-06-2006
			AT 373510 T 15-10-2007
			AU 4990101 A 23-10-2001
			CA 2405166 A1 18-10-2001
			DE 60120128 T2 26-10-2006
			DE 60130592 T2 12-06-2008
			EP 1268022 A2 02-01-2003
			ES 2261391 T3 16-11-2006
			ES 2293606 T3 16-03-2008
			WO 0176710 A2 18-10-2001
			US 2002098888 A1 25-07-2002
			US 2002103027 A1 01-08-2002
			US 6682421 B1 27-01-2004
			ZA 200207989 A 12-05-2003
US 6523124	B1	18-02-2003	US 2003061525 A1 27-03-2003
US 2004110532	A1	10-06-2004	JP 2004186891 A 02-07-2004
JP 2001154990	A	08-06-2001	NONE
US 2002163778	A1	07-11-2002	AU 2002340896 A1 18-11-2002
			EP 1415216 A2 06-05-2004
			WO 02091125 A2 14-11-2002
US 2005024816	A1	03-02-2005	NONE
US 2003006968	A1	09-01-2003	NONE
WO 02058020	A	25-07-2002	EP 1384213 A2 28-01-2004
			GB 2389441 A 10-12-2003
			NZ 527747 A 28-10-2005
			US 2004132530 A1 08-07-2004
US 6270410	B1	07-08-2001	NONE