(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 5 June 2003 (05.06.2003)

PCT

(10) International Publication Number WO 2003/046850 A3

(51) International Patent Classification⁷:

G07F 17/32

(21) International Application Number:

PCT/US2002/038185

(22) International Filing Date:

27 November 2002 (27.11.2002)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 09/998,927

29 November 2001 (29.11.2001) US

- (71) Applicant: IGT [US/US]; 9295 Prototype Drive, Reno, NV 89511 (US).
- (72) Inventors: SHARPLESS, David, J.; 1772 Clearwater Canyon Drive, Henderson, NV 89012 (US). DEGRAND-MAISON, Jason, R.; 2180 E. Warm Springs, Apt. 2119, Las Vegas, NV 89119 (US). MOTTES, Julie, A.; 1804 Walden Court, Henderson, NV 89014 (US). TESSMER, Michael, T.; 325 Duhohery Court, Bozeman, MT 59715 (US)
- (74) Agent: KRIEGEL, Jeremy, R.; Marshall, Gerstein & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606-6357 (US).

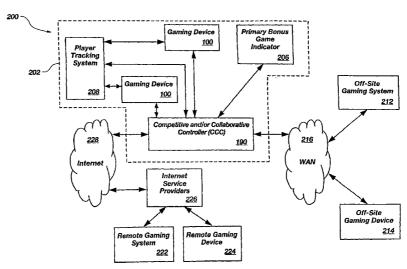
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 2 September 2004

[Continued on next page]

(54) Title: SYSTEM, APPARATUS AND METHOD EMPLOYING CONTROLLER FOR PLAY OF SHARED BONUS GAMES



(57) Abstract: The present invention includes a system, apparatus and method for providing a bonus game which may be shared competitively, collaboratively or both among a plurality of players. Each player participating in the bonus game generates entries thereto in association with play of a base, or primary, game played on an individual gaming device. Players may also reintroduce entries for the bonus game that were generated on a gaming device at an earlier time to a different gaming device. Each gaming device is in communication with a controller that operates the shared bonus game and may communicate with or integrate a player tracking system. During the shared bonus game, the controller is configured to randomly select a bonus award amount that may be consistent with the par sheets, or pay tables, associated with the gaming devices, or separate therefrom. The controller is also configured to randomly select a winning entry from among all of the qualified entries and provide the bonus award amount to the player that placed the winning entry.

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.

International Application No PCT/US 02/38185

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G07F17/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ccc} \text{Minimum documentation searched (classification system followed by classification symbols)} \\ IPC & 7 & G07F \end{array}$

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, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X	US 6 224 484 B1 (YAMAGUCHI TAKASHI ET AL) 1 May 2001 (2001-05-01) abstract figures 1,8 column 2, lines 13-41 column 3, lines 3-10 column 8, lines 11-56 column 9, lines 42-53 column 10, lines 8-67 column 11, line 13 - column 12, line 10	49-60, 64-89		
X	US 2001/036855 A1 (MEEKINS JOHN P ET AL) 1 November 2001 (2001-11-01) abstract figure 3 paragraphs '0013! - '0027!, '0048!, '0051! - '0055!, '0074!, '0083!, '0088!, '0092!, '0098! - '0101!	49-60, 64-89		

Further documents are listed in the continuation of box C.	Y Patent family members are listed in annex.		
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "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) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	 *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 *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 *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. *&* document member of the same patent family 		
Date of the actual completion of the international search	Date of mailing of the international search report		
16 July 2004	26/07/2004		
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer		
NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Gabriel, C		

International Application No
PCT/US 02/38185

0.40 ::	Alan) DOCUMENTO CONCENTA	PCT/US 02/38185	
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
Х	WO 01/80057 A (IGT RENO NEV) 25 October 2001 (2001-10-25) page 1, lines 12-15 page 3, line 7 - page 4, line 6	49-66	
A	US 4 710 873 A (BRESLOW JEFFREY D ET AL) 1 December 1987 (1987-12-01) abstract figures 1-3	61-63	

International application No. PCT/US 02/38185

Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This Inte	ernational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1.	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. X	Claims Nos.: 1–48 because they relate to parts of the International Application that do not comply with the prescribed requirements to such
	because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically: see FURTHER INFORMATION sheet PCT/ISA/210
	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This Inte	ernational Searching Authority found multiple inventions in this international application, as follows:
1.	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.	As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark	on Protest
	No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 1-48

The claims relate to subject matter for which no search is required according to Rule 39 PCT. Given that the claims are formulated in terms of such subject matter or merely specify commonplace features relating to its technological implementation, the search examiner could not establish any technical problem which might potentially have required an inventive step to overcome. Hence it was not possible to carry out a meaningful search into the state of the art (Art. 17(2)(a)(i) and (ii) PCT; see PCT International Search Guidelines, Chapter VIII, items 1 to 3).

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

Information on patent family members

International Application No PCT/US 02/38185

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
US 6224484	B1 01-05-2001	. JP JP	2928493 B2 10328354 A	03-08-1999 15-12-1998
US 2001036855	A1 01-11-2001	. US	6685563 B1	03-02-2004
WO 0180057	A 25-10-2001	. AU EP WO US ZA	5703701 A 1290571 A1 0180057 A1 2003083132 A1 200209305 A	30-10-2001 12-03-2003 25-10-2001 01-05-2003 08-10-2003
US 4710873	A 01–12–1987	NONE	——————————————————————————————————————	