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**Declarations under Rule 4.17:**

- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))
- of inventorship (Rule 4.17(iv))

**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

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4 May 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: WAGERING GAME WITH CHARACTER LEARNING

(57) Abstract: Wagering game terminal and method of operating same are disclosed where the player characters or avatars learn from the experiences of previous games. Thus, the player characters or avatars in effect remember the paths they have taken and/or the choices they have selected previously. This learning or remembrance may occur across multiple games and may be manifested by visual and/or audio reminders, including removal of the previously taken paths/choices. Other indicators such as audio or text messages may also be used. The player characters or avatars may also refuse or be reluctant to repeat a particular path/choice. In this way, the player may retain the benefits of his earlier efforts, thereby increasing player excitement and enjoyment.

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**INTERNATIONAL SEARCH REPORT**

International application No.  
PCT/US05/23098

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC(7) : A 63 F 13/00  
 US CL : 463/16-22  
 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. : 463/16-22

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 appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 2002/0094871 A1 (Luciano, Jr. et al.) 18 July 2002 (18.07.2002), full text and drawings	1, 2, 6-9, 11, 16-19, 21, & 22 ----- 3-5, 10, 12-14, 15 & 20 3-5 & 15
Y	US 6,663,489 B2 (Baerlocher) 16 December 2003 (16.12.2003), full text	10, 12-14 & 20
Y	US 6,745,236 B1 (Hawkins et al.) 01 June 2004 (01.06.2004), full text	1-16 & 18-22
Y	US 2002/0077173 A1 (Luciano et al.) 20 June 2002 (20.06.2002), full text and drawings	1-15
Y	US 2004/0053680 A1 (Schultz) 18 March 2004 (18.03.2004), full text and drawings	

Further documents are listed in the continuation of Box C.  See patent family annex.

* Special categories of cited documents:	"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
"A" document defining the general state of the art which is not considered to be of particular relevance	"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
"E" earlier application or patent published on or after the international filing date	"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
"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)	"&" document member of the same patent family
"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	

Date of the actual completion of the international search: 08 November 2005 (08.11.2005)  
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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  
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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/23098

## Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international 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.  Claims Nos.:  
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:
  
3.  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 No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:  
Please See Continuation Sheet

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 additional fees, this Authority did not invite payment of any additional fees.
  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.: 1-16 and 18-22
- Remark on Protest**
- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
  - The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
  - No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/23098

### BOX III. OBSERVATIONS WHERE UNITY OF INVENTION IS LACKING

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1. In order for all inventions to be examined, the appropriate additional examination fees must be paid.

Group I, claim(s) 1-16, drawn to a wagering game terminal with a wager input.

Group II, claim(s) 17-22, drawn to a wagering game system with a network server.

Group III, claim(s) 23-28, drawn to a method of operating a wagering game terminal.

The inventions listed as Groups I, II & III do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: The inventions listed as Groups I, II and III do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: the special technical feature of the Group I invention is the wager input which is not present in Group II and/or III. The special technical feature of the Group II invention is the network server that is not present in Group I and/or III. The special technical feature of Group III is presenting a player of a current game with a plurality of game options that is not present in Group I and/or II.