



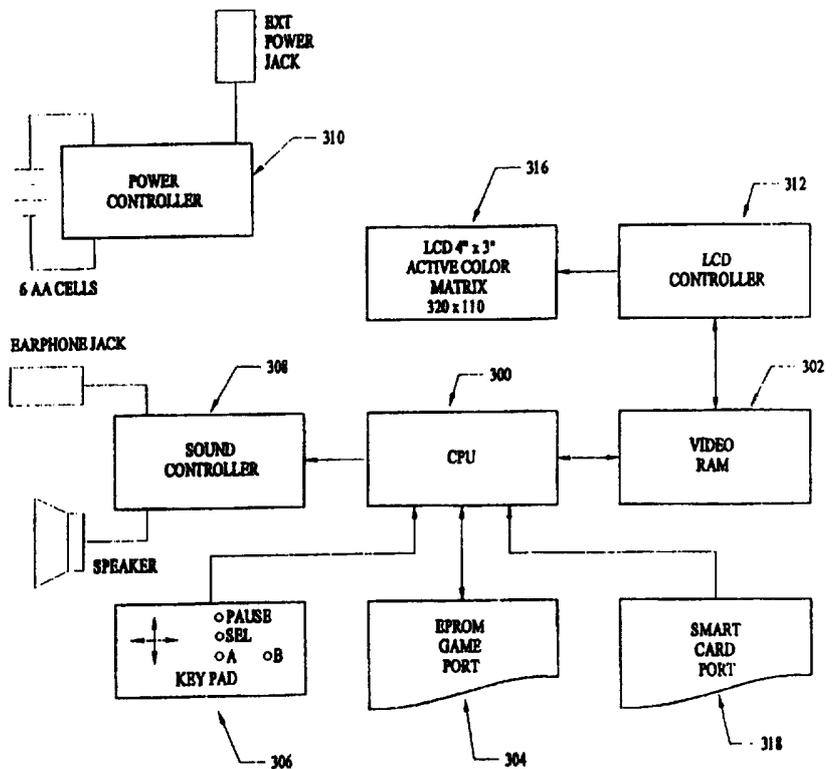
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification ⁶ : A63F 9/24</p>	<p>A3</p>	<p>(11) International Publication Number: WO 97/46292 (43) International Publication Date: 11 December 1997 (11.12.97)</p>
<p>(21) International Application Number: PCT/US96/19963 (22) International Filing Date: 17 December 1996 (17.12.96) (30) Priority Data: 08/577,018 22 December 1995 (22.12.95) US (71)(72) Applicants and Inventors: KELMER, Aaron [US/US]; 5001 W. Lee Street, Skokie, IL 60077 (US). KELMER, Michael [US/US]; 5001 W. Lee Street, Skokie, IL 60077 (US). (74) Agent: GERSTEIN, Milton; 6629 N. Francisco Avenue, Chicago, IL 60645 (US).</p>		<p>(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> (88) Date of publication of the international search report: 8 January 1998 (08.01.98)</p>

(54) Title: FLOPPY-DISK ENTERTAINMENT AND GAMBLING SYSTEM FOR PERSONAL COMPUTERS

(57) Abstract

This invention is a method of playing a gambling game-device on a personal computer (300) utilizing at least one disk drive or a smart card reader (318) for reading data from either a disk or smart card that is purchased from a licensed vendor or provider. When the disk or smart card is purchased, a predetermined, gambling credit-balance is credited to the credit balance field of the wage-related control information section of the disk or card. From that credit-balance, the purchaser may bet any desired amount, up to the maximum credited, during the playing of the gambling game. Before the start of play of the game, the player is asked the amount of his wager, whereupon that amount is deducted from the credit-balance field and debited to the debit-field (fig. 3). After having played the gambling game, the winnings, if any, are debited to the credit-field or the losses, if any, are debited to the debit-field of the disk or card (figs. 3-9). After the player has used up all of the credit-balance has reached either a zero balance or a predetermined maximum, by means of one or more winnings, then the disk or card having the wage-related control information section is returned to the vendor or provider, for either the purchase of a new credit-balance, or for the collection of the monies won. A dedicated, portable computer unit is provided with a smart card reader incorporating the gambling game software therein (figs. 1-11).



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US96/19963

A. CLASSIFICATION OF SUBJECT MATTER
 IPC(6) :A63F 09/24
 US CL :Please See Extra Sheet.
 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, 16, 12, 13, 43, 23, 29, 36, 1; 364/412, 410, 401R, 406; 273/148B; 235/380

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 APS
 search terms: practice, amusement or entertainment and games

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P	US 5,569,082 A (KAYE) 29 October 1996, col. 2, line 54 to col.10, line 58; and Figs.1-13.	1-7, 11-14, 16-18
Y	US 5,342,047 A (HEIDEL et al) 30 August 1994, col. 2, line 23 to col. 4, line 19; and Figs. 1-4.	1-7, 11-14, 16-18
Y	GAUNTLET, Atari Games, Mindscape Inc., Copyright 1985, pages 1-6.	1-7, 11-14, 16-18
Y	US 5,267,734 A (STAMPER et al) 7 December 1993, col. 3, line 3 to col. 7, line 30; and Figs. 1-3.	2-4, 7, 12, 14, 17
Y	US 4,738,451 A (LOGG) 19 April 1988, col. 4, line 15 to col. 6, line 30; and Figs. 1-6.	1-7, 11-14, 16-18

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

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Date of the actual completion of the international search 12 FEBRUARY 1997	Date of mailing of the international search report 11 MAR 1997
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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US96/19963

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,179,517 A (SARBIN et al) 12 January 1993, entire document.	1-7, 10-14 16-18

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US96/19963

A. CLASSIFICATION OF SUBJECT MATTER:

US CL :

235/380; 273/148B; 364/401R, 406, 410, 412; 463/1, 12, 13, 16, 23, 25, 29, 36, 43