(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
29 July 2004 (29.07.2004)

PCT

(10) International Publication Number
WO 2004/063918 A2

(51) International Patent Classification[7]: G06F 3/00

(21) International Application Number:
PCT/US2003/038578

(22) International Filing Date: 3 December 2003 (03.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/340,440 9 January 2003 (09.01.2003) US

(71) Applicant: SONY COMPUTER ENTERTAINMENT AMERICA, INC. [US/US]; 919 East Hillsdale Boulevard, 2nd Floor, Foster City, CA 94404 (US).

(72) Inventors: TU, Edgar, Allan; 919 East Hillsdale Blvd. 2nd Floor, Foster City, CA 94404 (US). REITMEYER, Michael; 919 East Hillsdale Blvd. 2nd Floor, Foster City, CA 94404 (US). RIMON, Noam; 919 East Hillsdale Blvd. 2nd Floor, Foster City, CA 94404 (US).

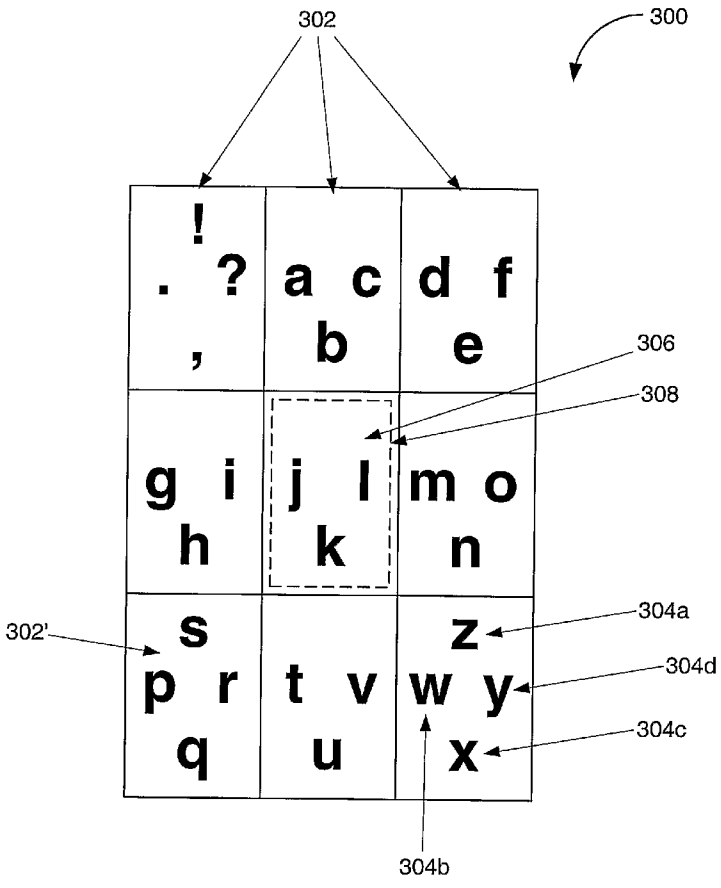
(74) Agent: PENILLA, Albert, S.; Martine & Penilla, LLP, 710 Lakeway Drive, Suite 170, Sunnyvale, CA 94085 (US).

(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, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States *(regional)*: ARIPO patent (BW, 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, HU, IE, IT, LU, MC, NL, PT, RO, SE,

[Continued on next page]

(54) Title: ALPHANUMERIC KEYBOARD INPUT SYSTEM USING A GAME CONTROLLER



(57) Abstract: An invention is provided for an alphanumeric keyboard input system using a controller, such as a game controller. A plurality of cells is provided, where each cell includes a plurality of characters. A user is allowed to select any character using only two commands. In particular, a first command is used to select a particular cell of the plurality of cells, and a second command is used to select a particular character of the plurality of characters within the selected cell.

WO 2004/063918 A2

SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *without international search report and to be republished upon receipt of that report*

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.