PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : G06F 3/00 — A2

(11) International Publication Number: WO 99/12091

(43) International Publication Date: 11 March 1999 (11.03.99)

(21) International Application Number: PCT/US98/18149

(22) International Filing Date: 1 September 1998 (01.09.98)

(30) Priority Data:
08/922,614 3 September 1997 (03.09.97) US

(71) Applicant: COLORGRAPHIC COMMUNICATIONS CORPORATION [US/US]; 5980 Peachtree Road, Atlanta, GA 30341 (US).

(72) Inventors: JORDAN, Douglas, A.; 1362 Daniel Lane, Lawrenceville, GA 30245 (US). BISKEY, Bruce, L.; 5535 Baldridge Circle, Cumming, GA 30130 (US). MINTZ, Ezra; 4012 Stephens Mill, Atlanta, GA 30342 (US). YOUNG, Thomas, D.; 1695 Carlington Court, Grayson, GA 30221 (US).

(74) Agents: PRATT, John, S. et al.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309–4530 (US).

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

Published
Without international search report and to be republished upon receipt of that report.

(54) Title: MULTIPLE–SCREEN VIDEO ADAPTER WITH TELEVISION TUNER

(57) Abstract

Video adapter hardware and software permitting the display of computer information and television signals across several display devices. The video adapter hardware includes two graphics user interface accelerators, two television tuners, one or more video decoders, and one or more video multiplexers. Each accelerator is coupled to a memory unit for access to graphics data. One television tuner accepts input from an outside television source, such as a cable television company or a video cassette recorder. In addition, the video multiplexers accept input from other external video sources. Video data is output from the graphics accelerators to multiple screens. Video adapter software displays a tool window allowing the user to select first input for the first display device and a second input for the second display device. The software displays the results of the two inputs on the respective display devices. If the inputs are identical, however, the information may be displayed across both display devices.

