



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : G06F 12/00	A1	(11) International Publication Number: WO 99/60479 (43) International Publication Date: 25 November 1999 (25.11.99)
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(21) International Application Number: PCT/US99/04720

(22) International Filing Date: 3 March 1999 (03.03.99)

(30) Priority Data:
09/080,872 18 May 1998 (18.05.98) US

(71) Applicant (for all designated States except US): INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): WIRT, Lynda, M. [US/US]; 8237 Woodlake Hills Drive, Orangevale, CA 95662 (US).

(74) Agents: TAYLOR, Edwin, H. et al.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) Designated States: AL, AM, AT, AT (Utility model), AU (Petty patent), AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, 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, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, 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

With international search report.

(54) Title: SINGLE AND MULTIPLE CHANNEL MEMORY DETECTION AND SIZING

(57) Abstract

As shown in Figures 4, 5, 6 and 7, a method for BIOS code for detecting and grouping memory devices connected to one or more memory channels, comprising reading characteristics of a memory device (414) and if the characteristics have not been previously read, then programming device ID and group ID registers based upon a device counter and a group counter, respectively (422). The method further includes steps for properly incrementing the device and group counters so that additional memory devices on the channel may be read and grouped.

