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

(72) Inventor: NELSON, Albert, R.; 4918 S.E. Montego, Hillsboro, OR 97123 (US).

(74) Agents: TAYLOR, Edwin, H. et al.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026 (US).

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(54) Title: DISK DRIVE CONNECTOR INTERFACE FOR USE ON PCI BUS

(57) Abstract

An interconnect mechanism for allowing use of an IDE compatible add-in card in a PCI compliant expansion slot. Unused PCI pins are exploited to provide for proper routing of necessary interrupt signals from an IDE add-in card. The presence of the IDE card in the PCI slot enables signaling circuitry for routing IDE interrupts to the computer system's interrupt controller and reroutes existing hard disk interrupt signals to the interrupt controller as a secondary hard disk interrupt. Another otherwise unused pin is exploited to provide a signal for lighting the computer system's hard disk active indicating LED. The gating circuitry is provided such that non-IDE, PCI-compliant add-in cards are provided with unaffected operation in the PCI slot.

