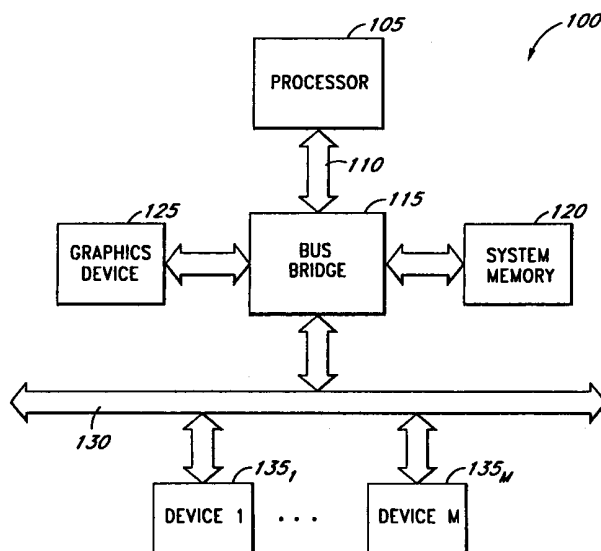




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<p>(21) International Application Number: PCT/US99/26728 (22) International Filing Date: 10 November 1999 (10.11.99) (30) Priority Data: 09/205,255 4 December 1998 (04.12.98) US (71) Applicant (for all designated States except US): INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): KHANDEKAR, Narendra [IN/US]; 1245 Humbug Creek Court, Folsom, CA 95630 (US). BOGIN, Zohar [IL/US]; 171 Wellfleet Circle, Folsom, CA 95630 (US). CLOHSET, Steve [US/US]; 2816 Regina Way, Sacramento, CA 95818 (US). (74) Agents: MILLIKEN, Darren, J. et al.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).</p>		<p>(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, 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, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, 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).</p> <p>Published <i>With international search report.</i></p> <p>(88) Date of publication of the international search report: 19 October 2000 (19.10.00)</p>

(54) Title: DECOUPLING OF A BUS BRIDGE'S INTERNAL LATENCIES FROM THOSE ON AN EXTERNAL BUS



(57) Abstract

A method and apparatus for decoupling internal latencies of a bus bridge (115) from those on an external bus (130) is described. In one embodiment, the method includes detecting a write cycle by an initiator (105) for transmitting data to a device (135). The method further includes asserting a write request to the device (135), responsive to detecting the write cycle, asserting a ready request to the initiator (105) without detecting an acknowledge from the device (135), and receiving the data from the initiator (105).


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