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(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)*: BELL, D., Michael [US/US]; 8160 S.W. 152nd Avenue, Beaverton, OR 97007 (US).

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

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(54) Title: SYSTEM AND METHOD OF FLOW CONTROL FOR A HIGH SPEED BUS

(57) Abstract

A system and method for controlling the flow of information between devices. A count is maintained representative of requests issued by a first device. The count is incremented (920) for each packet issued by a first device and decremented (910) for each packet received at the first device. A maximum buffer count, which corresponds to the capacity of the buffer is used to perform flow control by determining when the maximum buffer count is to be exceeded by the issuance of a packet by the first device. If the count is to be exceeded (925), issuance of packets by the first device is prevented until the maximum buffer count will not be exceeded by issuance of the packet.

