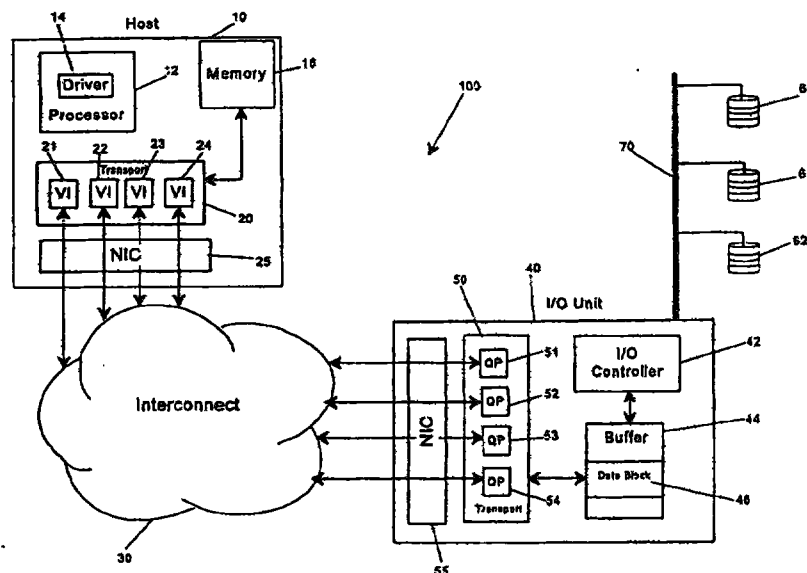




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(54) Title: STRIPING PACKETS OF DATA ACROSS MULTIPLE VIRTUAL CHANNELS



(57) Abstract

An I/O unit (40) for transporting a data block (46) having a plurality of data packets (147-150) across an interconnect (30) includes an I/O controller (42) and a memory (44) coupled to the I/O controller (42) for storing the data block (46). The I/O unit (40) further includes a DMA object (80) created by the controller (42) and referring to the data block (46), and a transport (50) that has a first and second VI queue pair (51, 52) being coupled to the interconnect (30). The I/O unit (40) further includes a first descriptor (90) created by the transport (50) and referring to a first data packet (147), and a second descriptor (91) created by the transport (50) and referring to a second data packet (148).