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(54) Title: APPARATUS AND METHOD FOR COUPLING TO A MEMORY MODULE

(57) Abstract: Briefly, in accordance with one embodiment of the invention, a system includes two boards coupled by a bus. The bus having a dual-terminated transmission line that communicatively couples a memory control hub with a memory repeater hub that each have a Rambus ASIC Cell (RAC). Briefly, in accordance with another embodiment of the invention, a connector has two metal traces that are of different lengths. The parasitic capacitance of the longer metal trace is increased so that the impedance of the two metal traces is substantially equal.