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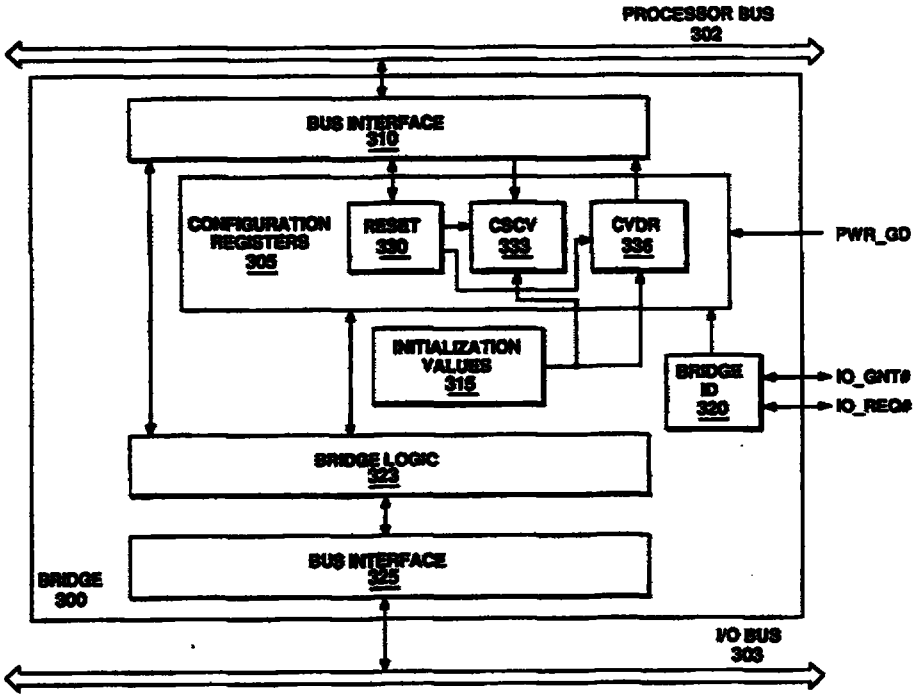
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(54) Title: METHOD AND APPARATUS FOR CONFIGURING MULTIPLE AGENTS IN A COMPUTER SYSTEM

(57) Abstract

An apparatus (300) for configuring multiple agents in a computer system includes a first storage device (315) for storing a set of configuration values and a second storage device (333) for capturing the set of configuration values from the bus (302). These configuration values are driven onto the bus (302) and retrieved from the bus (302) by interface logic (310) within the apparatus (300). The interface logic (310) drives the configuration values onto the bus (302) when a register (336) within the apparatus (300) is activated. At system power-on, the first storage device (315) defaults to a first set of values. These values are then driven onto the bus (302) and retrieved by each agent (203 - 206) on the bus (302). This first set of values provides the system with the necessary parameters to access and execute certain initialization program(s). These initialization programs can modify the configuration values stored in the first storage device (315). After the initialization program(s) modify the first storage device (315), they activate a register (336) within the apparatus. This register (336) causes interface logic (310) to drive the values stored in the first storage device (315) onto the system bus (302). Each agent (203-206) on the bus (302), including the apparatus (300), retrieves these values. The apparatus (300) stores these values in a second storage device (333) and proceeds to operate according to the values in the second storage device (333).



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