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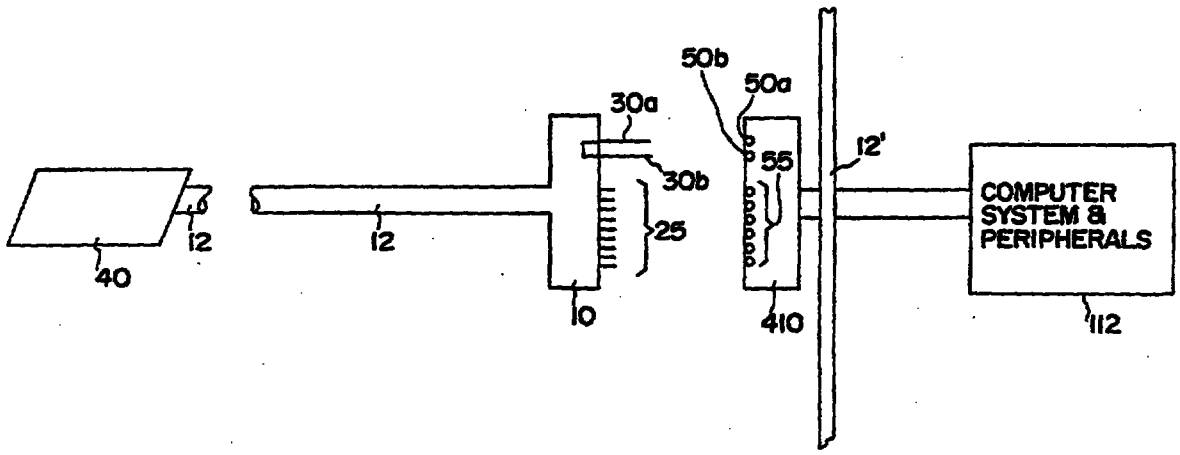
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(54) Title: METHOD AND MECHANISM FOR MAINTAINING INTEGRITY WITHIN SCSI BUS WITH HOT INSERTION



(57) Abstract

A system and method for quiescing a SCSI bus (12') by asserting the busy signal just prior to the SCSI signal pins (50a, 50b, 55) making contact or decoupling during a hot modification. By asserting the busy line for a predetermined and short period of time during the disturbance of the SCSI signal pins (50a, 50b, 55), glitches or noise introduced by the coupling or decoupling of the signal lines are isolated and prevented from causing transmission errors over the SCSI bus (12'). Any communication over the SCSI bus (12') made just prior to the hot modification is allowed to complete. For hot insertions, the system utilizes longer pins (30a, 30b) on the connector (10) to assert the busy line just before coupling of the other pins (25) of the connector (10). For removal, a special pair of short pins (25) are placed on the connector (10) to assert busy when decoupled.