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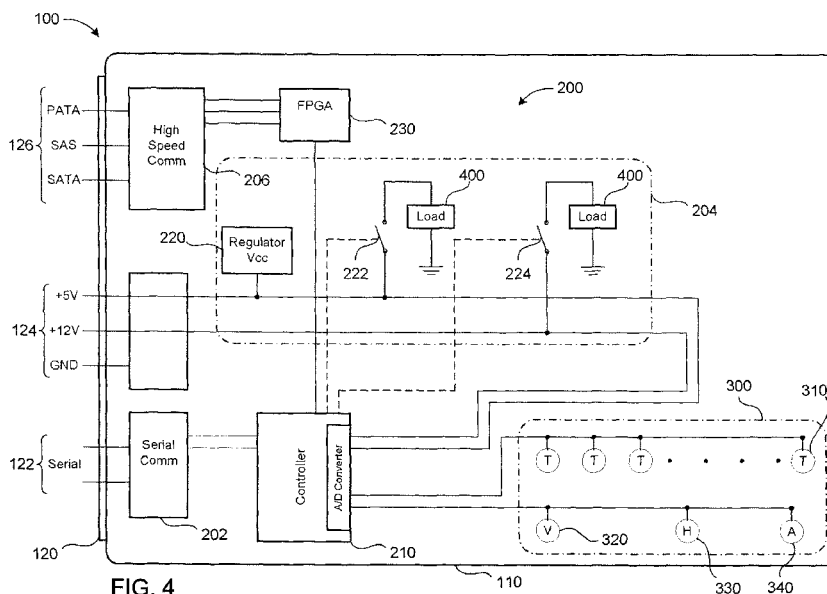
(54) Title: DISK DRIVE EMULATOR AND METHOD OF USE THEREOF

FIG. 4

(57) **Abstract:** A disk drive emulator (100) for testing a test slot (10) of a disk drive testing system (5) includes an emulator housing (110), a testing circuit housed (200) in the emulator housing, and an interface connector (120) disposed on the emulator housing and in electrical communication with the testing circuit. The disk drive emulator includes at least one sensor (310, 310B, 310M, 310T, 320, 330) in electrical communication with the testing circuit. The at least one sensor is selected from the group consisting of a temperature sensor (310, 310B, 310M, 310T), a vibration sensor (320), and a humidity sensor (330). The testing circuit is configured to test power delivery of the test slot to the disk drive emulator, monitor the at least one sensor, and monitor connector resistance between the test slot and the disk drive emulator.