

**SYSTEM AND METHOD FOR MAXIMUM
COMMAND RESPONSE TIME OF A DISC DRIVE**

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Abstract of the Disclosure

An information handling system, such as a disc drive, includes a disc stack rotatably attached, and a controller coupled to the disc stack. The controller contains instructions in which a maximum command response time will be used to controller execution of a disc command. The maximum command response time defines the
10 longest amount of time that the disc will use to perform input/output operations, for time-critical data, such as audio/visual data. The time-critical data is differentiated on the disk drive. In the absence of performing input/output within the maximum command response time, the controller will abandon the operation. The maximum command response time can be set by the controller, or by the host according to a
15 variety of criteria, such as minimizing the receiving buffer size or minimizing a chance of execution error. Lastly, a guaranteed command response time is used to determine an erroneous maximum command response time.

This Sheet Has Been Replaced

