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(54) Title: APPARATUS, SYSTEM, AND METHOD FOR MANAGING OPERATIONS FOR DATA STORAGE MEDIA

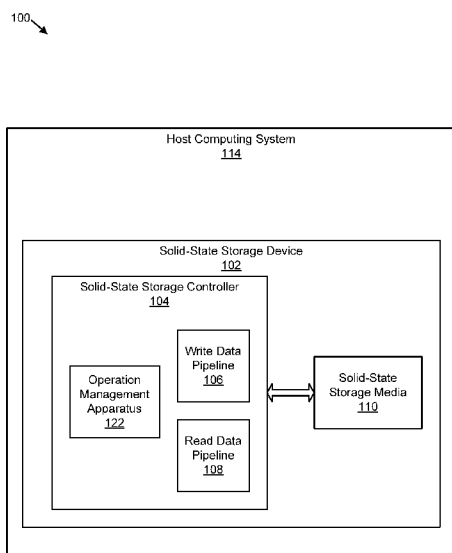


FIG. 1

(57) Abstract: An apparatus, system, and method are disclosed for managing operations for data storage media 110. An adjustment module 604 interrupts or otherwise adjusts execution of an executing operation on the data storage media 110. A schedule module 608 executes a pending operation on the data storage media 110 in response to adjusting execution of the executing operation. The pending operation comprises a higher execution priority than the executing operation. The schedule module 608 finishes execution of the executing operation in response to completing execution of the pending operation.

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G06F 9/06; H04B 7/00; G06F 9/46; G06F 12/00; G06F 12/08

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: storage read write erase priority, data storage media, adjust module;

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 2007-0204270 A1 (SHIN DONG-KUN) 30 August 2007(2007-08-30) See abstract, paragraphs [0037], [0046], [0049], claim 7, and figures 2-3.	1, 15, 17, 20 2-14, 16, 18-19 , 21-22
A	US 2010-0049913 A1 (MARC ALON et al.) 25 February 2010 See abstract, paragraphs [0039], [0040], figure 3.	1-22
A	US 2007-0239926 A1 (YEVGEN GYL et al.) 11 October 2007 See abstract, paragraphs [0020] - [0022], claim 7, and figures 2-3.	1-22
A	US 2009-0239468 A1 (HE XIAOJIE et al.) 24 September 2009 See abstract, paragraph [0062].	1-22

 Further documents are listed in the continuation of Box C. See patent family annex.

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