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(54) Title: FLASH MEMORY CONTROL INTERFACE

(57) Abstract: Interfaces, arrangements, and methods for controlling flash memory devices in multiple device systems without increasing a pin count are disclosed. In one embodiment, a memory controller can include a first interface to communicate with a host, and a second interface to communicate with a plurality of flash memory devices, where the second interface can include: a configuration terminal to transmit an instruction to the plurality of flash memory devices and to receive device identification information; a command control terminal to transmit a command timing signal to the plurality of flash memory devices; a clock terminal to transmit a clock signal to the plurality of flash memory devices; a read command terminal to receive a read command from the plurality of flash memory devices; and a first plurality of data input/output (I/O) terminals to transmit data to and receive data from the plurality of flash memory devices.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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B. FIELDS SEARCHED

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

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y Y Y	US 2005/286284 A1 (SEE SUN-TECK [US] ET AL) 29 December 2005 (2005-12-29) figure 3 paragraph [0006] - paragraph [0012] paragraph [0029] - paragraph [0031] paragraph [0038] ----- - / - -	1-24 2 8, 13 17-24

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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X	COMPACTFLASH ASSOCIATION: "CF+ and CompactFlash Specification Revision 2.0" INTERNET CITATION, [Online] May 2003 (2003-05), XP002360925 Retrieved from the Internet: URL :http://www.compactflash.org/cfspec2_0.pdf> [retrieved on 2005-12-23] page 107 - page 108	8, 13-24
Y		8, 13
Y		17-24
Y	US 2004/148482 A1 (GRUNDY KEVIN P [US] ET AL) 29 July 2004 (2004-07-29). figure 3 figure 5A figure 6 figures 7A-7E paragraph [0030] - paragraph [0031] paragraph [0035] paragraph [0037] paragraph [0040] - paragraph [0048] paragraph [0053] - paragraph [0061]	2, 17-24

INTERNATIONAL SEARCH REPORT

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US 2005286284	A1	29-12-2005	NONE	
US 2004148482	A1	29-07-2004	NONE	

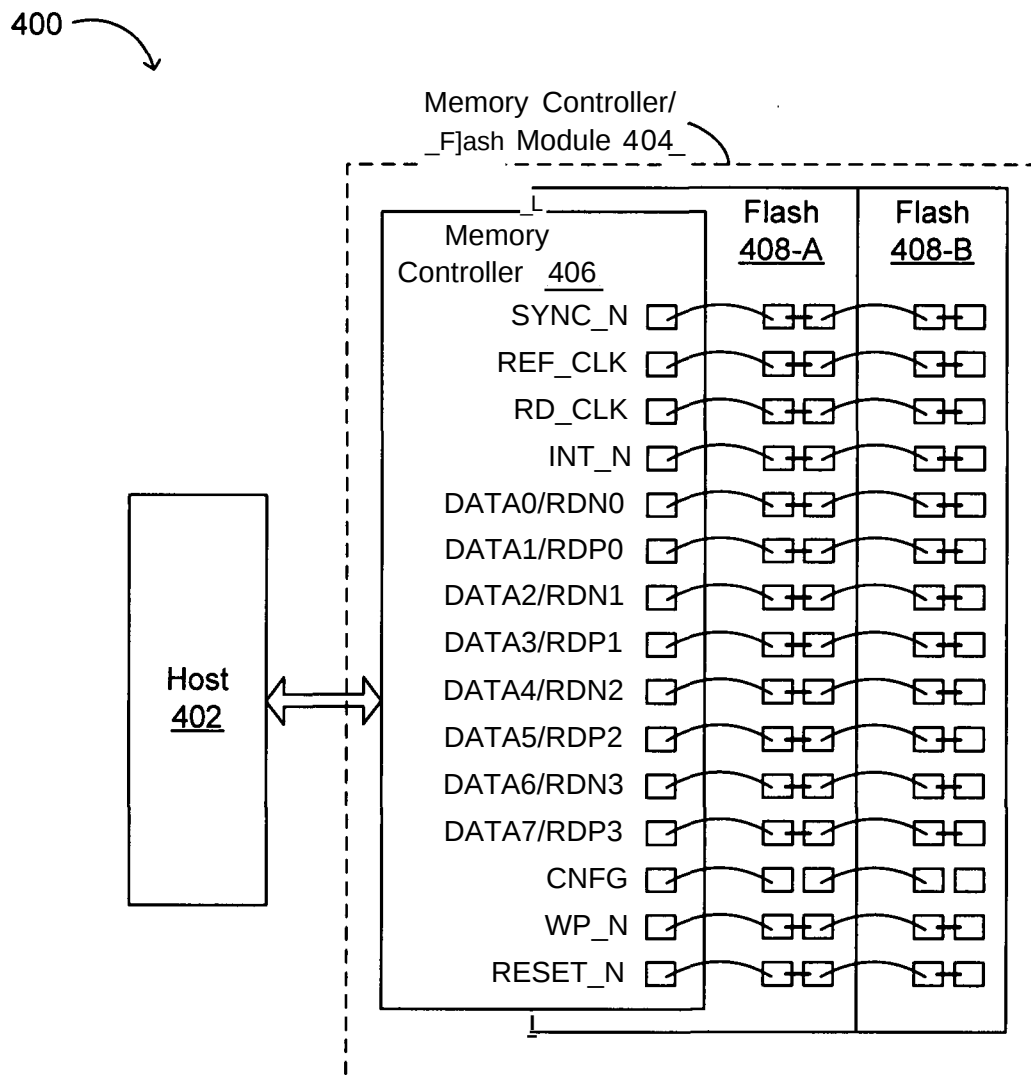


FIG. 4