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[Continued on next page]

(54) Title: CONFIGURATION FOR POWER REDUCTION IN DRAM

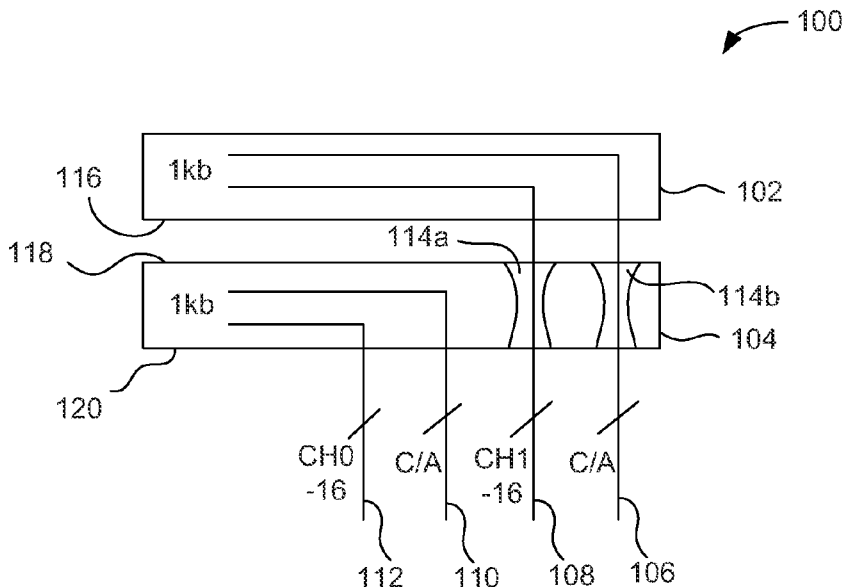


FIG. 1A

(57) Abstract: Disclosed embodiments may include an apparatus having a segment wordline enable coupled to logic to selectively disable ones of a number of segment wordline drivers. The logic may partition a page of the apparatus to reduce power consumed through activation of the disabled ones of the number of segment wordlines. Other embodiments may be disclosed.

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**A. CLASSIFICATION OF SUBJECT MATTER****G11C 11/4074(2006.01)i**

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)

G11C 11/4074; G11C 8/00; G11C 7/00; G06F 12/00; G06F 13/16; G11C 8/10; G11C 7/06; G11C 8/08

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) &amp; Keywords:DRAM, segment, sub, wordline, page, drive, array, memory, main, block, reduce, power, stack, PCB

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2001-0043502 A1 (TSUKASA OOISHI) 22 November 2001 See paragraphs [0013], [0058], [0072], [0079]; and figures 1-2.	1-2
A		3-20
Y	EP 2458505 A1 (GOOGLE INC.) 30 May 2012 See paragraphs [0023], [0040], [0077]-[0078], [0144]; and figures 1, 8-12, 16 A, 28.	1-2
A	US 2011-0019495 A1 (ROY E. SCHEUERLEIN et al.) 27 January 2011 See paragraphs [0043]-[0050]; and figures 3-4.	1-20
A	US 2012-0134226 A1 (DANIEL C. CHOW) 31 May 2012 See paragraphs [0030]-[0033]; and figures 1-2.	1-20
A	US 2010-0177586 A1 (RAYMOND JIT-HUNG SUNG et al.) 15 July 2010 See paragraphs [0013]-[0018]; and figures 1-2.	1-20

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

\* Special categories of cited documents:

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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&amp;" document member of the same patent family

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

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