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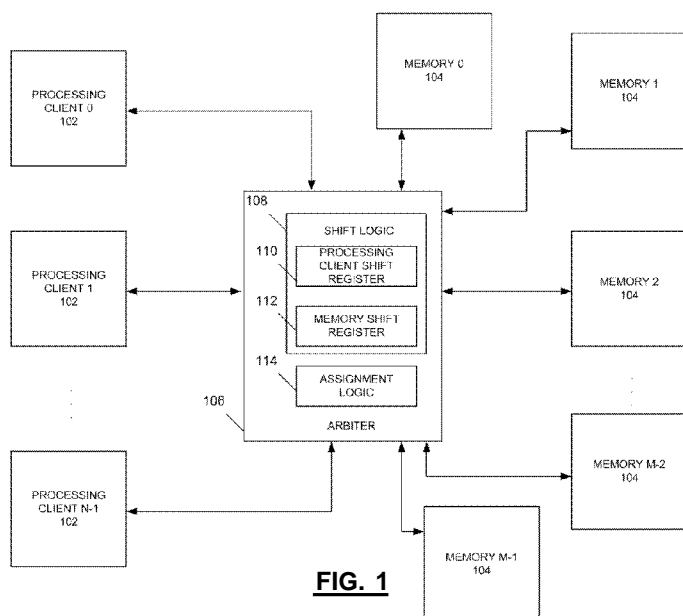
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61/717,970 24 October 2012 (24.10.2012) US(71) Applicant: MARVELL ISRAEL (M.I.S.L.) LTD.  
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(54) Title: SYSTEMS AND METHODS FOR PROVIDING REPLICATED DATA FROM MEMORIES TO PROCESSING CLIENTS

**FIG. 1**

(57) **Abstract:** Systems and methods are provided for a network device. A device includes a plurality of packet processing clients. The device further includes a plurality of memories, where a quantity of the memories is greater than a quantity of the packet processing clients, each of the memories storing a replica of data, the packet processing clients being configured to selectively read the control data from any of the memories. An arbiter is configured to select in a first clock cycle for the plurality of packet processing clients a first subset of memories from among the plurality of memories from which to read the control data, and in a second clock cycle, subsequent to the first clock cycle, to select for the plurality of packet processing clients a second subset of memories from among the plurality of memories from which to read the control data.

## INTERNATIONAL SEARCH REPORT

International application No  
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A. CLASSIFICATION OF SUBJECT MATTER  
INV. G06F13/16  
ADD.

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)  
H04L G06F

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

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

EPO-Internal , WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 7 281 093 B1 (KULKARNI CHIDAMBER R [US] ET AL) 9 October 2007 (2007-10-09) column 5, line 5 - column 6, line 4 figures 2,3	1-20
A	----- US 8 028 130 B1 (WEISS STEVEN F [US] ET AL) 27 September 2011 (2011-09-27) column 5, line 58 - column 6, line 18 claim 20 -----	1-20



Further documents are listed in the continuation of Box C.



See patent family annex.

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 7281093	B1	09-10-2007	NONE
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US 8028130	B1	27-09-2011	NONE
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