

1/5

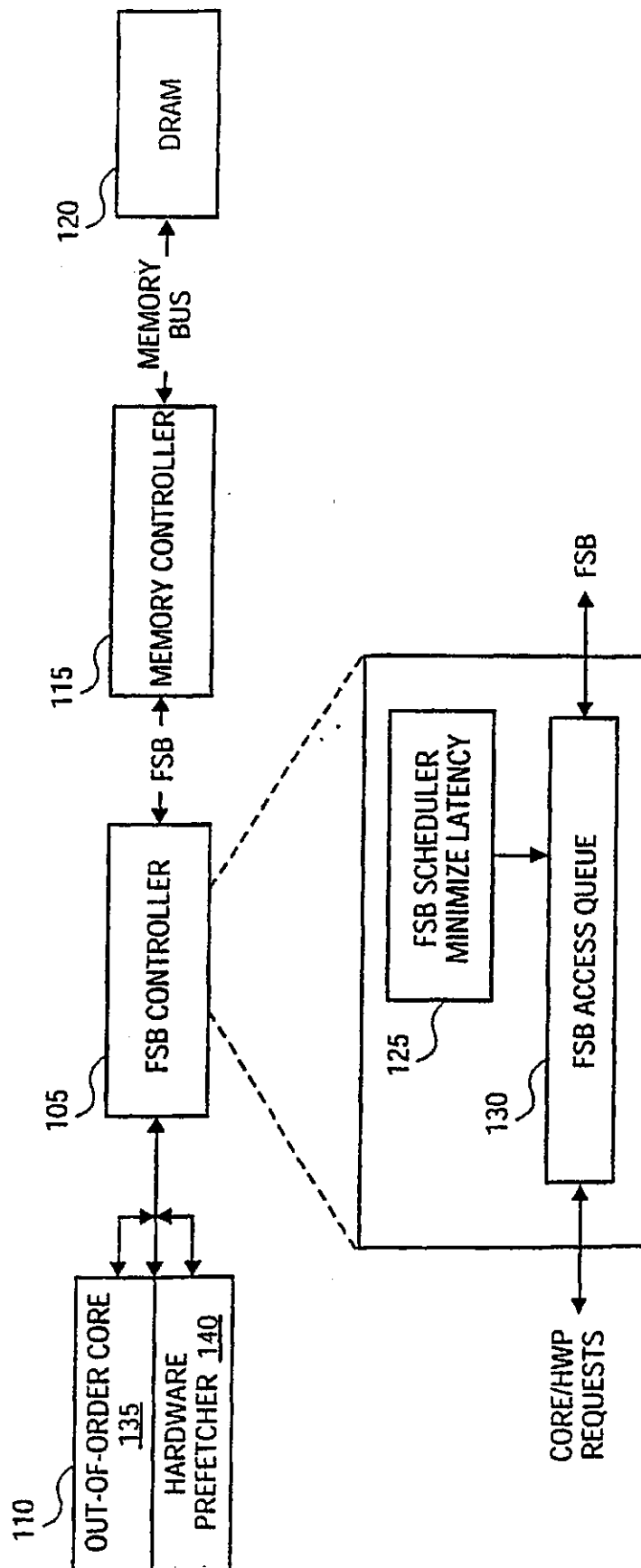


FIG. 1
(PRIOR ART)

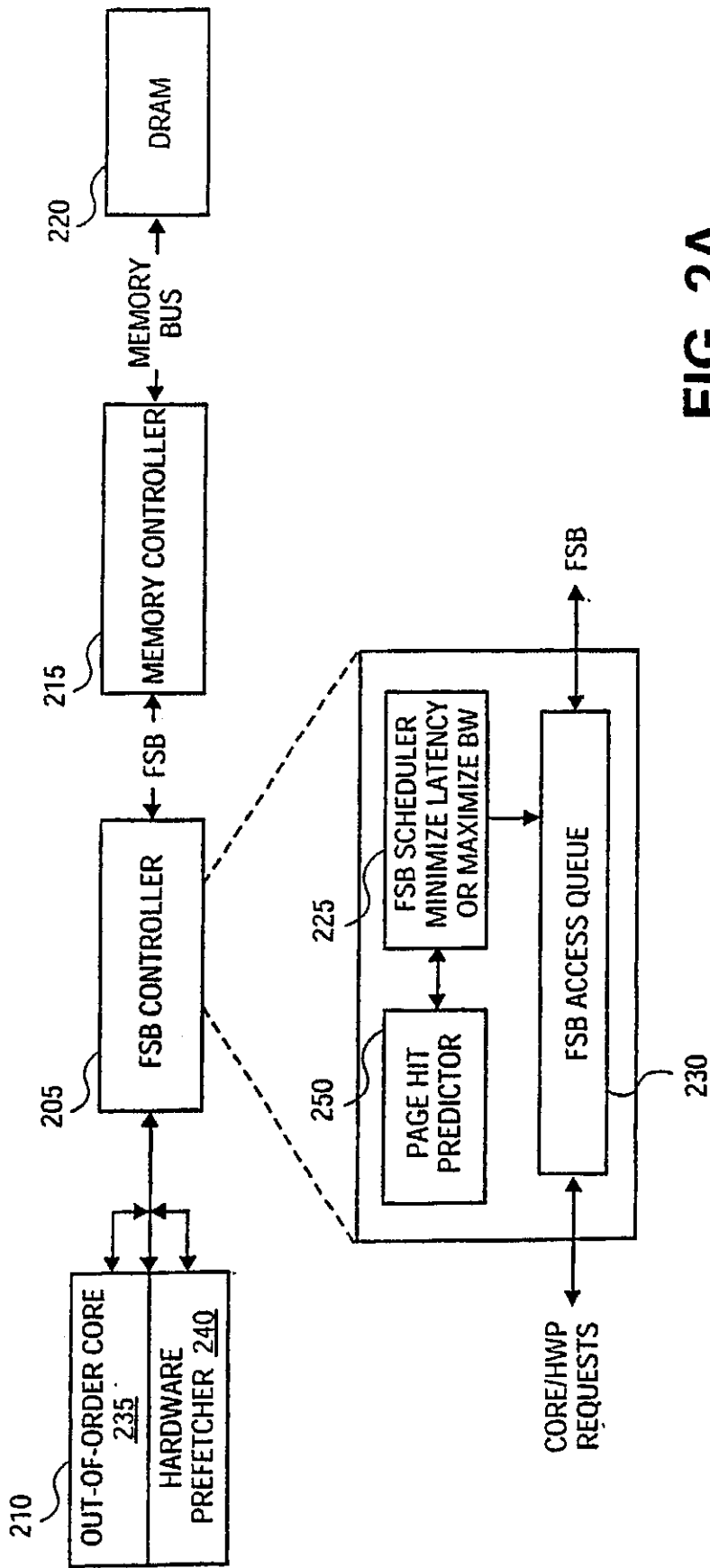
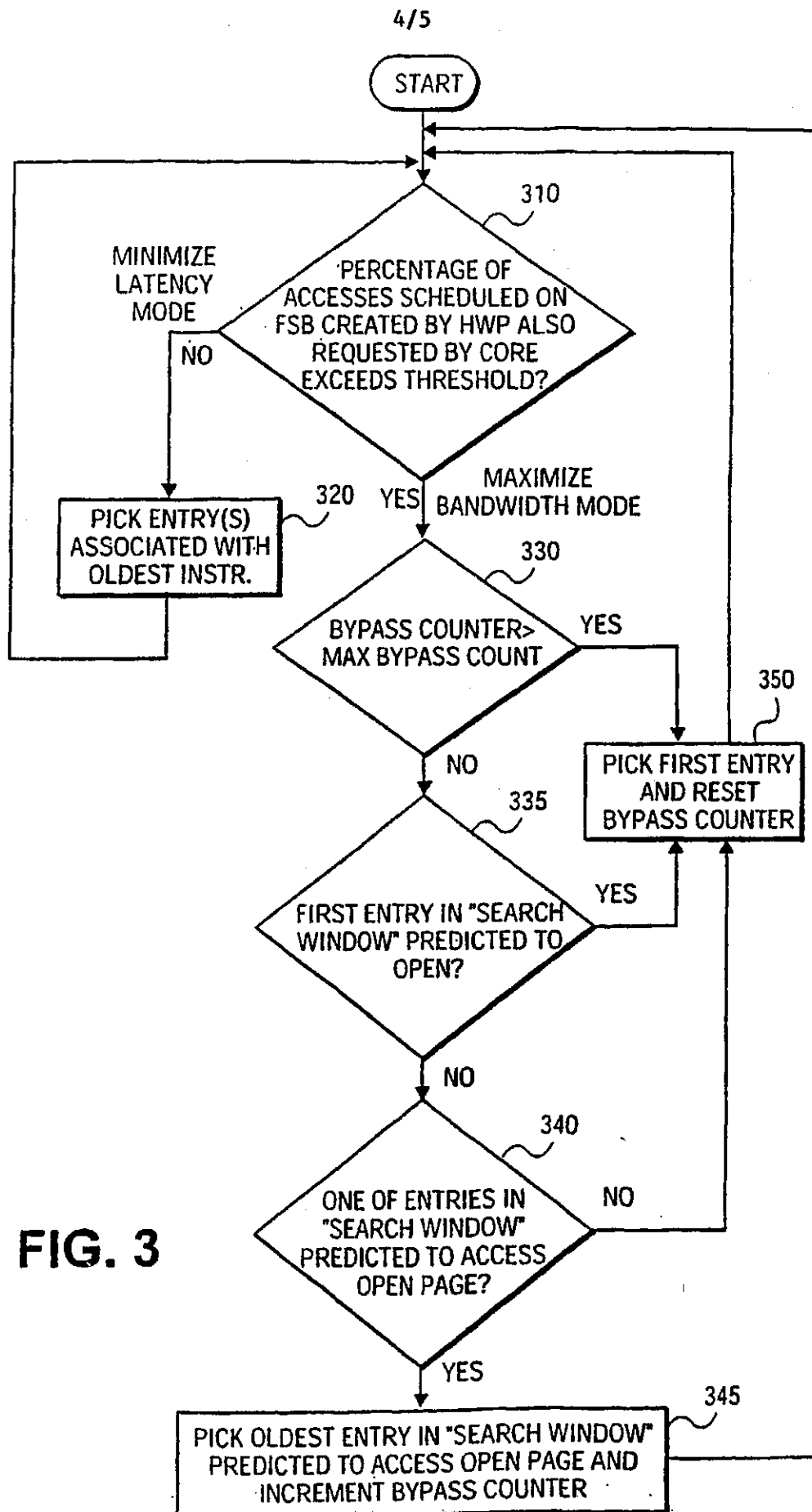
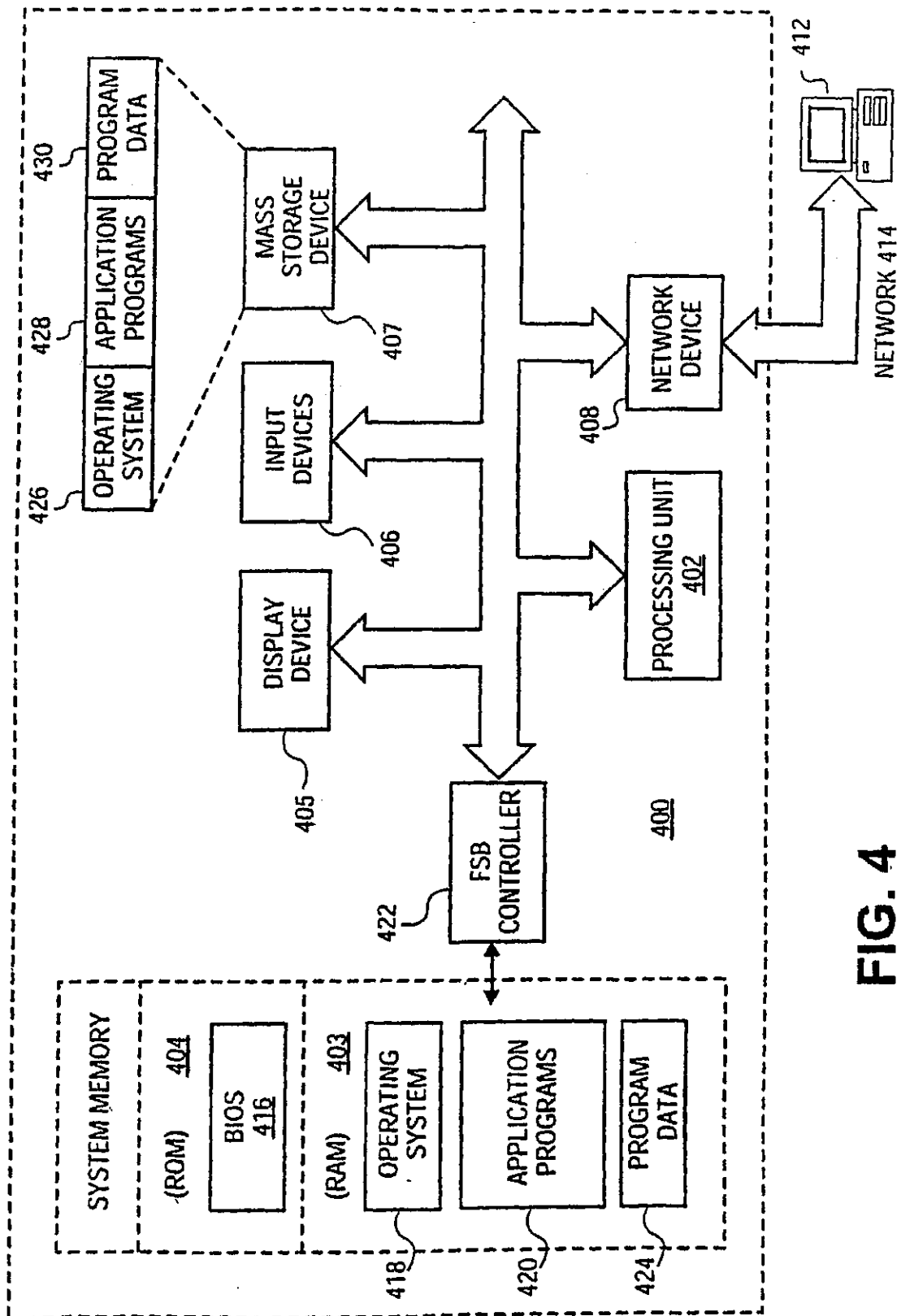


FIG. 2A

260	Inst. Num	262	Address	264	Queue Entry	266	Requested by Core?	268	Created by HWP?	270	Predicted DRAM Page Open?	272	Read from memory?
	10		110		5		Y		Y		N		Y
	11		4		3		Y		Y		N		Y
	14		116		1		Y		Y		Y		N
	15		108		6		Y		Y		Y		N
	16		116		7		Y		Y		Y		Y
	20		165		4		Y		N		Y		N
	22		216		0		Y		Y		Y		Y
	--		516		2		N		Y		Y		N
	30		716		8		Y		N		Y		Y
	40		316		9		Y		Y		Y		Y
	41		916		11		Y		Y		Y		Y
	--		416		12		N		Y		Y		Y

FIG. 2B



**FIG. 4**

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 03/02169

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F13/16 G11C11/413

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)
IPC 7 G06F G11C

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 practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 088 772 A (HARRIMAN ET AL) 11 July 2000 (2000-07-11) column 3, line 21 -column 4, line 21 column 6, line 13 -column 8, line 8 figures 2-4	1-10, 20-27,29
Y	US 5 860 106 A (DOMEN ET AL) 12 January 1999 (1999-01-12) abstract column 4, line 37 - line 55 column 5, line 9 -column 6, line 42 column 8, line 53 -column 9, line 24 figures 3,4,8	1-10, 20-27,29
A	US 6 212 598 B1 (JEDDELOH) 3 April 2001 (2001-04-03) column 3, line 40 -column 5, line 30 figures 2-4	1-30

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

20 June 2003

Date of mailing of the international search report

27/06/2003

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McDonagh, F

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 03/02169

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6088772	A	11-07-2000	NONE
US 5860106	A	12-01-1999	NONE
US 6212598	B1	03-04-2001	NONE