# 05-07-2003

Substitute Form PTO -1595 Patent Docket No. AUS920030149US1 102441542 To The Honorable Commissioner of Patents and trademarks: Please record the attached original documents or copy thereof. Execution date: 1. Name of conveying party(ies): 4-28-03 John Steven Dodson James Stephen Fields, Jr. , 2003 Sanjeev Ghai Jeffrey Adam Stuecheli 3. Nature of conveyance: 2. Name and address of receiving party(ies): International Business Machines Corporation Assignment Merger New Orchard Road Security Agreement Change of Name Armonk, New York 10504 □ Other Execution/Filing/Issue Date 4. Application number(s) or patent number(s): New Patent Application, execution date of application Patent Application Number: Filing Date Patent Number: Issue Date 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should 7. Total fee (37 CFR 3.41)....\$40.00 be mailed: □ Enclosed Check Casimer K. Salys, Esq. X Authorized to be charged to deposit account X Authorized to charge any deficiency to deposit account **IBM** Corporation Intellectual Property Law 8. Deposit account number: Zip 4054 11400 Burnet Road 09-0447 Austin. Texas 78758 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Name of Person Signing Total number of pages including cover sheet, attachments, and documents:

05/06/2003 TBIRZ1 00000100 090447 10425400 01 FC:8021 40.00 CH

#### ASSIGNMENT

Whereas, we,

- (1) John Steven Dodson of Pflugerville, Travis County, Texas;
- (2) James Stephen Fields, Jr. of Williamson, Travis County, Texas;
- (3) Sanjeev Ghai of Round Rock, Williamson County, Texas;
- (4) Jeffrey Adam Stuecheli of Austin, Travis County, Texas

have invented certain improvements in

#### ADAPTIVE MEMORY ACCESS SPECULATION

and executed, re	espectively, a	United State	es patent application	therefor on (Date	Inventor Signed
Declaration) (1)	APRIL	z8	, 2003; (2	) April 25	, 2003;
(3)		, 20	03; and (4) $A \rho_r \sqrt{}$	25"	, 2003.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

PATENT REEL: 014026 FRAME: 0970

(1) Signed at	AUSTIN, TX	on _	AP	e1L 2	28	, 2002.
			Onl	A A	1	
		-C	Jun	JOHN	STEVEN	DODSON
(2) Signed at	Austin	on _	April	25		, 2003.
		Jam	es Ste	the C	huld,	2
		/	JAM	ES STE	PHEN FIE	ŽDS, JR.
(3) Signed at		on _				, 2003.
					SANJE	EV GHAI
(4) Signed at _	Austin	on _	April	25		, 2003.
		M	M			
			JEF.	FREY A	DAM STU	ECHELI

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IBM DOCKET NO.: AUS920030149US1

### ASSIGNMENT

Whereas, we,

(1) John Steven Dodson of Pflugerville, Travis County, Texas;

- (2) James Stephen Fields, Jr. of Williamson, Travis County, Texas;
- (3) Sanjeev Ghai of Round Rock, Williamson County, Texas;
- (4) Jeffrey Adam Stuecheli of Austin, Travis County, Texas

have invented certain improvements in

## ADAPTIVE MEMORY ACCESS SPECULATION

and executed, respectively, a	. United States patent application therefor on (I	Date Inventor Signed
Declaration) (1)	, 2003; (2)	, 2003,
(3) APRIL 28	, 2003; and (4)	, 2003.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

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(1) Signed at	on		, 2002.
		JOHN STEVEN	DODSON
(2) Signed at	on		, 2003.
	JA	MES STEPHEN FU	ELDS, JR.
(3) Signed at Flagglaff, AZ	on	4/28	, 2003.
	Jan	SANJE	EV GHAI
(4) Signed at	on		, 2003.
	JE	FFREY ADAM STU	JECHELI