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To the Assistant Commissioner dccuments or copy thereof.

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ord the attached original

1. Name of conveying party(ies):

Ravi K. Arimilli Lakshminarayana B. Arimilli John S. Dodson Guy L. Guthrie William J. Starke 19/437/87 2. Name and address of receiving party(ies):

International Business Machines Corporation New Orchard Road Armonk, New York 10504



3. Nature of conveyance:

X Assignment

Execution Date: November 8, 1999; November 8, 1999; November 8, 1999; November 8, 1999; November 8, 1999;

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is November 8, 1999; November 8, 1999; November 8, 1999; November 8, 1999; November 8, 1999

A. Patent Application Nc.(s)

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:

> Casimer K. Salys, Esq. IBM Corporation Intellectual Property Law Internal Zip 4054 11400 Burnet Road Austin, TX 78758 (512) 823-0092

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41)

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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.

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PATENT REEL: 010387 FRAME: 0979

ASSIGNMENT

Whereas, we,

(1) <u>Ravi K. Arimilli</u> of Austin,

County of Travis and State of Texas,

(2) <u>Lakshminarayana B. Arimilli</u> of <u>Austin</u>,

County of <u>Travis</u> and State of Texas,

of <u>Pflugerville</u>, (3) John S. Dodson County of Travis and State of Texas,

of <u>Austin</u>, (4) Guy L. Guthrie

County of Travis and State of Texas,

and

(5) <u>William J. Starke</u> of <u>Austin</u>,

County of Williamson and State of Texas,

have invented certain improvements in

HIGH SPEED LOCK ACQUISITION MECHANISM WITH TIME PARAMETERIZED CACHE COHERENCY STATES

and	executed, respective	y, a United	l States	patent	application	therefor	on (1)
	executed, respective	19 <u>99</u> , and	(2)	15.00	(1/8	, 19 <u>9</u>	9, and
(3)	, JSD 11/8	, 19 <u>99</u> , and	l (4)	elle 1	114	, 1999,	
(5)	11/8	_, 19 <u>99</u> .			, -		

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

rea (ipon to	ao	so by IBM.				
(1)	Signed	at	Austin, TA	t on	11/8		19 <u>99</u> .
			· _	lean	1K.	De.	
				R/	AVI K. ARI	MILLI	
(2)	Signed	at	Austin, Tx	on	Nov	8	. 19 <u>99</u> .
			_	X	Bula	Acimi	<u> L.</u>
				L.I	AKSHMINARA	YANA B. ARIN	MILLI

Page 1 of 2

PATENT REEL: 010387 FRAME: 0980

				, IBM D	OCKET NO. <u>AT9-99-689</u>
(3)	Signed	at	AUSTIN TX	on	, 19 <u>99</u> .
				lah Babb	
				JOHN S. DODSON	
(4)	Signed	at .	Austra, TX	on <u>4/8</u>	, 19 <u>99</u> .
			_	Many Litta	the
				GOY I, GUTHRIE	
(5)	Signed	at	XT NITZUA	on	, 19 <u>99</u> .
				Waln of State	
				WILLIAM J. STARK	E

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