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To the Assistant Commissioner of Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies)

Tushar Chandra Ching-Yun Chao Roger E. Hough Daniel M. Hsieh Rodolfo A. Mancisidor-La Javashree Ramanathan

2. Name and address of receiving party(ies): International Business Machines Corporation New Orchard Road Armonk, New York 10504

Amal A. Shaheen

X Assignment

Execution Date: June 1, 1999; May 24, 1999; May 21, 1999; May 24, 1999; June 1, 1999; May 28, 1999; and May 26, 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

A. Patent Application No. (s) 09/282,225

B. Patent No.(s)

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

Kelly K. Kordzik Winstead Sechrest & Minick 5400 Renaissance Tower 1201 Elm Street

Dallas, TX 75270 (512) 370-2851

7. Total fee (37 CFR 3.41) \$ 40.00

6. Total number of applications

and patents involved: __1_

Authorized to be charged to deposit account

X Enclosed is a check.

06/23/1999 SSALEEKU 00000035 09282225

02 FC:581

8. Deposit account number:

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9. Statement	and s	ignature.
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To the best of my knowledge and belief, the foregoing information is true and friginal document. correct and any attached copy is a true copy of

Kelly K. Kordzik

Name of Person Signing

Signatur

Date

including cover sheet: _7_ Total number of pages

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PATENT REEL: 010045 FRAME: 0563

ASSIGNMENT

Whe	reas, we,	
(1)	Tushar Chandra, County of New York	of New York City, and state of New York,
(2)	Ching-Yun Chao, County of Travis	of Austin, and state of Texas,
(3)	Roger E. Hough, County of Travis	of Austin, and state of Texas,
(4)	Daniel M. Hsieh, County of Travis	of Austin, and state of Texas,
(5)	Rodolfo A. Mancisidor-Landa, County of Travis	of Austin, and state of Texas,
(6)	Jayashree Ramanathan, County of Williamson	of Round Rock, and state of Texas,
(7)	Amal A. Shaheen, County of Travis	of Austin, and state of Texas,
have	invented certain improvements	in
		METHOD FOR TRACKING ACCESS TO ACES IN A CLUSTER ENVIRONMENT
and (1) _ (3) _ (5) _ (7) _	May 21, 1999	application therefor on (date Inventor signed Declaration) _, (2) \(\mathrm{May 24, 1999} \) _, (4) \(\summa \mathrm{May 28, 1999} \) _, (6) \(\mathrm{May 28, 1999} \) _, and

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;

Page 1 of 3

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.

(1)	Signed at	, 1999.
. ,	(City & State)	(Date)
		Tushar Chandra
(2)	Signed at <u>Austin</u>	V
		Ching-Yun Chao
(3)	Signed at <u>Austin</u>	on May 21, 1999. Roger E Hough
(4)	Signed at Austin	on May 34, 1999. Daniel M. Hsieh

(5)	Signed at Austin	on Juke 1, 1999.
		Rodolfo A. Mancisidor-Landa
(6)	Signed at <u>Austin</u>	on 28th May, 1999. Dayasha Ramanetten
(7)	s: 1. A. t	Jayashree Ramanathan
(7)	Signed at Austin	on May 26 , 1999. Amal A Strategy
		Amal A. Shaheen

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P.02

AT9-98-440

ASSIGNMENT

Whereas, we,

- (1) Tushar Chandra, of New York City, County of New York and state of New York.
- (2) Ching-Yun Chao, of Austin. County of Travis and state of Texas.
- (3) Roger E. Hough, of Austin. County of Travis and state of Texas.
- (4) Daniel M. Hsieh, of Austin, County of Travis and state of Texas,
- Rodolfo A. Mancisidor-Landa, of Austin, (5) County of Travis and state of Texas,
- (6) Jayashree Ramanathan, of Round Rock. County of Williamson and state of Texas,
- (7) Amal A. Shaheen, of Austin, County of Travis and state of Texas,

have invented certain improvements in

APPARATUS AND METHOD FOR TRACKING ACCESS TO DATA RESOURCES IN A CLUSTER ENVIRONMENT

and	executed a United States p	atent application the	erefor on (date Inventor si	gned Declaration)
(1)_	June 1 99	(2)		,
(3)		(4)		,
(5)		, (6)		, and
(7)		·		

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;

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PATENT REEL: 010045 FRAME: 0567

P.03

AT9-98-440

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.

(1)	Signed at Hawthouse, NY (City & State)	on	June 1 1999.
	(City & State)	(r	Tushan Depak Clandra Tushar Chandra
(2)	Signed at	on	, 1999.
			Ching-Yun Chao
(3)	Signed at	on	, 1999.
			Roger E. Hough
(4)	Signed at	on	, 1999.
			Daniel M. Hsieh

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(5)	Signed at	on	, 1999.
		Rodolfo A	A. Mancisidor-Landa
(6)	Signed at	on	, 1999.
		Jayashree	Ramanathan
(7)	Signed at	on	, 1999.
		Amal A. S	Shaheen

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PATENT REEL: 010045 FRAME: 0569