

Form PTO-1595
0057.0034

01-12-2006

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To the Honorable Commissioner

103156698

hed original documents or copy thereof.

1. Name of conveying party(ies): Execution Date

1) You-Chin Fuh, 1) December 6, 2005,
2) Fen-Ling Lin, 2) December 6, 2005,
3) Andrei Fedorovich Lurie, 3) December 6, 2005,
4) Terence Patrick Purcell, 4) December 5, 2005,
5) Yoichi Tsuji, 5) December 6, 2005,
6) Li Xia 6) December 6, 2005

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

International Business Machines Corporation
Armonk, New York 10504

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

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): 11/222,886, filed September 9, 2005

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

Janaki K. Davda
KONRAD RAYNES & VICTOR, LLP
315 S. Beverly Drive, Suite 210
Beverly Hills, CA 90212

Return facsimile number: 310-556-7984

Telephone number: 310-556-7983

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41).....\$ 40

- ☐ Enclosed; Credit Card Authorization Form
☒ Authorized to be charged to deposit account

8. Deposit account number: 09-0460

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Janaki K. Davda

Name of Person Signing

Signature

January 4, 2006

Date

Total number of pages including cover sheet (+ copy) and executed assignment: [6]

OMB No. 0651-0011 (exp. 4/94)

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being transmitted by facsimile to Assignment Recordation Services of the U.S. Patent and Trademark Office at 571-273-3250, or being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450 on January 4, 2006.

Gifford Bell

1/4/06
Date

Docket No. **SVL920050071US1**
Firm No. **0057.0054**

ASSIGNMENT

Whereas, we

INVENTOR
AND CITY

(1) You-Chin Fuh

of San Jose,
State of California, and
County of Santa Clara

(2) Fen-Ling Lin

of San Jose,
State of California, and
County of Santa Clara

(3) Andrei Fedorovich Lurie

of San Jose,
State of California, and
County of Santa Clara

(4) Terence Patrick Purcell

of New Berlin,
State of Illinois, and
County of Sangamon

(5) Yoichi Tsuji

of San Jose,
State of California, and
County of Santa Clara

(6) Li Xia

of San Jose,
State of California, and
County of Santa Clara

have invented certain improvement in

TITLE DYNAMIC SEMI-JOIN PROCESSING WITH RUNTIME OPTIMIZATION

SERIAL NO. 11/222,886

FILING DATE September 9, 2005

Docket No. SVL920050071US1
 Firms No. 0057.0054

DATES THAT
 INVENTORS
 SIGNED THE
 DECLARATION

and executed, respectively, a United States patent application therefore on

(1) 12/16/05, 2005, (2) 12/16/05, 2005, (3) 12/16/05, 2005, (4) _____, 2005,
 (5) 12/16/05, 2005, and (6) 12/16/05, 2005

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM CORPORATION), 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, I, the above named, hereby sell, assign, and transfer to IBM CORPORATION, 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 I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM CORPORATION, its successors and assigns; and I hereby agree that IBM CORPORATION may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM CORPORATION.

Signed and sealed

CITY
 DATE

(1) at San Jose
 on 12/16, 2005,

You-Chin Fu

SIGNATURE
 INVENTOR

CITY
 DATE

(2) at San Jose
 on 12/16, 2005,

Fen-Ling Lin

SIGNATURE
 INVENTOR

CITY
 DATE

(3) at San Jose
 on 12/16, 2005,

Andrei Fodorovich Lurie

SIGNATURE
 INVENTOR

CITY
 DATE

(4) at _____
 on _____, 2005,

Terence Patrick Purcell

SIGNATURE
 INVENTOR

CITY
 DATE

(5) at San Jose
 on 12/16, 2005,

Yoichi Tsuji

SIGNATURE
 INVENTOR

CITY
 DATE

(6) at San Jose
 on 12/16, 2005,

Li Xia

SIGNATURE
 INVENTOR

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Dec 05 05 06:22p Terry

12177269650

P. 5

Docket No. SVL92005007IUS1
Firm No. 0057.0854ASSIGNMENT

	Whereas, we	
INVENTOR	(1) You-Chin Fuh	of San Jose,
AND CITY		State of California, and
	(2) Fen-Ling Lin	County of Santa Clara
		of San Jose,
	(3) Andrei Fedorovich Lurie	State of California, and
		County of Santa Clara
	(4) Terence Patrick Purcell	of San Jose,
		State of California, and
	(5) Yoichi Tsuji	County of Santa Clara
		of New Berlin,
	(6) Li Xia	State of Illinois, and
		County of Sangamon
		of San Jose,
		State of California, and
		County of Santa Clara

have invented certain improvement in

TITLE DYNAMIC SEMI-JOIN PROCESSING WITH RUNTIME OPTIMIZATION

SERIAL NO. 11/222,886

FILING DATE September 9, 2005

Page 1 of 2

Dec 05 05 06:23p Terry

12177269650

p. 6

Docket No. SVL928050071US1
Firm No. 0057.0054DATES THAT
INVENTORS
SIGNED THE
DECLARATION

and executed, respectively, a United States patent application therefore on
(1) _____, 2005, (2) _____, 2005, (3) _____, 2005, (4) 5th Dec, 2005,
(5) _____, 2005, and (6) _____, 2005

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM CORPORATION), 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 therefore;

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

Signed and sealed

CITY DATE	(1) at _____ on _____, 2005,	_____ You-Chin Fah	SIGNATURE INVENTOR
CITY DATE	(2) at _____ on _____, 2005,	_____ Fen-Ling Lin	SIGNATURE INVENTOR
CITY DATE	(3) at _____ on _____, 2005,	_____ Andrei Fedorovich Lurie	SIGNATURE INVENTOR
CITY DATE	(4) at <u>New Berlin</u> on <u>Dec 5th</u> , 2005,	<u>Terence Patrick Purcell</u> Terence Patrick Purcell	SIGNATURE INVENTOR
CITY DATE	(5) at _____ on _____, 2005,	_____ Yoichi Tsuji	SIGNATURE INVENTOR
CITY DATE	(6) at _____ on _____, 2005,	_____ Li Xia	SIGNATURE INVENTOR

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