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Docket SVL920020090US1

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

1. Name of conveying party(ies):

- (1) BRIAN T. TRAN
- (2) HSIUYING Y. CHENG
- (3) SHUANGLIN GUO
- (4) PATRICK M. MALONE
- (5) THOMAS A. BEAVIN
- (6) XIAZHEN WANG
- (7) XUN LI

Additional name(s) of conveying party(ies) attached? ☒ Yes

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

International Business Machines Corporation
Armonk, New York 10504

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

3. Nature of conveyance:

☒ Assignment

Execution Date: (1) February 4, 2003, (2) February 4, 2003, (3) February 4, 2003, (4) February 5, 2003, (5) February 4, 2003, February 4, 2003, February 4, 2003

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)

10/304,220 filed November 26, 2002

B. Patent No.(s)

Additional numbers attached? ☒ No

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

Name: George H. Gates
Address: GATES & COOPER LLP
6701 Center Drive West, Suite 1050
Los Angeles, California 90045

6. Total number of applications and patents involved: One

7. Total fee (37 CFR 3.41): \$40
☒ Authorized to be charged to Deposit Account No. 09-0460 of the I.B.M. Corporation, assignee of the present application.

8. Please charge any additional fees or credit any overpayments to Deposit Account No. 09-0460.

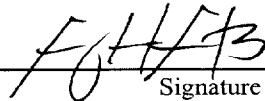
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9. Statement and signature:

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.

George H. Gates

Name of Person Signing


Signature

February 12, 2003

Date

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02/24/2003 6TOM11 00000070 090460 10304220
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ASSIGNMENT

Whereas, we,

- (1) Brian T. Tran
City of San Jose
County of Santa Clara
State of California
- (2) Hsiuying Y. Cheng
City of Fremont
County of Alameda
State of California
- (3) Shuanglin Guo
City of San Jose
County of Santa Clara
State of California
- (4) Patrick M. Malone
City of Campbell
County of Santa Clara
State of California
- (5) Thomas A. Beavin
City of Milpitas
County of Santa Clara
- (6) Xiaozhen Wang
City of San Jose
County of Santa Clara
State of California
- (7) Xun Li
City of San Jose
County of Santa Clara
State of California

have invented certain improvements in:

HIGH PERFORMANCE PREDICATE PUSH-DOWN FOR NON-MATCHING PREDICATE OPERANDS

filed on November 26, 2002, as Application Serial No. 10/304,220

and executed a Declaration and Power of Attorney for a United States patent application therefor on

- (1) Feb 04, 2003
- (2) Feb 04, 2003
- (3) Feb 04, 2003
- (4) 2/4/2003
- (5) 2/4/2003
- (6) 2/4/2003
- (7) 2/4/2003

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 for Patents to issue any Letters Patent

granted upon the inventions 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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Execution by Inventors

- | | | |
|-----|-----------------------------------|--------------------------------|
| (1) | Inventor <u>Brian T. Tran</u> | City/State <u>San Jose, CA</u> |
| | Signature <u>Brian T. Tran</u> | Date <u>Feb. 4, 2003</u> |
| (2) | Inventor <u>Hsiuying Y. Cheng</u> | City/State <u>San Jose, CA</u> |
| | Signature <u>Hsiuying Cheng</u> | Date <u>Feb 4, 2003</u> |
| (3) | Inventor <u>Shuanglin Guo</u> | City/State <u>San Jose, CA</u> |
| | Signature <u>Shuanglin Guo</u> | Date <u>Feb. 04, 2003</u> |
| (4) | Inventor <u>Patrick M. Malone</u> | City/State <u>San Jose, CA</u> |
| | Signature <u>Patrick Malone</u> | Date <u>2/5/2003</u> |
| (5) | Inventor <u>Thomas A. Beavin</u> | City/State <u>San Jose, CA</u> |
| | Signature <u>Thomas A Beavin</u> | Date <u>2/4/2003</u> |
| (6) | Inventor <u>Xiaozhen Wang</u> | City/State <u>San Jose</u> |
| | Signature <u>Xiaozhen Wang</u> | Date <u>02/04/2003</u> |
| (7) | Inventor <u>Xun Li</u> | City/State <u>San Jose</u> |
| | Signature <u>Xun Li</u> | Date <u>02/04/2003</u> |