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Docket-ST9-99-57

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3. Nature of conveyance:
 Assignment

Execution Date: (1) September 2, 1999, (2) September 1, 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)

B. Patent No.(s)

Additional numbers attached?

5. Name and address of party to whom correspondence concerning document should be mailed: Name: George H. Gates Address: GATES & COOPER 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 <input checked="" type="checkbox"/> 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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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

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Signature

September 22, 1999

Date

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10/01/1999 DNGUYEN 00000529 090460 09373924

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PATENT
REEL: 010275 FRAME: 0951

Whereas, we

INVENTOR
AND CITY

(1) **Ting Yu Leung**
County of **Santa Clara**

and (2) **Mir Hamid Pirahesh**
County of **Santa Clara**

of **San Jose,**
and State of **California,**

of **San Jose,**
and State of **California,**

have invented certain improvements in

TITLE

QUERY SIMPLIFICATION AND OPTIMIZATION INVOLVING GROUP BY OPERATIONS, filed on August 12, 1999, now U.S. Serial No. 09/373,924.

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

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

(1) Sept 2, 1999, (2) sept 1, 1999.

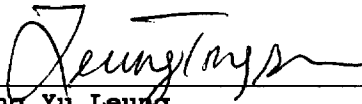
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents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

Signed

CITY
DATE

(1) at San Jose
on Sept 2, 1999,


Ting Yu Leung

SIGNATURE
INVENTOR

CITY
DATE

and (2) at San Jose
on Sept 1, 1999,


Mir Hamid Pirahesh

SIGNATURE
INVENTOR