

06-19-2001

Attorney Docket: 2033P/CA920000033US1

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101753109

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



1. Name of conveying party(ies):

Iqbal A. Goralwalla
Michael J. Winer
David C. Sharpe
Matthew A. Huras

MIRD
5-31-01

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

Name: **IBM Corporation**

Street Address: **New Orchard Road**
City: **Armonk** State: **NY** ZIP: **10504**

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

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

3. Nature of conveyance:

Assignment

Execution Dates: May 22, 2001

May 22, 2001

May 22, 2001 and May 22, 2001

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

If this document is being filed together with a new patent application, the execution date of the patent application is: May 22, 2001; May 22, 2001; May 22, 2001; and May 22, 2001.

A. Patent Application No.(s)

09872827

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: **Joseph A. Sawyer, Jr.**
Internal
Address: **Sawyer Law Group LLP**
Street
Address: **P.O. Box 51418**
Palo Alto, California 94303

6. Total Number of applications and patents involved: **One**

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

Enclosed

Authorized to be charged to deposit account

8. Deposit Account Number: 02-2120 (Sawyer Law Group)
(Attach copy of this page)

06/18/2001 DBYRNE 00000119 022120 09872827

01 FC:581 40.00 CH

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.

Date

5/31/01

Joseph A. Sawyer, Jr., Reg. No. 30,801

Total number of pages including cover sheet, attachments, and documents: **2**

PATENT
REEL: 011892 FRAME: 0785

ASSIGNMENT

Whereas, I,

- | | | |
|-----|--|--|
| (1) | Iqbal A. Goralwalla
Province of Ontario | City of Pickering ,
Country of Canada , |
| (2) | Michael J. Winer
Province of Ontario | City of Markham ,
Country of Canada , |
| (3) | David C. Sharpe
Province of Ontario | City of Toronto ,
Country of Canada , |
| (4) | Matthew A. Huras
Province of Ontario | City of Ajax ,
Country of Canada |

have invented certain improvements in

TITLE **OPTIMIZING UPDATABLE SCROLLABLE CURSORS IN DATABASE SYSTEMS**

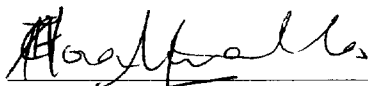
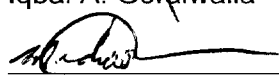
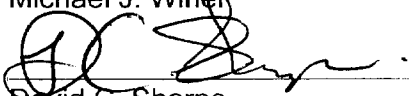
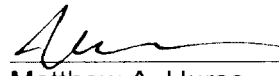
and executed a United States Patent Application therefor on the following date(s):

- | | |
|--------------------------|--------------------------|
| (1) <u>May 22</u> , 2001 | (3) <u>May 22</u> , 2001 |
| (2) <u>May 22</u> , 2001 | (4) <u>May 22</u> , 2001 |

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 and sealed:

	<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	<u>Toronto</u>	<u>May 22 / 01</u>	 Iqbal A. Goralwalla
(2)	<u>TORONTO</u>	<u>May 22 / 01</u>	 Michael J. Winer
(3)	<u>TORONTO</u>	<u>May 22 / 2001</u>	 David C. Sharpe
(4)	<u>TORONTO</u>	<u>May 22 / 2001</u>	 Matthew A. Huras