

01-13-2000

U.S. Department of Commerce

RECORD



ITS ONLY

To the Honorable Commissioner
original documents or copy thereof.

101243497

Please record the attached

1. Name of conveying party(ies):

a) Hamid Bacha g) _____
b) Robert S. Carroll h) _____
c) Lev Mirlas i) _____
d) Sung W. Tchao j) _____
e) _____ k) _____
f) _____ l) _____

More names attached? Y X N

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

Name: INTERNATIONAL BUSINESS
MACHINES CORPORATION
Address: Old Orchard Road
Armonk, NY 10504

More names attached? Y X N

3. Nature of Conveyance: X Assignment

4. Application number: Filed:
Filed with new application: XX yes no

Execution date(s):

a) 12/30/98 g) _____
b) 2/15/99 h) _____
c) 12/17/98 i) _____
d) 12/17/98 j) _____
e) _____ k) _____
f) _____ l) _____

Additional numbers attached? Y X N

09/459240
12/10/99

09/459240

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

James E. Murray
69 South Gate Drive
Poughkeepsie, NY 12601

6. Total # of applications and patents involved: 01

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

8. Charge to Deposit Account
50-0510. A duplicate copy
is enclosed.

DO NOT USE THIS SPACE

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.

James E. Murray

Signature

09/459240
12/10/99

Total number of pages including cover sheet, attachments, and document: 40

Express Mail Label No. (if applicable): EK133693302US

Docket No 010-98-040


PATENT

REEL: 010479 FRAME: 0148

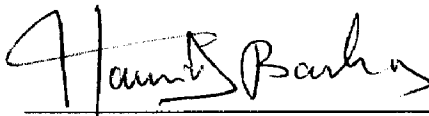
ASSIGNMENT OF ALL INTEREST

We, (1) **HAMID BACHA**; (2) **ROBERT BRUCE CARROLL**; (3) **LEV MIRLAS**; (4) **SUNG WEI TCHAO**, whose full post office addresses are (1) 9510 Locust Hill Dr., Great Falls, VA, U.S.A., 22066; (2) 246 Byram Lake Road, Mount Kisco, NY, U.S.A., 10549; (3) 98 Millcroft Way, Thornhill, Ontario, Canada, L4J 6P4; (4) 168 Hollywood Ave., Toronto, Ontario, Canada, M2N 3K5, for which good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, do hereby sell and assign to **INTERNATIONAL BUSINESS MACHINES CORPORATION**, whose full post office address is New Orchard Road, Armonk, New York, United States of America, all our interest in all countries excluding Canada, including all rights under the International Convention, in and to our invention relating to **SYSTEM FOR ELECTRONIC REPOSITORY OF DATA ENFORCING ACCESS CONTROL ON DATA SEARCH AND RETRIEVAL**, as fully described and claimed in our application for a patent for such invention and to all our corresponding right, title and interest in and to any patent which may issue therefor.

Signed at Garthursburg, USA, this 30th day of December, 1998.

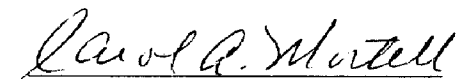


Witness



HAMID BACHA

Signed at HAWTHORNE NY, USA, this 15th day of February, 1998. 9



Witness

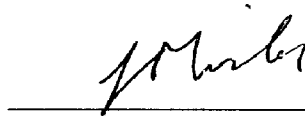


ROBERT BRUCE CARROLL

Signed at North York, Ontario, Canada, this 17th day of December, 1998.

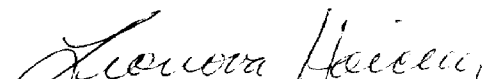


Witness



LEV MIRLAS

Signed at North York, Ontario, Canada, this 17th day of December, 1998.



Witness

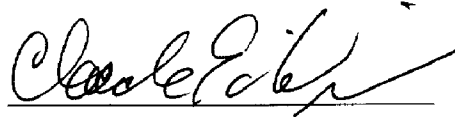


SUNG WEI TCHAO

CA9-98-040

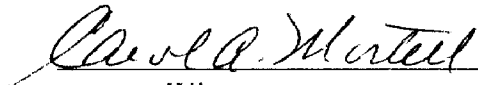
VERIFICATION

I, Claude Wilson, whose full post office address is 43263 Tisbury Ct, S. Riding, VA 20152, make oath and say that I was personally present and did see **HAMID BACHA**, who is personally known to me to be the person named in the above assignment, duly sign and execute the same.



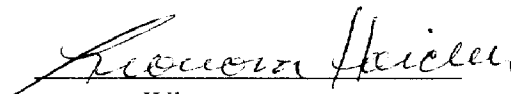
Witness

I, Carol A. Mortell, whose full post office address is 67 Millertown Road Bedford NY 10506 USA, make oath and say that I was personally present and did see **ROBERT BRUCE CARROLL**, who is personally known to me to be the person named in the above assignment, duly sign and execute the same.



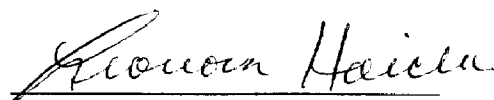
Witness

I, Leonora Hoicka, whose full post office address is 85 Yonge Blvd., North York, Ont., Canada, make oath and say that I was personally present and did see **LEV MIRLAS**, who is personally known to me to be the person named in the above assignment, duly sign and execute the same.



Witness

I, Leonora Hoicka, whose full post office address is 85 Yonge Blvd., North York, Ont., Canada, make oath and say that I was personally present and did see **SUNG WEI TCHAO**, who is personally known to me to be the person named in the above assignment, duly sign and execute the same.



Witness

CA9-98-040