

05-12-2003



Attorney Docket: CA920010088US1/2716P

RECORDATION FORM COVER SHEET  
PATENTS ONLY

102444805

US Department of Commerce  
Patent & Trademark Office

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

1. Name of conveying party(ies):

(1) Walid RJAIBI  
(2) Peter Jay HAAS

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

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

Name: International Business Machines Corporation

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

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

3. Nature of conveyance:

☒ Assignment

Execution Date(s): (1) August 7, 2002, and  
(2) August 19, 2002.

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

10/428191

If this document is being filed together with a new application, the execution date of the application is:  
(1) April 17, 2003, and (2) April 15, 2003.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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: 09-0460 (IBM Corporation)  
(Attach copy of this page)

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.

April 30, 2003  
Date

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

Total number of pages including cover sheet, attachments, and documents: 3

05/12/2003 TBIAZ1 00000012 090460 10428191

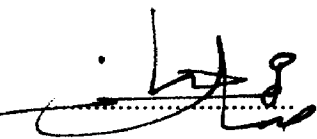
01 FC:0021 40.00 CH

PATENT  
REEL: 014041 FRAME: 0919

## ASSIGNMENT OF ALL INTEREST

We, (1) **Walid RJAIBI**; (2) **Peter Jay HAAS**, whose full post office addresses are: (1) Bachlerstrasse 44 CH-8802 Kilchberg ZH, Switzerland; (2) 7139 Wooded Lake Drive, San Jose, Santa Clara County, California, 95120-6099 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 my interest in all countries excluding Canada, including all rights under the International Convention, in and to my invention relating to **INCREMENTAL CARDINALITY ESTIMATION FOR A SET OF DATA VALUES** as fully described and claimed in my application for a patent for such invention and to all my corresponding right, title and interest in and to any patent which may issue therefor.


Signed at Toronto Canada ~~Switzerland~~ this 7 th day of August, 2002.

  
.....  
Witness

  
.....  
**Walid RJAIBI**

\*\*\*\*\*

Signed at San Jose, CA USA, this 19 th day of August, 2002

  
.....  
Witness

  
.....  
**Peter Jay HAAS**

CA9-2001-0088

\*\*\*\*\*

### VERIFICATION

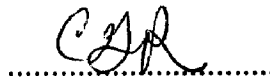
I, MOKHTAR KANDIL..... whose full post office address is,  
60 Gowan Avenue, #1404, Toronto, ON M4K 3X9 that I was personally  
present and did see **Walid RJAIBI**, who is personally known to me to be the person named in  
the above assignment, duly sign and execute the same.

  
.....  
Witness

\*\*\*\*\*

### VERIFICATION

I, Cheryl Ruby..... whose full post office address is,  
717 Thompsons Dr., Brentwood CA 94513..... that I was personally  
present and did see **Peter Jay HAAS**, who is personally known to me to be the person named in  
the above assignment, duly sign and execute the same.

  
.....  
Witness

CA9-2001-0088