

11-15-2002



102282161

Atty. Docket No. JP9-2001-0256

RECORDATION FORM COVER SHEET
PATENTS ONLY

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

11-5-02
1. Name of conveying party(ies):

**Daniel Zilio, Gary Valentin, Guy Lohman
Calisto Zuzarte, Roberta Cochrane,
Hamid Pirahesh, Markos Zaharioudakis,
Kit Man Cheung, Kevin Beyer, David
Simmen, Ting Leung, Samuel Lightstone**

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

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

Name: International Business Machines
Corporation

Address: Armonk, NY 10504

3. Nature of conveyance:

X Assignment

Execution Date(s): 7/29/02-9/24/02

4. Patent Application number(s)

Serial No. 10/177,007

Filed: June 21, 2002

Execution Date(s): 7/29/02-9/24/02

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

Name: Ronald L. Drumheller, Esq.

Address: 94 Teakettle Spout Road
Mahopac, New York 10541

6. Total number of applications involved: 1

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

X Charge to Deposit Account No.:

09-0441

DO NOT USE THIS SPACE

8. 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 original document.

Ronald L. Drumheller (Reg. No. 25,674)

10/29/02

Name of Person Signing

Signature

Date

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, DC 20231

11/14/2002 LUMELLER 00000250 090441

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PATENT
REEL: 013478 FRAME: 0390

Page 1 of 3

Docket CA920010054US1

ASSIGNMENT

Whereas, we,

- | | |
|---|--|
| (1) Daniel C. Zilio
City of Toronto
Province of Ontario | (2) Gary G. Valentin
City of Toronto
Province of Ontario |
| (3) Guy M. Lohman
City of San Jose
County of Santa Clara
State of California | (4) Calisto P. Zuzarte
City of Pickering
Province of Ontario |
| (5) Roberta J. Cochrane
City of Los Gatos
County of Santa Clara
State of California | (6) Hamid Pirahesh
City of San Jose
County of Santa Clara
State of California |
| (7) Markos Zaharioudakis
City of Los Gatos
County of Santa Clara
State of California | (8) Kit Man Cheung
City of Willowdale
Province of Ontario |
| (9) Kevin S. Beyer
City of San Jose
County of Santa Clara
State of California | (10) David E. Simmen
City of San Jose
County of Santa Clara
State of California |
| (11) Ting Y. Leung
City of San Jose
County of Santa Clara
State of California | (12) Samuel S. Lightstone
City of Toronto
Province of Ontario |

have invented certain improvements in *(Title of Invention)*:

METHOD FOR RECOMMENDING INDEXES AND MATERIALIZED VIEWS FOR A DATABASE WORKLOAD

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

(1) x July 29/02

(2) x July 31/02

Page 2 of 3

Docket CA920010054US1

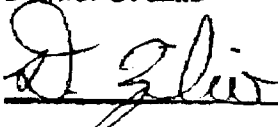
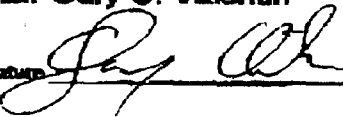
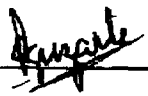
ASSIGNMENT

(3) _____	(4) <u>X</u> <u>JULY 29, 2002</u>
(6) _____	(5) _____
(7) _____	(8) <u>X</u> _____
(9) _____	(10) _____
(11) _____	(12) <u>X</u> <u>July 29, 2002</u>

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 invention 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.

Execution by Inventors

(1) Inventor: <u>Daniel C. Zillo</u>	City/Province: <u>Markham / Ont.</u>
Signature: <u></u>	Date: <u>July 29/02</u>
(2) Inventor: <u>Gary G. Valentin</u>	City/Province: _____
Signature: <u></u>	Date: <u>July 31 / 2002</u>
(3) Inventor: <u>Guy M. Lohman</u>	City/State: <u>San Jose, California</u>
Signature: _____	Date: _____
(4) Inventor: <u>Calisto P. Zuzarte</u>	City/Province: <u>MARKHAM, ONT</u>
Signature: <u></u>	Date: <u>JULY 29, 2002</u>

Page 3 of 3

Docket CA920010054US1

ASSIGNMENT

(6) Inventor: **Roberta J. Cochrane**

City/State: **San Jose, California**

Signature _____

Date _____

(6) Inventor: **Hamid Pirahesh**

City/State: **San Jose, California**

Signature _____

Date _____

(7) Inventor: **Markos Zaharioudakis**

City/State: **San Jose, California**

Signature _____

Date _____

(8) Inventor: **Kit Man Cheung**

City/Province: **Markham / Ont.**

Signature *Kit Man Cheung*

Date *July 31/2002*

(9) Inventor: **Kevin S. Beyer**

City/State: **San Jose, California**

Signature _____

Date _____

(10) Inventor: **David E. Simmen**

City/State: **San Jose, California**

Signature _____

Date _____

(11) Inventor: **Ting Y. Leung**

City/State: **San Jose, California**

Signature _____

Date _____

(12) Inventor: **^(8L)Samuel S. Lightstone**

City/Province: **Markham, Ontario**

Signature *[Signature]*

Date *July 29, 2002*

** TOTAL PAGE.10 **

Page 1 of 3

Docket CA920010054US1

ASSIGNMENT

Whereas, we,

(1) Daniel C. Zilio
City of Toronto
Province of Ontario

(2) Gary G. Valentin
City of Toronto
Province of Ontario

(3) Guy M. Lohman
City of San Jose
County of Santa Clara
State of California

(4) Calisto P. Zuzarte
City of Pickering
Province of Ontario

(5) Roberta J. Cochrane
City of Los Gatos
County of Santa Clara
State of California

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County of Santa Clara
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have invented certain improvements in *(Title of Invention)*:

METHOD FOR RECOMMENDING INDEXES AND MATERIALIZED VIEWS FOR A DATABASE WORKLOAD

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

(1) _____

(2) _____

Page 2 of 3

Docket CA920010054US1

ASSIGNMENT

(3) <u>28 Aug. 2002</u>	(4) _____
(5) <u>24 Sept 2002</u>	(6) <u>8-23-02</u>
(7) <u>08/06/2002</u>	(8) _____
(9) <u>9/13/02</u>	(10) <u>8-6-02</u>
(11) <u>Aug 5, 2002</u>	(12) _____

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.

Execution by Inventors

(1) Inventor: Daniel C. Zilio	City/Province:
Signature _____	Date _____
(2) Inventor: Gary G. Valentin	City/Province:
Signature _____	Date _____
(3) Inventor: Guy M. Lohman	City/State: San Jose, California
Signature <u>Guy M. Lohman</u>	Date <u>28 AUG. 2002</u>
(4) Inventor: Calisto P. Zuzarte	City/Province:
Signature _____	Date _____

Page 3 of 3

Docket CA920010054US1

ASSIGNMENT

(5) Inventor: Roberta J. Cochrane

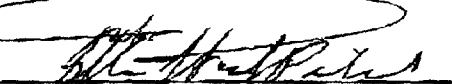
City/State: San Jose, California

Signature 

Date Sept 24, 2002

(6) Inventor: Hamid Pirahesh

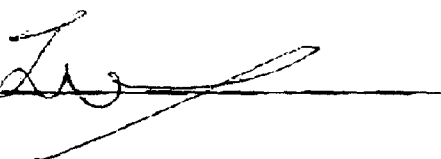
City/State: San Jose, California

Signature 

Date Aug 23 2002

(7) Inventor: Markos Zaharioudakis

City/State: San Jose, California

Signature 

Date 08/06/2002

(8) Inventor: Kit Man Cheung

City/Province:

Signature _____

Date _____

(9) Inventor: Kevin S. Beyer

City/State: San Jose, California

Signature 

Date 9/15/02

(10) Inventor: David E. Simmen

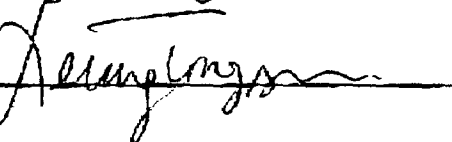
City/State: San Jose, California

Signature 

Date 8-6-02

(11) Inventor: Ting Y. Leung

City/State: San Jose, California

Signature 

Date Aug 5, 2002

(12) Inventor: Samuel S. Lightstone

City/Province:

Signature _____

Date _____