102336159

RECORDATION FORM COVER SHEET
PATENTS ONLY

1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
William Earl Malloy **Ken Qian Pu**	Name: **International Business Machines Corporation** Street: **New Orchard Road** City: **Armonk** State: **NY** ZIP: **10504**
Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No	Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No

3. Nature of conveyance: [X] Assignment	Execution Date(s):	12/17/2002; 12/16/2002

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:

12/17/2002; 12/16/2002

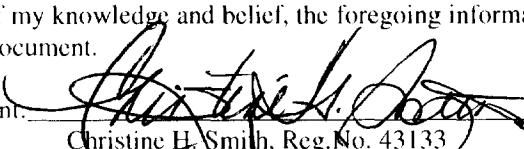A. Patent Application No(s):   B. Patent No.(s): 10/325299

Additional numbers attached? [ ] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: **IBM Corporation** Internal Address: **Intellectual Property Law, J46/G4** Street Address: **555 Bailey Avenue** City: **San Jose** State: **CA** ZIP: **95141**	6. Total number of applications and patents involved: **ONE**
	7. Total fee (37 CFR 3.41)................$40.00 [ ] Enclosed [X] Authorized to be charged to deposit account
	8. Deposit Account Number: **09-0460**

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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.

Attorney/Agent _____   Date: _Dec 17, 2002_

Christine H. Smith, Reg. No. 43133

Total number of pages including cover sheet, attachment(s), and document: | 3 |

ASSIGNMENT

Whereas I/we

INVENTOR/CITY COUNTY/STATE	(1) **William Earl Malloy** County of **Santa Clara** (2) **Ken Qian Pu** County of	City of **Santa Clara** State of **California** City of **Mississauga** State of **Ontario, Canada**

have invented certain improvements in

TITLE

SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS TO IDENTIFY RELATED DATA IN A MULTIDIMENSIONAL DATABASE

and executed, respectively, a United States patent application therefor on the following date(s):

DATE(S) THAT INVENTOR(S) SIGNED THE DECLARATION
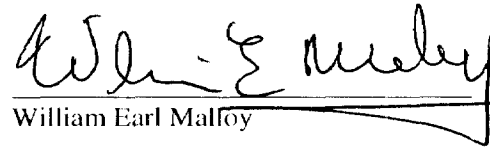
(1) 17 Dec 2002 (2) _____

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, I, 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I 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, CA
on 17 Dec 2002   William Earl Malloy

CITY
DATE

(2) at _____
on _____   Ken Qian Pu

Docket No: SVL920010067US1
Page 1 of 1

ASSIGNMENT

Whereas I/we

INVENTOR/CITY
COUNTY/STATE

(1) **William Earl Malloy**
County of **Santa Clara**
(2) **Ken Qian Pu**
County of

City of **Santa Clara**
State of **California**
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DATE(S) THAT
INVENTOR(S)
SIGNED THE
DECLARATION

(1) _____ (2) *Dec - 16, 2002*

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, I, 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I 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 _____
on _____

_____
William Earl Malloy

CITY
DATE

(2) at *Toronto, Canada*
on *Dec - 16, 2002*

_____
Ken Qian Pu

REEL: 013641 FRAME: 0889