

JULY 28, 1992

02-19-1999

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NOTE: The following appendix did not app.

APPENDIX B
FORM PTO-1595
1-31-92

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PATENTS ONLY**

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Patent and Trademark Office

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

1. Name of conveying party(ies):
Rakesh Agrawal
Roberto Javier Bayardo

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

Name: *INTERNATIONAL BUSINESS
MACHINES CORPORATION*
Internal Address: Armonk, New York 10504

Street Address: SAME AS ABOVE

Additional name(s) & address(es) attached?
 yes no

Additional name(s) of conveying party(ies) attached? yes no

3. Nature of Conveyance
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: January 27, 1999 & January 28, 1999, respectively

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

09 2 45319

If this document is being filed together with a new application, the execution date of the application is: January 27, 1999 & January 28, 1999, respectively

A. Patent Application No.(s)

02/17/1999 AHAYES 00000020 090441 09245319

B. Patent No.(s)

04 FC:581 40.00 CH

Additional numbers attached? Yes No

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

Name: Terrance A. Meador
Address: GRAY CARY WARE & FREIDENRICH
401 "B" Street, Suite 1700
San Diego, California 92101

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit Account Number: 09-0441

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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.

TERRANCE A. MEADOR
Name of Person Signing

Terrance A. Meador
Signature

5 February 1999
Date

Total Number of pages including cover sheet, attachments and document: 2

OMB NO. 0651-0011 (EXP. 4/94)

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**PATENT
REEL: 9758 FRAME: 0187**

100-525 U.S. PTO
09/245319
02/06/99

ASSIGNMENT

Whereas, we,

(1) **Rakesh Agrawal**
 City of San Jose
 County of Santa Clara
 State of California

(2) **Roberto Javier Bayardo**
 City of San Jose
 County of Santa Clara
 State of California

(3) **Dimitrios Gunopulos**
 City of Riverside
 County of Riverside
 State of California

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

SYSTEM AND METHOD FOR CONSTRAINT-BASED RULE MINING IN LARGE, DENSE DATA-SETS

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

(1) January 27, 1999

(2) January 28, 1999

(3) _____

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: **Rakesh Agrawal**
 Signature *Rakesh Agrawal*

City/State: **San Jose, CA**
 Date January 27, 1999

(2) Inventor: **Roberto Javier Bayardo**
 Signature *Roberto Javier Bayardo*

City/State: **San Jose, CA**
 Date January 28, 1999

(3) Inventor: **Dimitrios Gunopulos**
 Signature _____

City/State: **Riverside, CA**
 Date _____