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OMB No. 0651-0027 (exp.5/31/2002)  
P08A/REV03

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102615377

Tab settings

To the Director of the United States Patent and Trademark Office

102615377 are attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Feng-wei Chen Russell**  
**Ameet M. Kini**  
**Marcelo Cunha Loureiro**  
**John A. Medicke, Jr.**

Additional names(s) of conveying party(ies)  Yes  No

2. Name and address of receiving party(ies):  
 Name: **International Business Machines Corporation**  
 Address: **New Orchard Road**  
 City: **Armonk** State/Prov.: **NY**  
 Country: **US** ZIP: **10504**

Additional name(s) & address(es)  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: **11/18/03; 11/20/03; 11/18/03; 11/20/03;**  
**11/17/03 and 11/17/03**

4. Application number(s) or patent numbers(s): **10720792**  
 If this document is being filed together with a new application, the execution date of the application is: **11/18/03; 11/20/03; 11/18/03; 11/20/03; 11/17/03 and 11/17/03**

Patent Application No.	Filing date	B. Patent No.(s)

Additional numbers  Yes  No

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**  
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account  
 Authorized to be charged to deposit account

8. Deposit account number: **09-0461 (IBM)**  
 (Attach duplicate copy of this page if paying by deposit account)

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Name: **Ronald A. D'Alessandro**  
 Registration No. **42,456**  
 Address: **Hoffman, Warnick & D'Alessandro LLC**  
**Three E-Comm Square**  
 City: **Albany** State/Prov.: **NY**  
 Country: **US** ZIP: **12207**

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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.*

**Ronald A. D'Alessandro**  
 Name of Person Signing

*[Signature]*  
 Signature

**November 24, 2003**  
 Date

Total number of pages including cover sheet, attachments, and

8

Mail documents to be recorded with required cover sheet information to:  
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PATENT  
REEL: 014747 FRAME: 0019

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## ASSIGNMENT

Whereas, we, Feng-wei Chen Russell, Ameet M. Kini, Marcelo Cunha Loureiro, John A. Medicke, Jr., Betsy M. Plunket and Ashish Sureka

- |   |  |
|---|--|
| (1) Feng-wei Chen Russell<br>County of <b>Wake</b> ,      | City of <b>Cary</b> ,<br>and State of <b>North Carolina</b> ,    |
| (2) Ameet M. Kini<br>County of <b>Loudoun</b> ,           | City of <b>Sterling</b> ,<br>And State of <b>Virginia</b> ,      |
| (3) Marcelo Cunha Loureiro<br>County of <b>New York</b> , | City of <b>New York</b> ,<br>And State of <b>New York</b> ,      |
| (4) John A. Medicke, Jr.<br>County of <b>Wake</b> ,       | City of <b>Raleigh</b> ,<br>And State of <b>North Carolina</b> , |
| (5) Betsy M. Plunket<br>County of <b>Wake</b> ,           | City of <b>Raleigh</b> ,<br>And State of <b>North Carolina</b> , |
| (6) Ashish Sureka<br>County of <b>Wake</b> ,              | City of <b>Raleigh</b> ,<br>And State of <b>North Carolina</b> , |

have invented certain improvements in **COMPUTERIZED DATA MINING SYSTEM, METHOD AND PROGRAM PRODUCT**

and have executed, respectively, a United States patent application therefor on

- |                       |                       |
|-----------------------|-----------------------|
| (1) November 18, 2003 | (2) November 20, 2003 |
| (3) November 18, 2003 | (4) November 20, 2003 |
| (5) November 17, 2003 | (6) November 17, 2003 |

And 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.

(1) Signed: Feng-wei Chen Russell

this 18 day of November, 2003.

at RTP, NC  
(city/state where signed)

Feng-wei Chen Russell  
(inventor)

(2) Signed: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_  
(city/state where signed)

Armeet M. Kini  
(inventor)

(3) Signed: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_  
(city/state where signed)

Marcelo Cunha Loureiro  
(inventor)

(4) Signed: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_  
(city/state where signed)

John A. Medicke, Jr.  
(inventor)

(5) Signed: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_  
(city/state where signed)

Betsy M. Plunket  
(inventor)

(6) Signed: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_  
(city/state where signed)

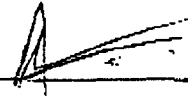
Ashish Sureka  
(inventor)

**Docket No.: RSW920030187US1**

(1) Signed: \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_  
(city/state where signed)

Feng-wel Chen Russell  
(inventor)

(2) Signed:  \_\_\_\_\_ this 20<sup>th</sup> day of NOVEMBER, 2003.

at MADISON / WISCONSIN  
(city/state where signed)

Ameet M. Kini  
(inventor)

(3) Signed: \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_  
(city/state where signed)

Marcelo Cunha Loureiro  
(inventor)

(4) Signed: \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_  
(city/state where signed)

John A. Medicke, Jr.  
(inventor)

(5) Signed: \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_  
(city/state where signed)

Betsy M. Plunket  
(inventor)

(6) Signed: \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_  
(city/state where signed)

Ashish Sureka  
(inventor)

(1) Signed: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_,  
(city/state where signed)

Feng-wei Chen Russell  
(inventor)

(2) Signed: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_,  
(city/state where signed)

Ameet M. Kini  
(inventor)

(3) Signed: 

this 18<sup>th</sup> day of November, 2003.

at New York, NY  
(city/state where signed)

Marcelo Cunha Loureiro  
(inventor)

(4) Signed: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_,  
(city/state where signed)

John A. Medicke, Jr.  
(inventor)

(5) Signed: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_,  
(city/state where signed)

Betsy M. Plunket  
(inventor)

(6) Signed: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_,  
(city/state where signed)

Ashish Sureka  
(inventor)

7

**Docket No.: RSW920030187US1**

(1) Signed: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_  
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Feng-wei Chen Russell  
(inventor)

(2) Signed: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_  
(city/state where signed)

Ameet M. Kini  
(inventor)

(3) Signed: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_  
(city/state where signed)

Marcelo Cunha Loureiro  
(inventor)

(4) Signed: John A. Medicke, Jr.

this 20 day of November, 2003.

at Raleigh, NC  
(city/state where signed)

John A. Medicke, Jr.  
(inventor)

(5) Signed: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_  
(city/state where signed)

Betsy M. Plunket  
(inventor)

(6) Signed: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_  
(city/state where signed)

Ashish Sureka  
(inventor)

**Docket No.: RSW920030187US1**

(1) Signed: \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_  
(city/state where signed)

Feng-wei Chen Russell  
(inventor)

(2) Signed: \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_  
(city/state where signed)

Ameet M. Kini  
(inventor)

(3) Signed: \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_  
(city/state where signed)

Marcelo Cunha Loureiro  
(inventor)

(4) Signed: \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_  
(city/state where signed)

John A. Medicke, Jr.  
(inventor)

(5) Signed: Betsy M Plunket this 17<sup>th</sup> day of November, 2003.

at Raleigh, NC  
(city/state where signed)

Betsy M. Plunket  
(inventor)

(6) Signed: \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_  
(city/state where signed)

Ashish Sureka  
(inventor)

(1) Signed: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_,  
(city/state where signed)

Feng-wei Chen Russell  
(inventor)

(2) Signed: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_,  
(city/state where signed)

Ameet M. Kini  
(inventor)

(3) Signed: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_,  
(city/state where signed)

Marcelo Cunha Loureiro  
(inventor)

(4) Signed: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_,  
(city/state where signed)

John A. Medicke, Jr.  
(inventor)

(5) Signed: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

at \_\_\_\_\_,  
(city/state where signed)

Betsy M. Plunket  
(inventor)

(6) Signed: Ashish Sureka

this \_\_\_\_\_ day of NOV 17, 2003.

at Raleigh, NC,  
(city/state where signed)

Ashish Sureka  
(inventor)