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D■TE: ~~January 30,~~ 2003   2-7-03

102365105

To the Assistant Commissioner For Patents: P
documents or copies thereof.

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1.   Name of conveying party(ies):Michael D. Elder, Jason Y. Jho, Vaughn T.
     Rokosz, Andrew L. Schirmer, Matthew Schultz
     ~~Executed: 12/26/02; 01/01/03; 01/08/03; 01/07/03; 12/31/02~~

2.   Name and address of receiving party(ies):
     Name: International Business Machines Corporation
     Address: New Orchard Road, Armonk, New York, 10504

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3.   Nature of Conveyance: Assignment

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4.   Application number(s) or patent number(s):   10/286,145
     Title: SYSTEM AND METHOD FOR DETERMINING COMMUNITY OVERLAP
     If this document is being filed together with a new application, the
     execution date of the application is: _____

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5.   Name and address of party to whom correspondence concerning document
     should be mailed: IBM Corporation, Lotus Software
                              Patent and Trademark Counsel
                              Mr. Stephen T. Keohane, Esq.
                              One Rogers Street,
                              Cambridge, MA 02142

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6.   Total number of applications and patents involved: 1

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7.   Total fee (37 CFR 3.41): $40.00
     Authorized to be charged to deposit account 12-2158: total fee due and
     any deficiencies in the enclosed fees.

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8.   Deposit account number: 12-2158 (IBM Corporation)

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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.

     Stephen T. Keohane   [signature]   01/28/2003
     Name of Person Signing   Signature   Date
     Registration # 34,360   Telephone: 617-693-4152
     Total number of pages comprising cover sheet: 1

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I hereby certify that I am depositing the enclosed or attached correspondence
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Name of person mailing paper: Juliet Gresham-Moran
                                 [signature]
                                 Signature   Date

02/12/2003 TDIAZ1   00000197 122158   10286145
01 FC:8021   40.00 CH

ASSIGNMENT

Whereas, we

  (1) **Michael D. Elder**

                   City of   Greer
                   County of   _____
      and   State of   South Carolina

  (2) **Jason Y. Jho**

                   City of   Raliegh
                   County of   Wake
      and   State of   North Carolina

  (3) **Vaughn T. Rokosz**

                   City of   Newton
                   County of   Middlesex
      and   State of   Massachusetts

  (4) **Andrew L. Schirmer**

                   City of   Andover
                   County of   Essex
      and   State of   Massachusetts

  (5) **Matthew Schultz**

                   City of   Ithaca
                   County of   Tompkins
      and   State of   New York

have invented certain improvements in

SYSTEM AND METHOD FOR DETERMINING COMMUNITY OVERLAP

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

(1) *Dec. 26* , 2002, (2) _____ , 2002, (3) _____ ,2002,

(4) _____ , 2002, (5) _____ ;

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 at _Greer_ , _SC_

on _Dec 26_ , 2002

[signature]
(Michael D. Elder)

(2) Signed at _____ , _____

on _____ , 2002

_____
(Jason Y. Jho)

(3) Signed at _____ , _____

on _____ , 2002

_____
(Vaughn T. Rokosz)

(4) Signed at _____ , _____

on _____ , 2002

_____
(Andrew L. Schirmer)

(5) Signed at _____ , _____

on _____ , 2002

_____
(Matthew Schultz)

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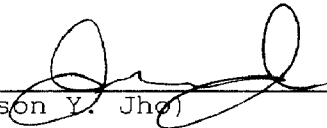
(1) _____, 2002, (2) *January 1*, 200**3**, (3) _____, 2002,

(4) _____, 2002, (5) _____;

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(1) Signed at _____ , _____

on _____ , 2002

_____
(Michael D. Elder)

(2) Signed at *Raleigh* , *NC*

on *Jan. 1* , 200*3*

_____
(Jason Y. Jho)

(3) Signed at _____ , _____

on _____ , 2002

_____
(Vaughn T. Rokosz)

(4) Signed at _____ , _____

on _____ , 2002

_____
(Andrew L. Schirmer)

(5) Signed at _____ , _____

on _____ , 2002

_____
(Matthew Schultz)

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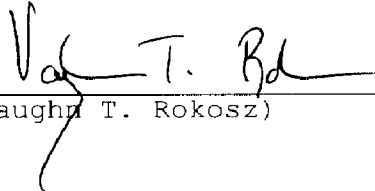
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---

(1) Signed at _____ , _____

on _____ , 2002

_____

(Michael D. Elder)

(2) Signed at _____ , _____

on _____ , 2002

_____

(Jason Y. Jho)

(3) Signed at WESTFORD , MA

on 1/08/03 , 2002

_____

(Vaughn T. Rokosz)

(4) Signed at _____ , _____

on _____ , 2002

_____

(Andrew L. Schirmer)

(5) Signed at _____ , _____

on _____ , 2002

_____

(Matthew Schultz)

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(1)_____, 2002, (2)_____, 2002, (3)_____,2002,

(4)___1/7___, 2003, (5)_____;

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;

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(1) Signed at _____ , _____
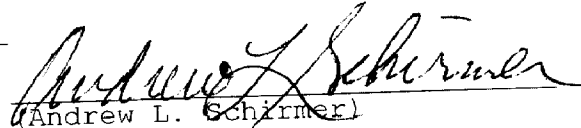
on _____, 2002

_____
(Michael D. Elder)

(2) Signed at _____ , _____

on _____, 2002

_____
(Jason Y. Jho)

(3) Signed at _____ , _____

on _____, 2002

_____
(Vaughn T. Rokosz)

(4) Signed at *Westford* , *MA*

on *1/7* , 200*3*

_____
(Andrew L. Schirmer)

(5) Signed at _____ , _____

on _____, 2002

_____
(Matthew Schultz)

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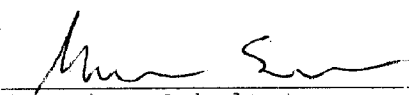(3) Signed at _____ , _____

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                                          (Vaughn T. Rokosz)

(4) Signed at _____ , _____

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                                          (Andrew L. Schirmer)

(5) Signed at Ithaca , NY

    on 12/31 , 2002

                                          (Matthew Schultz)