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FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

Docket No. 12780-361

RE



101946675

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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

## 1. Name of conveying party(ies):

Bonnie J. Vining  
Kenneth E. Hannigan

12/21/01

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

International Business Machines Corporation  
New Orchard Street  
Armonk, NY 105041046 U.S. PTO  
10/036609  
12/21/01Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Date: December 11, 2001 and December 14, 2001

## 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: December 11, 2001 and December 14, 2001

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Charles Berman, Esq.  
Address: OPPENHEIMER WOLFF & DONNELLY LLP  
2029 Century Park East, 38<sup>th</sup> Floor  
Los Angeles, CA 90067-3024

## 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. Please charge any additional fees or credit any overpayments to our Deposit account number: 16-2230

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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.

Charles Berman

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December 21, 2001

Date

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LA: 308881 v01 12/21/2001

PATENT  
 REEL: 012450 FRAME: 0253

**ASSIGNMENT**

WHEREAS, we, Bonnie Jean Vining, residing in Tucson, Arizona, and Kenneth Eugene Hannigan, residing in Tucson, Arizona, the undersigned inventors and the ASSIGNORS herein, have invented SYSTEM AND METHOD FOR REMOVING RULES FROM DATA ADMINISTRATION SYSTEM (12780-361), for which we are filing an application for Letters Patent of the United States concurrently herewith, and of which inventions and improvements we are the sole owners; and

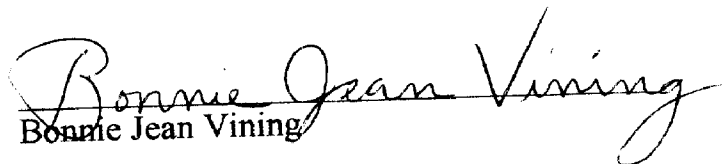
WHEREAS, INTERNATIONAL BUSINESS MACHINES CORPORATION, is a corporation organized and existing under the laws of the State of New York, having a place of business in Armonk, New York 10504, (hereinafter "IBM") the ASSIGNEE herein, desires to acquire the entire right, title and interest in and to said inventions, applications and Letters Patent to be granted and issued thereon;

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 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 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.

Signed and sealed:

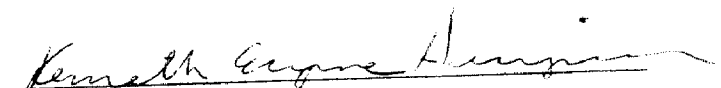
at Tucson, Arizona (CITY)

on December 11, 2001

  
Bonnie Jean Vining

at Tucson, Arizona (CITY)

on December 14, 2001

  
Kenneth Eugene Hannigan