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(Rev. 03/01)

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1 COVER SHEET

U.S. DEPARTMENT OF COMMERCE

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

PATENT'S ONLY

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

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

Robert J. HOLLINES III  
Christina Marie LEE  
Robert William LYLE  
Michael R. SHADDUCK  
Julie Ann WATTSAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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

Name: International Business Machines Corporation

City: Armonk

State/Country: New York

Zip Code: 10504

MRD 11/26/02

## 3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other

Execution Date:

November 21, 2002,  
November 22, 2002 and  
November 25, 2002Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 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:

11/21/02, 11/22/02  
and 11/25/02

A. Patent Application No.(s)

10304792

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Peter L. Michaelson

Firm Name: Michaelson &amp; Wallace

Street Address: Parkway 109 Office Center

328 Newman Springs Road, P.O. Box 8489

City: Red Bank State: NJ Zip: 07701

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

7. Total fee (37 CFR 3.41).....\$ 40.00



Enclosed (included with fees)



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8. Deposit account number: 13-3083

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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.

Peter L. MICHAELSON

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 3

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PATENT  
REEL: 013541 FRAME: 0163

Docket No: IBM-SVI-1(SVL920020082US1)  
Page 1 of 2

## ASSIGNMENT

Whereas I/we

INVENTOR/CITY  
COUNTY/STATE

(1) Robert J. HOLLINES III  
County of Clark  
(2) Christina Marie LEE  
County of Santa Clara  
(3) Robert William LYLE  
County of Santa Clara  
(4) Michael R. SHADDUCK  
County of Santa Clara  
(5) Julie Ann WATTS  
County of Santa Clara

City of Las Vegas  
State of Nevada  
City of San Jose  
State of California  
City of Morgan Hill  
State of California  
City of Los Altos  
State of California  
City of Morgan Hill  
State of California

have invented certain improvements in

**DATABASE MANAGEMENT SYSTEM USING OFFSETS IN ENTRIES WITH AT  
LEAST ONE VARYING-LENGTH COLUMN**

TITLE

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

DATE(S) THAT  
INVENTOR(S)  
SIGNED THE  
DECLARATION

(1) November 22, 2002  
(3) \_\_\_\_\_  
(5) \_\_\_\_\_

(2) \_\_\_\_\_  
(4) \_\_\_\_\_

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 Las Vegas  
on November 22, 2002

Robert J. Hollines III  
Robert J. HOLLINES III

CITY  
DATE

(2) at \_\_\_\_\_  
on \_\_\_\_\_

Christina Marie LEE  
Christina Marie LEE

Docket No: IBM-SVL-1(SVL920020082US1)  
Page 1 of 2

# ASSIGNMENT

Whereas I/we

INVENTOR/CITY  
COUNTY/STATE

(1)Robert J. HOLLINES III  
County of Monterey  
(2)Christina Marie LEE  
County of Santa Clara  
(3)Robert William LYLE  
County of Santa Clara  
(4)Michael R. SHADDUCK  
County of Santa Clara  
(5)Julie Ann WATTS  
County of Santa Clara

City of Salinas  
State of California  
City of San Jose  
State of California  
City of Morgan Hill  
State of California  
City of Los Altos  
State of California  
City of Morgan Hill  
State of California

have invented certain improvements in

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TITLE

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

DATE(S) THAT  
INVENTOR(S)  
SIGNED THE  
DECLARATION

(1) \_\_\_\_\_  
(3) 11/21/02  
(5) 11-25-02

(2) 11/21/02  
(4) 11/21/02

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 \_\_\_\_\_

Robert J. HOLLINES III

CITY  
DATE

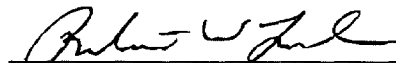
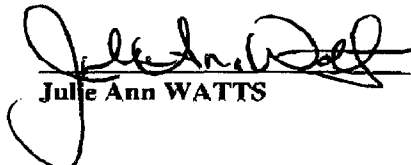
(2) at SAN JOSE  
on 11/21/02

  
Christina Marie LEE

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## ASSIGNMENT CONTINUED

CITY  
DATE(3) at San Jose  
on 11/21/02  
Robert William LYLECITY  
DATE(4) at San Jose  
on 11/21/02  
Michael R. SHADDUCKCITY  
DATE(5) at San Jose  
on 11-25-02  
Julie Ann WATTS