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9.10.03

Docket No: SVL920030060US1

09-22-2003

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102554640

US DEPARTMENT OF COMMERCE
Patent and Trademark Office

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

22388 U.S. PTO

10/659628

09/10/03

1. Name of conveying party(ies):

Ajay K. Gupta

Karl Ostner

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

Name: **International Business Machines Corporation**

Street Address: **New Orchard Road**

City: **Armonk** State: **NY** ZIP: **10504**

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

Additional name(s) & address(es) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

Execution Date: September 5, 2003 - Ajay K. Gupta
September 8, 2003 - Karl Ostner

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:

September 5, 2003 - Ajay K. Gupta

September 8, 2003 - Karl Ostner

A. Patent Application No.(s)

10659628

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B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Michael E. Hudzinski

Internal Address: Seventh Floor

Street Address: 1100 Superior Avenue

City: Cleveland State: OH

Zip: 44114-2518

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6. Total Number of applications and patents involved: **One**

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

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit Account Number: 09-0460

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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.

Michael E. Hudzinski
Signature

10 SEP 03
Date

Total number of pages, including cover sheet, attachments, and document: [3]

PATENT
REEL: 014497 FRAME: 0446

ASSIGNMENT

Whereas I/we

(1) **Ajay K. Gupta** City of **Fremont**
County of **Alameda** State of **California**

(2) **Karl Ostner** City of **St. Wolfgang**
Country of **Germany**

have invented certain improvements in

HIGH AVAILABILITY DATA REPLICATION OF AN R-TREE INDEX

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


(1) 9/5/2003 **Ajay K. Gupta**
(2) _____ **Karl Ostner**

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:

(1) at **FREMONT, CA**
on **9/5/2003**



Ajay K. Gupta

(2) at _____
on _____

Karl Ostner

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ASSIGNMENT

Whereas I/we

INVENTOR/CITY
COUNTY/STATE

(1) Ajay K. Gupta City of Fremont
County of Alameda State of California

(2) Karl Ostner City of St. Wolfgang
Country of Germany

have invented certain improvements in

TITLE

HIGH AVAILABILITY DATA REPLICATION OF AN R-TREE INDEX

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

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

(1) _____ Ajay K. Gupta

(2) 08/09/2003 _____ Karl Ostner

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.

CITY
DATE

Signed:

(1) at _____

Ajay K. Gupta

on _____

(2) at ST. WOLFGANG _____

Karl Ostner

Karl Ostner

on 08/09/2003 _____

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