

01-10-2001

FORM PTO-1584
01-10-96:CMG



T U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Atty Ref/Docket No.: 777.409US1

101578369

12.26.00

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

1. Name of conveying party(ies):

Sanjay Agrawal, Surajit Chaudhuri and Vivek R. Narasayya

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

Name: Microsoft Corporation

Additional name(s) of conveying party(ies) attached? []Yes [X]No

Street Address: One Microsoft Way

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

City: Redmond State: WA ZIP: 98052

Additional name(s) & address(es) attached? []Yes [X]No

Execution Date: November 28, 2000, December 7, 2000

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: _____

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 09/629,412, filed August 1, 2000

Additional numbers attached? []Yes [X]No

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

Name: Rodney L. Lacy

Address: Schwegman, Lundberg, Woessner & Kluth, P.A.
P.O. Box 2938
Minneapolis, MN 55402

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: 19-0743

DO NOT USE THIS SPACE

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.

Rodney L. Lacy/Reg. No. 41,136
Name of Person Signing

Rodney L. Lacy
Signature

December 19, 2000
Date

Total number of pages including cover sheet: 4

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

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of information systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

PATENT
REEL: 011399 FRAME: 0303

ASSIGNMENT

WHEREAS, we, Sanjay Agrawal, Surajit Chaudhuri and Vivek R. Narasayya (hereinafter referred to as ASSIGNORS), having post office addresses of 2732 174th Avenue NE, Redmond, WA 98052, 14909 NE 75th Court, Redmond, WA 98052 and 8506 139th Avenue NE, Redmond, WA 98052 respectively, are the joint inventors of an invention entitled "IDENTIFYING INDEXES ON MATERIALIZED VIEWS FOR DATABASE WORKLOAD", as described and claimed in the specification forming part of an application for United States letters patent filed August 1, 2000 and assigned serial number 09/629,412;

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 7th day of DEC, 2000.

Sanjay Agrawal

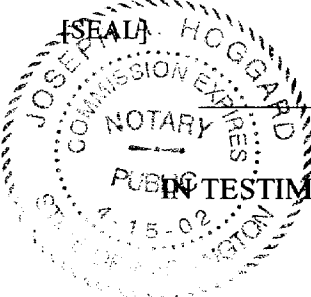
Sanjay Agrawal

STATE OF WASHINGTON
)ss.

COUNTY OF KING)

On this 7th day of DEC., 2000 before me personally appeared Sanjay Agrawal to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Joseph A. Hoggard
Notary Public



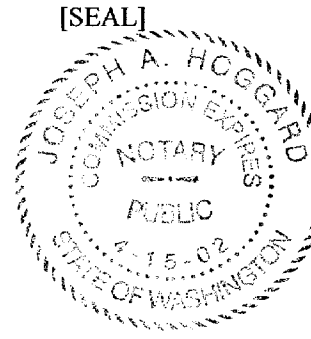
IN TESTIMONY WHEREOF, I have hereunto set my hand this 28th day of NOV, 2000.

Surjit Chaudhuri
Surajit Chaudhuri

STATE OF WASHINGTON
)ss.
COUNTY OF KING)

On this 28th day of NOVEMBER, 2000 before me personally appeared Surajit Chaudhuri to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Joseph A. Hoggard
Notary Public



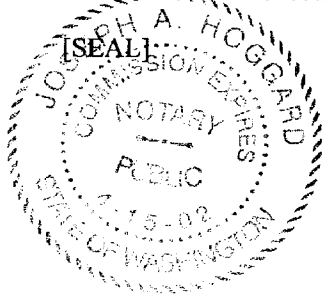
IN TESTIMONY WHEREOF, I have hereunto set my hand this 28th day of NOVEMBER, 2000.

N. R. Narasayya

Vivek R. Narasayya

STATE OF WASHINGTON
COUNTY OF KING)ss.

On this 28th day of NOVEMBER, 2000 before me personally appeared Vivek R. Narasayya to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Joseph A. Hoggard
Notary Public