MENT OF COMMERCE FORM PTO-1584 RECORDATION 01 - 31 - 2001 01-10-96:CMG PATEN ent and Trademark Office Atty Ref/Docket No.: 777.407US To the Honorable Commissioner of Patents and Trademarks: Please record the a 101600788 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Sanjay Agrawal, Surajit Chaudhuri and Vivek R. Narasayya Name: Microsoft Corporation Additional name(s) of conveying party(ies) attached? [ [Yes [X]No Street Address: One Microsoft Way 3. Nature of conveyance: [X] Assignment [] Merger Redmond State: WA ZIP: 98052 [] Change of Name [] Security Agreement [ ] Other Additional name(s) & address(es) attached? []Yes [X]No Execution Date: \_\_\_\_\_ January 18, 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: B. Patent No.(s) A. Patent Application No.(s) Serial No. 09/629,010, filed August 1, 2000 Additional numbers attached? []Yes [X]No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: Name: Rodney L. Lacy 7. Total fee (37 CFR 3.41):\$ 40.00 Address: Schwegman, Lundberg, Woessner & Kluth, P.A. [X] Enclosed P.O. Box 2938 [] Authorized to be charged to deposit account Minneapolis, MN 55402 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

gnature

January 19, 2001

Date

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## 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 "INTERESTING TABLE-SUBSET SELECTION FOR DATABASE WORKLOAD MATERIALIZED VIEW SELECTION", 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 09/629,010;

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.

> PATENT REEL: 011466 FRAME: 0186

[SEAL]

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INTERESTING TABLE-SUBSET SELECTION FOR DATABASE WORKLOAD MATERIALIZED VIEW SELECTION

IN TESTIMONY WHEREOF, I have hereunto set my hand this 18th day of January, 2001.

Sanjay Agrawal STATE OF (VOShiman) COUNTY OF MIN On this \(\frac{\frac{\partial}{n}}{n}\) day of \(\frac{\frac{\partial}{n}\quad \frac{\partial}{n}}{n}\), 2001 before me personally appeared \(\frac{\sanjay}{n}\) Agrawal to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly ackn ame that he/she executed the same for the uses and purposes therein set forth. [SEAL] Notary Public IN TESTIMONY WHEREOF, I have hereunto set my hand this 18 day of JANUARY 2001. Surajit Chaudhuri STATE OF WOShington COUNTY OF WIN On this 6th day of MIMVI , 2001 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, ome that he/she executed the same for the uses and purposes therein and he/she dul set forth.

Notary Public

PATENT REEL: 011466 FRAME: 0187 ASSIGNMENT
Applicant:
Invention:

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INTERESTING TABLE-SUBSET SELECTION FOR DATABASE WORKLOAD MATERIALIZED VIEW SELECTION

IN TESTIMONY WHEREOF, I have hereunto set my hand this 18 day of Jamany, 2001.

Vivek R. Narasayya

STATE OF WAShington)

COUNTY OF MAG

purposes therein september

**RECORDED: 01/22/2001** 

On this 16th day of 100000, 2001 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

[SEAL]

Notary Public