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DEPARTMENT OF COMMERCE
Patent and Trademark Office

101056141

To the Honorable Commissioner of Patents and Trademarks, Patent and Trademark Office, Department of Commerce, Washington, D.C. 20231

1. Name of conveying party(ies):

Surajit Chaudhuri
Vivek Narasayya

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

Microsoft Corporation
One Microsoft Way
Redmond, Washington 98052

3. Nature of conveyance:

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

Execution Date: May 21, 1999

I hereby certify that this paper is being deposited
with the U.S. Postal Service as 1st Class Mail
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Trademarks, Washington, D.C. 20231 on 5/26/99.

By: Maren Buginski

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):

09/268,275

B. Patent No(s):

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

Matthew C. Fagan
WATTS, HOFFMANN, FISHER & HEINKE CO., L.P.A.
P.O. Box 99839
Cleveland, Ohio 44199-0839

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §§ 1.21(h), 3.41): \$ 40.00

☒ Enclosed.

☐ Authorized to be charged to deposit account.

☒ The Commissioner is hereby authorized to credit any
overpayment or to charge any fee deficiencies under
37 C.F.R. § 1.21(h) to our deposit account.

8. Deposit account number: 23-0630

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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.

Matthew C. Fagan, Reg. No. 37,542
Name of Person Signing

Matthew C. Fagan
Signature

May 26, 1999
Date

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

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

Commissioner of Patents & Trademarks
BOX ASSIGNMENTS
Washington, D.C. 20231

06/03/1999 MTH 11 00000145 09268275

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PATENT
REEL: 009990 FRAME: 0720

ASSIGNMENT

WHEREAS, we, Surajit Chaudhuri, Rajeev Motwani, and Vivek Narasayya (hereinafter referred to as ASSIGNORS), having post office addresses of 16548 N.E. 35th Court, Apt. PP204, Redmond, Washington 98052; 251 Stanford Avenue, Palo Alto, California 94306; and 16239 NE 13th Place, #E-311, Bellevue, Washington 98008, respectively, are the joint inventors of an invention entitled "SAMPLING OVER JOINS FOR DATABASE SYSTEMS," as described and claimed in the specification forming part of an application for United States letters patent filed March 15, 1999 and assigned Application No. 09/268,275;

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, Washington 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 therefor in the United States and in any and all foreign countries;

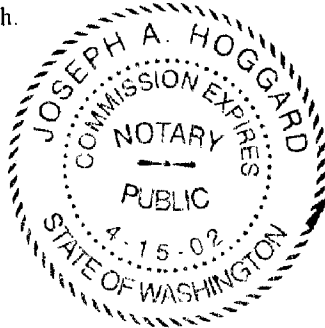
NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted 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 therefor.

State of Washington)
) SS
County of King)

Surajit Chaudhuri
Surajit Chaudhuri

This 21 day of May, 1999, before me personally came the above-named Surajit Chaudhuri to me personally known as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purpose therein set forth.



Joseph A. Hoggard
Notary Public

State of California)
) SS
County of _____)

Rajeev Motwani

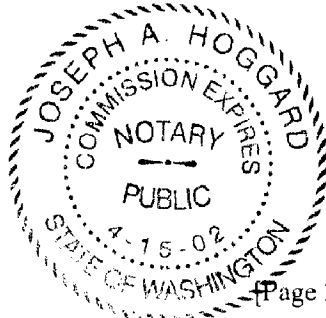
This ____ day of _____, 1999, before me personally came the above-named Rajeev Motwani to me personally known as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

Notary Public

State of Washington)
) SS
County of King)

N. R. Narasayya
Vivek Narasayya

This 21 day of May, 1999, before me personally came the above-named Vivek Narasayya to me personally known as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purpose therein set forth.



Joseph A. Hoggard
Notary Public