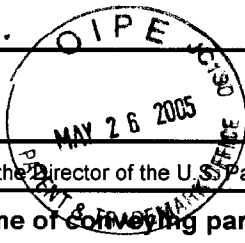


06-15-2005



RECOR



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To the Director of the U.S. Patent and Trademark Office: Please record this document at the new address(es) below.

Corrective

1. Name of conveying party(ies)/Execution Date(s):

Surajit Chaudhuri May 18, 2001
Vivek Narasayya May 18, 2001
Gantam Das May 18, 2001

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

Name: Microsoft Corporation
Address: One Microsoft Way, Bldg 109
City: Redmond
State: Washington
Zip: 98052
Country: United States

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

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s): This document is being filed together with a new application: _____

A. Patent Application No(s):
09/861,960

B. Patent No.(s):

Additional numbers attached? Yes No

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

Name: Microsoft Corporation
Internal Address: Patent Group Docketing
Street Address: One Microsoft Way
City: Redmond
State: Washington
Zip: 98052
Country: United States
Phone Number: (425) - 707-3913
Fax Number: (425) - 708-5046
Email Address: msdocket@microsoft.com

6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged to deposit account
- Enclosed None required (government interest not affecting title)

8. Payment Information

Deposit Account Number: 50-0463
Authorized User Name: Paul B. Heynssens

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9. Signature: Paul B. Heynssens
Signature

5/23/05
Date

Paul B. Heynssens, Reg No. 47,648
Name of Person Signing

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

06-2001



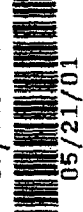
FORM PTO-11
(Modified)

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FORM COVER
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
16-866 - 4254

PTO
09/861960



To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies): <u>05/21/01</u> Surajit Chaudhuri, Vivek Narasayya and Gautam Das	2. Name and address of receiving party(ies): Microsoft Corporation One Microsoft Way Redmond, WA, 98052
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: <u>May 18, 2001</u>	I hereby certify that this paper is being deposited with the U.S. Postal Service as Express Mail addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231. <u>5/21/01</u> <u>Mered Berginski</u>

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: May 18, 2001


A. Patent Application No(s): <u>89/861960</u>	B. Patent No(s):
--	------------------

5. Name and address of party to whom correspondence concerning document should be mailed: Stephen J. Schultz WATTS, HOFFMANN, FISHER & HEINKE CO., L.P.A. 1100 Superior Ave., Ste. 1750 Cleveland, Ohio 44114	6. Total number of applications and patents involved: <u>1</u>
	7. Total fee (37 C.F.R. §§ 1.21(h), 3.41): <u>\$ 40.00</u> <input checked="" type="checkbox"/> Enclosed. <input type="checkbox"/> Authorized to be charged to deposit account. <input checked="" type="checkbox"/> 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: <u>23-0630</u>

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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.

<u>Stephen J. Schultz, Reg. No. 29,108</u> Name of Person Signing	 Signature	<u>May 21, 2001</u> Date
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Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks
 BOX ASSIGNMENTS
 Washington, D.C. 20231

ASSIGNMENT

WHEREAS, we, Surajit Chaudhuri, Vivek Narasayya and Guatam Das (hereinafter referred to as ASSIGNORS), having post office addresses of 14909 N.E. 75th Court, Redmond, Washington 98052, 8506 139th Ave. N.E., Redmond, Washington 98052 and 2521 276th Court N.E., Redmond, Washington 98053 respectively, are the joint inventors of an invention entitled "OPTIMIZATION BASED METHOD FOR ESTIMATING THE RESULTS OF AGGREGATE QUERIES," as described and claimed in the specification forming part of an application for United States letters patent filed concurrently herewith;

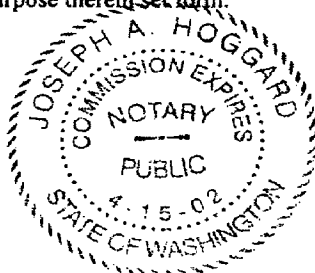
WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, Washington 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent 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.

Surajit Chaudhuri
Surajit Chaudhuri

State of WASHINGTON)
) SS
County of KING)

This 18 day of MAY, 2001, 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.

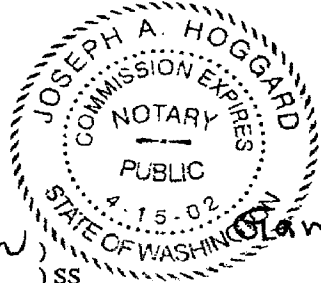


Joseph A. Hoggard
Notary Public

N.R. Vivas
Vivek Narasayya

State of WASHINGTON)
) SS
County of KING)

This 18 day of MAY, 2001, 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.

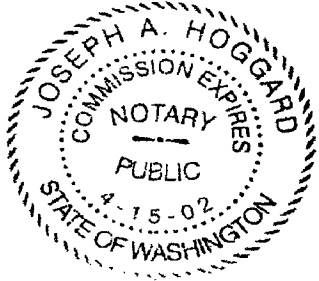


Joseph A. Hoggard
Notary Public

Gantam Das
~~Gantam Das~~

State of WASHINGTON)
) SS
County of KING)

This 18 day of MAY, 2001, before me personally came the above-named Gantam Das 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.



Gantam Das
Joseph A. Hoggard
Notary Public