

02-12-1999



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documents or copy

To The Honorable Commissioner of Patents and Trademark
thereof.

1. Name of conveying party(ies):
Stewart P. MacLeod
Casey L. Kiernan
Manu Vasandani

2-9-99

Additional name(s) of conveying party(ies)
attached? () YES (x) NO

3. Nature of Conveyance:
(x) Assignment () Merger
() Security Agreement
() Change of Name
() Other:

Execution Date(s): 1/27/99

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

Name: Microsoft Corporation

Street Address: Docketing Department, Bldg. 4
One Microsoft Way

City: Redmond

State WA ZIP 98052-6399

Additional name(s) & address attached? () YES (x) NO

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)
09/213,069

B. Patent No.(s)

Additional numbers attached? () YES (x) NO

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

Name: Michael J. Swope, Esquire
Internal Address: WOODCOCK WASHBURN KURTZ
MACKIEWICZ & NORRIS LLP
One Liberty Place - 46th Floor
Philadelphia, Pennsylvania 19103-7301

Street Address: WOODCOCK WASHBURN KURTZ
MACKIEWICZ & NORRIS LLP
One Liberty Place - 46th Floor
1650 Market Street
Philadelphia, Pennsylvania 19103-7301

6. Total number of applications and patents involved:

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

(X) Enclosed

() Authorized to be charged to Deposit Account
Number 23-3050

8. Please charge any deficiency or credit any
overpayment to Deposit Account Number 23-3050

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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 J. Swope, Esquire No. 38041

Date February 5, 1999

Total number of pages including cover sheet, attachments, and document: 4

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

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

4000 0P
02/11/1999 JMWTKINS 0000007 0921306
FC:501

PATENT

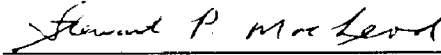
REEL: 9751 FRAME: 0061

ASSIGNMENT

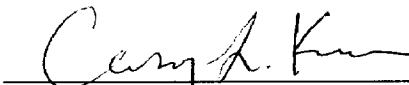
WHEREAS, we, **Stewart P. MacLeod, Casey L. Kiernan, and Manu Vasandani** (hereinafter referred to as ASSIGNORS), having post office addresses of **17032 NE 131st Place, Redmond, WA 98052; 1907 2nd Street, Kirkland, WA 98033 and 15524 NE 17th St, Apt. O-418, Bellevue, WA 98007**, respectively, are the joint inventors of an invention entitled **"GRAPHICAL QUERY ANALYZER"** as described and claimed in the specification forming part of an application for United States letter patent as filed on **December 16, 1998**, and assigned Serial No. 09/213,069:

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 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 purposes of protecting title to said invention or letters patent therefor.



Stewart P. MacLeod (L.S.)



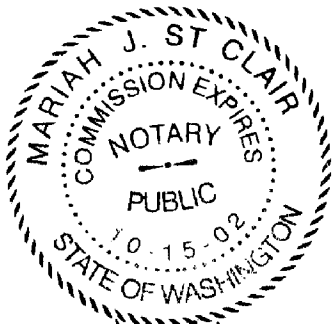
Casey L. Kiernan (L.S.)



Manu Vasandani (L.S.)

Redmond, Washington :
: SS
COUNTY OF King :

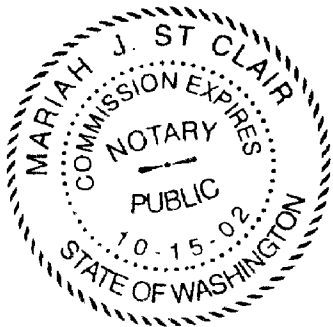
On this 27th day of January, 1999, before me personally came the above named Stewart P. MacLeod to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.



Mariah J St Clair
Notary Public

Redmond, Washington :
: SS
COUNTY OF King :

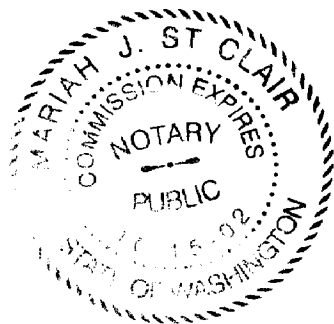
On this 27th day of January, 1999, before me personally came the above named Casey L. Kiernan to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.



Mariah J St Clair
Notary Public

Redmond, Washington :
: SS
COUNTY OF King :

On this 27th day of January, 1993, before me personally came the above
named Manu Vasandani to me personally known and known to me to be the same
individual who executed the foregoing assignment, and who acknowledged to me that execution of
the same was of that person's own free will for the use and purposes therein set forth.



Mariah J. St. Clair
Notary Public