

12-28-99

01-14-2000

RECORDATION
PAT



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101244456

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

1. Name of conveying party(ies):

Marc A. Smith and Steven M. Drucker

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

2

Additional name(s) of conveying party(ies) attached yes no

Name: Microsoft Corporation

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other (describe):

Business Address:
One Microsoft Way
Redmond, Washington 98052

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

Execution Date:

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)
09/392,468

B. Patent No.(s)

Additional numbers attached? Yes No

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

Mark M. Meininger
Ipsolon LLP
4370 NE Halsey Street
Portland Oregon 97213

6. Total number of applications and patents involved: 1

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

- Enclosed
- Any deficiencies are authorized to be charged to deposit account.

8. Deposit account number: 50-0241
(Attach duplicate copy of this page if paying by deposit account)

01/14/2000 DCORATES 00000030 09392468
40.00 DP
01 FC:581

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.

Name: Mark M. Meininger
Registration No. 32,428

Date: December 23, 1999

Total number of pages including cover sheet: 4

ASSIGNMENT

WHEREAS, we, Marc A. Smith and Steven M. Drucker (hereinafter referred to as ASSIGNORS), of, respectively, the Cities of Redmond and Bellevue, of the County of King and the State of Washington, are joint inventors of an invention entitled High Density Visualizations for Threaded Information, as described and claimed in the specification forming part of an application for United States letters patent filed September 9, 1999 and designated as Application No. 09/392,468;

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

ASSIGNMENT - PAGE 1 OF 3

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.

Executed at the place and date opposite our respective signatures below.

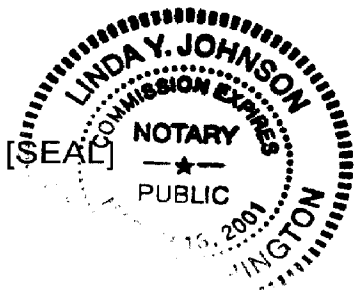
[Handwritten Signature]
Marc A. Smith

At Redmond, Washington

on this 6 day of December, 1999

STATE OF WASHINGTON)
) ss.
COUNTY OF KING)

This 6 day of December 1999, before me personally came the above-named Marc A. Smith, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



Linda Y. Johnson
Notary Public for Washington
My commission expires: 3-13-2001

[Handwritten Signature]

Steven M. Drucker

At Redmond, Washington

on this 6 day of December, 1999

STATE OF WASHINGTON)
)
) ss.
COUNTY OF KING)

This 6 day of December, 1999, before me personally came the above-named Steven M. Drucker, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

Linda Y. Johnson

Notary Public for Washington

My commission expires: 3-13-2001

