

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| Jacob Oshins | 06/19/2000 |
| Stephane G. Plante | 06/21/2000 |
| Andrew J. Thornton | 06/19/2000 |

RECEIVING PARTY DATA

| | |
|-----------------|-----------------------|
| Name: | Microsoft Corporation |
| Street Address: | One Microsoft Way |
| City: | Redmond |
| State/Country: | WASHINGTON |
| Postal Code: | 98052 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11114954 |

CORRESPONDENCE DATA

Fax Number: (801)328-1707

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: acroff@wnlaw.com

Correspondent Name: Rick D. Nydegger

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Address Line 4: Salt Lake City, UTAH 84108

ATTORNEY DOCKET NUMBER:

13768.783.293

NAME OF SUBMITTER:

Rick D. Nydegger

Total Attachments: 3

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PATENT

REEL: 018370 FRAME: 0723

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OP \$40.00 11114954

Michalik & Wylie, PLLC
14645 Bel-Red Road
Suite 103
Bellevue, WA 98007

ASSIGNMENT

WHEREAS, we, Jacob Oshins, Stephane G. Plante and Andrew J. Thornton (hereinafter referred to as ASSIGNORS), having post office addresses of 521 20th Avenue E., Seattle, Washington 98112, 12321 NE 100th Place, Kirkland, Washington 98033 and 4642 168th Court NE, Redmond, Washington 98052, respectively, are the joint inventors of an invention entitled "**Resource Translator in a Computer System**," as described and claimed in the specification forming part of an application for United States letters patent as filed on April 24, 2000, and assigned Serial Number 09/558,469;

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.

(Continued)

- 1 -

PATENT
REEL: 011071 FRAME: 0247

PATENT
REEL: 018370 FRAME: 0725

In witness whereof, we have set our hands on the dates shown below.

Date 6-19-00

Jacob Oshins
Jacob Oshins

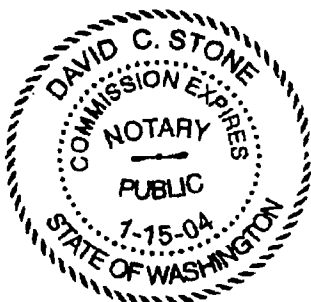
STATE OF WA

COUNTY OF KING

)
) SS:
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On this 19th day of June, 2000, before me, a Notary Public in and for said county, appeared Jacob Oshins, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he signed and delivered the document as his free and voluntary act for the uses and purposes therein set forth.

{SEAL}



David Stone
Notary Public

My Commission Expires: Jan 15 2004

Date June 21st / 2000

Stephane G. Plante
Stephane G. Plante

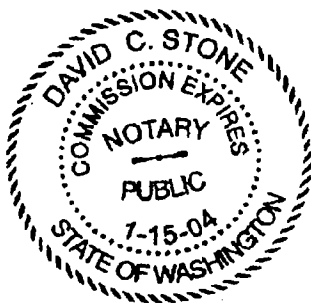
STATE OF WA

COUNTY OF King

)
) SS:
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On this 21st day of June, 2000, before me, a Notary Public in and for said county, appeared Stephane G. Plante, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he signed and delivered the document as his free and voluntary act for the uses and purposes therein set forth.

{SEAL}



David Stone
Notary Public

My Commission Expires: Jan 15 2004

Date 6/19/2000

STATE OF WA

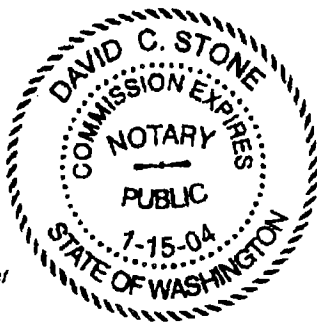
COUNTY OF King

Andrew J. Thornton
Andrew J. Thornton

) SS:
)

On this 19th day of June, 2000 before me, a Notary Public in and for said county, appeared Andrew J. Thornton, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he signed and delivered the document as his free and voluntary act for the uses and purposes therein set forth.

{SEAL}



David Stone
Notary Public

My Commission Expires: Jan 15 2004

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