



Atty Ref/Docket No.: 777.362US1

101599716

To the Honorable Commissioner of Patents and Trademark

or copy thereof.

1. Name of conveying party(ies):

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

Adrian Dumitru Corduneanu, Vinod K. Grover, Richard Emil Ladner,
Simon M. Meacham and Kevin James Zatloukal

Name: Microsoft Corporation

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

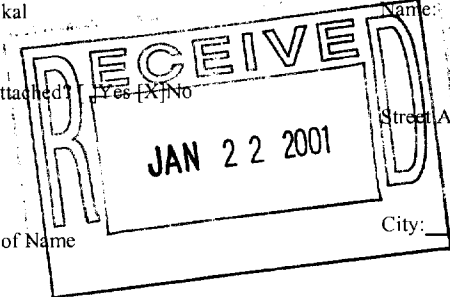
Street Address: One Microsoft Way

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

City: Redmond State: WA ZIP: 98052

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



Execution Date: 11/14/2000; 11/20/2000; 12/11/2000; 12/18/2000;
12/26/2000

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)

B. Patent No.(s)

Serial No. 09/578,774, filed May 25, 2000

Additional numbers attached? Yes No

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

Name: Bradley A. Forrest

Address: Schwegman, Lundberg, Woessner & Kluth, P.A.
P.O. Box 2938
Minneapolis, MN 55402

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our
Deposit account number: 19-0743

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.

Bradley A. Forrest/Reg. No. 30,837
Name of Person Signing

Bradley A. Forrest
Signature

1-17-2001

Date
Total number of pages including cover sheet: 17

OMB No. 0651-0011 (exp. 4/94)

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ASSIGNMENT

WHEREAS, we, Adrian Dumitru Corduneanu, Vinod K. Grover, Richard Emil Ladner, Simon M. Meacham and Kevin James Zatloukal (hereinafter referred to as ASSIGNORS), having post office addresses of 550 Memorial Drive, Apt. 18b-4, Cambridge, MA 02139, 4420 92nd Avenue SE, Mercer Island, WA 98040, 3408 NW 68th Street, Seattle, WA 98117, 4418 Woodlawn Avenue North, Seattle, WA 98103 and 15401 63rd Avenue NE, Kenmore, WA 98028 respectively, are the joint inventors of an invention entitled "STRUCTURE ORGANIZATION FOR IMPROVED CACHE PERFORMANCE", as described and claimed in the specification forming part of an application for United States letters patent filed May 25, 2000 and assigned serial number 09/578,774;

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

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2000.

Richard Emil Ladner

STATE OF _____)
)ss.
COUNTY OF _____)

On this ____ day of _____, 2000 before me personally appeared Richard Emil Ladner to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 20 day of November, 2000.

[Signature]
Simon M. Meacham

STATE OF WASHINGTON)
)ss.
COUNTY OF KING)

On this 20 day of NOVEMBER, 2000 before me personally appeared Simon M. Meacham to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

[Signature]
Notary Public



ASSIGNMENT

WHEREAS, we, Adrian Dumitru Corduneanu, Vinod K. Grover, Richard Emil Ladner, Simon M. Meacham and Kevin James Zatloukal (hereinafter referred to as ASSIGNORS), ^{60 WABSWORTH ST, APT 7A} ⁰²¹⁴² ^(AC) having post office addresses of ~~550 Memorial Drive, Apt. 18b-4~~ ^{550 Memorial Drive, Apt. 18b-4} Cambridge, MA ~~02139~~ ⁰²¹⁴², 4420 ^(AC) 92nd Avenue SE, Mercer Island, WA 98040, 3408 NW 68th Street, Seattle, WA 98117, 4418 Woodlawn Avenue North, Seattle, WA 98103 and 15401 63rd Avenue NE, Kenmore, WA 98028 respectively, are the joint inventors of an invention entitled "STRUCTURE ORGANIZATION FOR IMPROVED CACHE PERFORMANCE", as described and claimed in the specification forming part of an application for United States letters patent filed May 25, 2000 and assigned serial number 09/578,774;

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IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2000.

Richard Emil Ladner

STATE OF _____)
)ss.
COUNTY OF _____)

On this ____ day of _____, 2000 before me personally appeared Richard Emil Ladner to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2000.

Simon M. Meacham

STATE OF _____)
)ss.
COUNTY OF _____)

On this ____ day of _____, 2000 before me personally appeared Simon M. Meacham to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

ASSIGNMENT

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 18 day of December, 2000.

Richard Emil Ladner

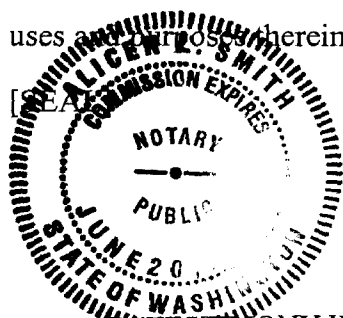
Richard Emil Ladner

STATE OF Washington)

)ss.

COUNTY OF King)

On this 18 day of December, 2000 before me personally appeared Richard Emil Ladner to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes herein set forth.



[Signature]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this ___ day of _____, 2000.

Simon M. Meacham

STATE OF _____)

)ss.

COUNTY OF _____)

On this ___ day of _____, 2000 before me personally appeared Simon M. Meacham to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2000.

Kevin James Zatloukal

STATE OF _____)

)ss.

COUNTY OF _____)

On this ____ day of _____, 2000 before me personally appeared Kevin James Zatloukal to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

ASSIGNMENT

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IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2000.

Adrian Dumitru Corduneanu

STATE OF _____)

)ss.

COUNTY OF _____)

On this ____ day of _____, 2000 before me personally appeared Adrian Dumitru Corduneanu to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2000.

Vinod K. Grover

STATE OF _____)

)ss.

COUNTY OF _____)

On this ____ day of _____, 2000 before me personally appeared Vinod K. Grover to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2000.

Richard Emil Ladner

STATE OF _____)
)ss.
COUNTY OF _____)

On this ____ day of _____, 2000 before me personally appeared Richard Emil Ladner to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2000.

Simon M. Meacham

STATE OF _____)
)ss.
COUNTY OF _____)

On this ____ day of _____, 2000 before me personally appeared Simon M. Meacham to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

