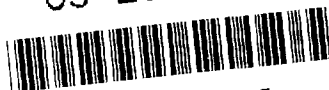


09-20-2001



101850523

To the Honorable Commissioner of Patent, Trademarks: Please record the attached original documents or copy thereof

1. Name of Conveying Party(ies):

William Michael Zintel
Amar S. Gandhi
Ye Gu

94721

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

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

Name: Microsoft Corporation
Internal Address:
Street Address: One Microsoft Way
City: Redmond State: WA Zip: 98052

Additional names(s) & address(es) attached: Yes No

3. Nature of conveyance:

- Assignment Security Agreement
- Merger Change of Name
- Other

Execution Date: 6/18/01; 6/19/01; 6/30/01; 7/27/01; 6/24/01;
6/22/01; 9/6/01

SEP 17 2001

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):

09/811,236

Additional numbers attached: Yes No

B. Patent No.(s)

Additional numbers attached: Yes No

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

Name: Lewis C. Lee
Internal Address: Lee & Hayes, PLLC
Street Address: 421 W. Riverside Ave
Suite 500
City: Spokane State: WA Zip: 99201

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. Deposit account number:

09/19/2001 DBYRNE 00000271 09811236

01 FC:581

40.00 00

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.

Lewis C. Lee

Name of Person Signing #34,656

Signature

Sept. 10, 2001
Date

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

Continuation of

Box 1: Name of Conveying Party(ies):

Paul J. Leach
Ting Cai
Holly N. Knight
Peter S. Ford

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number.....09/811,236
Filing Date 03/16/2001
Inventorship.....Zintel et al.
Applicant Microsoft Corporation
Attorney's Docket No.MS1-740US
Title: XML-Based Language Description for Controlled Devices

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

William Michael Zintel
7122 NE 188th Ct.
Kenmore, WA 98028

Amar S. Gandhi
7719 151st Avenue NE
Redmond, WA 98052

Ye Gu
2351 42nd Avenue E
Seattle, WA 98112

Paul J. Leach
1134 Federal Ave. East
Seattle, WA 98102

Ting Cai
15242 NE 72nd St.
Redmond, WA 98052

Holly N. Knight
17413 155th Pl NE
Woodinville, WA 98072

Peter S. Ford
31422 NE 108th St
Carnation, WA 98014

Assignee:

Microsoft Corporation
Corporation in the State of Washington
One Microsoft Way
Redmond, WA 98052

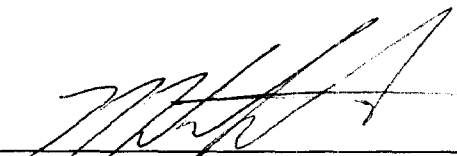
AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "XML-Based Language Description for Controlled Devices," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

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, ASSIGNOR(S) hereby sell, assign and transfer unto 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 ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) 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.

June 18/2001
Date



William Michael Zintel

Date

Amar S. Gandhi

Date

Ye Gu

Date

Paul J. Leach

Date

Ting Cai

Date

Holly N. Knight

Date

Peter S. Ford

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number.....09/811,236
Filing Date 03/16/2001
Inventorship Zintel et al.
Applicant Microsoft Corporation
Attorney's Docket No. MS1-740US
Title: XML-Based Language Description for Controlled Devices

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

William Michael Zintel
7122 NE 188th Ct.
Kenmore, WA 98028

Amar S. Gandhi
7719 151st Avenue NE
Redmond, WA 98052

Ye Gu
2351 42nd Avenue E
Seattle, WA 98112

Paul J. Leach
1134 Federal Ave. East
Seattle, WA 98102

Ting Cai
15242 NE 72nd St.
Redmond, WA 98052

Holly N. Knight
17413 155th Pl NE
Woodinville, WA 98072

Peter S. Ford
31422 NE 108th St
Carnation, WA 98014

Assignee:

Microsoft Corporation
Corporation in the State of Washington
One Microsoft Way
Redmond, WA 98052

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "XML-Based Language Description for Controlled Devices," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

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;

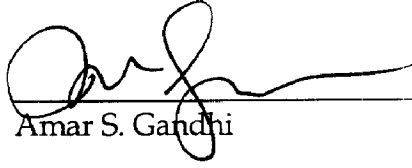
NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted 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 ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) 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.

Date

William Michael Zintel

June 14 2001.

Date



Amar S. Gandhi

Date

Ye Gu

Date

Paul J. Leach

Date

Ting Cai

Date

Holly N. Knight

Date

Peter S. Ford

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number.....09/811,236
Filing Date 03/16/2001
Inventorship.....Zintel et al.
Applicant..... Microsoft Corporation
Attorney's Docket No.MS1-740US
Title: XML-Based Language Description for Controlled Devices

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

William Michael Zintel
7122 NE 188th Ct.
Kenmore, WA 98028

Amar S. Gandhi
7719 151st Avenue NE
Redmond, WA 98052

Ye Gu
2351 42nd Avenue E
Seattle, WA 98112

Paul J. Leach
1134 Federal Ave. East
Seattle, WA 98102

Ting Cai
15242 NE 72nd St.
Redmond, WA 98052

Holly N. Knight
17413 155th Pl NE
Woodinville, WA 98072

Peter S. Ford
31422 NE 108th St
Carnation, WA 98014

Assignee:

Microsoft Corporation
Corporation in the State of Washington
One Microsoft Way
Redmond, WA 98052

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "XML-Based Language Description for Controlled Devices," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

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, ASSIGNOR(S) hereby sell, assign and transfer unto 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 ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) 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.

Date

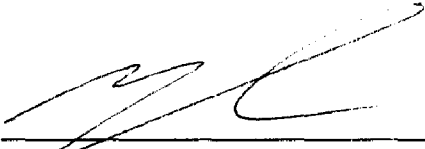
William Michael Zintel

Date

Amar S. Gandhi

6/30/2001

Date



Ye Gu

Date

Paul J. Leach

Date

Ting Cai

Date

Holly N. Knight

Date

Peter S. Ford

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number.....09/811,236
Filing Date 03/16/2001
Inventorship.....Zintel et al.
Applicant Microsoft Corporation
Attorney's Docket No.MS1-740US
Title: XML-Based Language Description for Controlled Devices

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

William Michael Zintel
7122 NE 188th Ct.
Kenmore, WA 98028

Amar S. Gandhi
7719 151st Avenue NE
Redmond, WA 98052

Ye Gu
2351 42nd Avenue E
Seattle, WA 98112

Paul J. Leach
1134 Federal Ave. East
Seattle, WA 98102

Ting Cai
15242 NE 72nd St.
Redmond, WA 98052

Holly N. Knight
17413 155th Pl NE
Woodinville, WA 98072

Peter S. Ford
31422 NE 108th St
Carnation, WA 98014

Assignee:

Microsoft Corporation
Corporation in the State of Washington
One Microsoft Way
Redmond, WA 98052

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "XML-Based Language Description for Controlled Devices," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

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, ASSIGNOR(S) hereby sell, assign and transfer unto 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 ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) 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.

Date

William Michael Zintel

Date

Amar S. Gandhi

Date

Ye Gu

Date 7-27-2001

Paul J. Leach
Paul J. Leach

Date

Ting Cai

Date

Holly N. Knight

Date

Peter S. Ford

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number.....09/811,236
Filing Date 03/16/2001
Inventorship.....Zintel et al.
Applicant..... Microsoft Corporation
Attorney's Docket No.MS1-740US
Title: XML-Based Language Description for Controlled Devices

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

William Michael Zintel
7122 NE 188th Ct.
Kenmore, WA 98028

Amar S. Gandhi
7719 151st Avenue NE
Redmond, WA 98052

Ye Gu
2351 42nd Avenue E
Seattle, WA 98112

Paul J. Leach
1134 Federal Ave. East
Seattle, WA 98102

Ting Cai
15242 NE 72nd St.
Redmond, WA 98052

Holly N. Knight
17413 155th Pl NE
Woodinville, WA 98072

Peter S. Ford
31422 NE 108th St
Carnation, WA 98014

Assignee:

Microsoft Corporation
Corporation in the State of Washington
One Microsoft Way
Redmond, WA 98052

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "XML-Based Language Description for Controlled Devices," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

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, ASSIGNOR(S) hereby sell, assign and transfer unto 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 ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) 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.

Date

William Michael Zintel

Date

Amar S. Gandhi

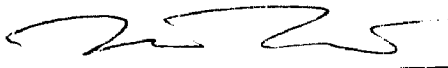
Date

Ye Gu

Date

Paul J. Leach

6/24/2001
Date



Ting Cai

Date

Holly N. Knight

Date

Peter S. Ford

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number09/811,236
Filing Date 03/16/2001
InventorshipZintel et al.
Applicant Microsoft Corporation
Attorney's Docket No. MS1-740US
Title: XML-Based Language Description for Controlled Devices

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

William Michael Zintel
7122 NE 188th Ct.
Kenmore, WA 98028

Amar S. Gandhi
7719 151st Avenue NE
Redmond, WA 98052

Ye Gu
2351 42nd Avenue E
Seattle, WA 98112

Paul J. Leach
1134 Federal Ave. East
Seattle, WA 98102

Ting Cai
15242 NE 72nd St.
Redmond, WA 98052

Holly N. Knight
17413 155th Pl NE
Woodinville, WA 98072

Peter S. Ford
31422 NE 108th St
Carnation, WA 98014

Assignee:

Microsoft Corporation
Corporation in the State of Washington
One Microsoft Way
Redmond, WA 98052

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "XML-Based Language Description for Controlled Devices," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

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, ASSIGNOR(S) hereby sell, assign and transfer unto 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 ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) 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.

Date

William Michael Zintel

Date

Amar S. Gandhi

Date

Ye Gu

Date


Paul J. Leach

Date

Ting Cai

6-22-2001

Date



Holly N. Knight

Date

Peter S. Ford

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number.....09/811,236
Filing Date 03/16/2001
Inventorship.....Zintel et al.
Applicant..... Microsoft Corporation
Attorney's Docket No.MS1-740US
Title: XML-Based Language Description for Controlled Devices

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

William Michael Zintel
7122 NE 188th Ct.
Kenmore, WA 98028

Amar S. Gandhi
7719 151st Avenue NE
Redmond, WA 98052

Ye Gu
2351 42nd Avenue E
Seattle, WA 98112

Paul J. Leach
1134 Federal Ave. East
Seattle, WA 98102

Ting Cai
15242 NE 72nd St.
Redmond, WA 98052

Holly N. Knight
17413 155th Pl NE
Woodinville, WA 98072

Peter S. Ford
31422 NE 108th St
Carnation, WA 98014

Assignee:

Microsoft Corporation
Corporation in the State of Washington
One Microsoft Way
Redmond, WA 98052

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "XML-Based Language Description for Controlled Devices," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

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, ASSIGNOR(S) hereby sell, assign and transfer unto 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 ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) 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.

Date

William Michael Zintel

Date

Amar S. Gandhi

Date

Ye Gu

Date

Paul J. Leach

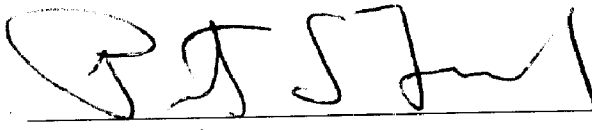
Date

Ting Cai

Date

Holly N. Knight

6 Aug 2001
Date


Peter S. Ford