PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Miangqiang Xu	12/22/2010
Jun Su	12/23/2010
Gregory M. Burgess	12/22/2010
Tianchi Ma	12/27/2010
Salim Alam	12/21/2010
Rich Ciapala	12/28/2010

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:	13026218

CORRESPONDENCE DATA

Fax Number: (425)936-7329

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

Phone: 425-707-2290
Email: dbouton@microsoft.com
Correspondent Name: Dianne Bouton
Address Line 1: One Microsoft Way
Address Line 2: Patent Group Docketing Dept
Address Line 4: Redmond, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	331221.01

501490365

CH $40.00 13026218

**PATENT
REEL: 026073 FRAME: 0485**

NAME OF SUBMITTER:	Garyma Saksena

Total Attachments: 15
source=331221-01-Executed-Assignment#page1.tif
source=331221-01-Executed-Assignment#page2.tif
source=331221-01-Executed-Assignment#page3.tif
source=331221-01-Executed-Assignment#page4.tif
source=331221-01-Executed-Assignment#page5.tif
source=331221-01-Executed-Assignment#page6.tif
source=331221-01-Executed-Assignment#page7.tif
source=331221-01-Executed-Assignment#page8.tif
source=331221-01-Executed-Assignment#page9.tif
source=331221-01-Executed-Assignment#page10.tif
source=331221-01-Executed-Assignment#page11.tif
source=331221-01-Executed-Assignment#page12.tif
source=331221-01-Executed-Assignment#page13.tif
source=331221-01-Executed-Assignment#page14.tif
source=331221-01-Executed-Assignment#page15.tif

I/WE, Mingqiang Xu, Jun Su, Gregory M. Burgess, Tianchi Ma, Salim Alam, and Rich Ciapala ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Multilevel Multipath Widely Distributed Computational Node Scenarios" ("APPLICATION"), which:

[X] will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, United States, who are associated with customer number 69316, to insert here in parenthesis (Application No. 13/026218, filed 02/12/2011) this APPLICATION's Application No. and filing date, when known;

[ ] was filed on _____ and was given Application No. _____;

[ ] is filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES");

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Mingqiang Xu   12/22/2010

Inventor's Signature   Date

Mingqiang Xu   Printed Name in Native Language (if other than English)
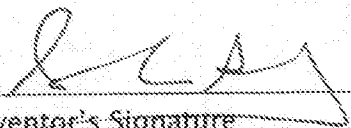
Inventor's Signature   Date

Jun Su   Printed Name in Native Language (if other than English)

Inventor's Signature   Date

Gregory M. Burgess   Printed Name in Native Language (if other than English)

Inventor's Signature   Date

Tianchi Ma   Printed Name in Native Language (if other than English)

_____   12/21/2010
Inventor's Signature   Date

                                   SALIM ALAM
_____   _____
Salim Alam   Printed Name in Native Language (if
                                   other than English)

_____   _____
Inventor's Signature   Date

_____   _____
Rich Ciapala   Printed Name in Native Language (if
                                   other than English)

I/WE, Mingqiang Xu, Jun Su, Gregory M. Burgess, Tianchi Ma, Salim Alam, and Rich Ciapala ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Multilevel Multipath Widely Distributed Computational Node Scenarios" ("APPLICATION"), which:

    ☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, United States, who are associated with customer number 69316, to insert here in parenthesis (Application No. 13/026218, filed 02/12/2011) this APPLICATION's Application No. and filing date, when known;

    ☐ was filed on _____ and was given Application No. _____;

    ☐ is filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES");

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

_____	_____
Inventor's Signature	Date
_____	_____
Mingqiang Xu	Printed Name in Native Language (if other than English)

_____	_____
Inventor's Signature	Date
_____	_____
Jun Su	Printed Name in Native Language (if other than English)

_____	_____
Inventor's Signature	Date
_____	_____
Gregory M. Burgess	Printed Name in Native Language (if other than English)

_____	_____
Inventor's Signature	Date
_____	_____
Tianchi Ma	Printed Name in Native Language (if other than English)

_____   _____
Inventor's Signature   Date

_____   _____
Salim Alam   Printed Name in Native Language (if
                                   other than English)

_____   12/28/10
Inventor's Signature   _____
                                   Date

                                   Rich Ciapala
_____   _____
Rich Ciapala   Printed Name in Native Language (if
                                   other than English)

I/WE, Mingqiang Xu, Jun Su, Gregory M. Burgess, Tianchi Ma, Salim Alam, and Rich Ciapala ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Multilevel Multipath Widely Distributed Computational Node Scenarios" ("APPLICATION"), which:

[X] will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, United States, who are associated with customer number 69316, to insert here in parenthesis (Application No. 13/026218, filed 02/12/2011) this APPLICATION's Application No. and filing date, when known;

☐ was filed on _____ and was given Application No. _____;

☐ is filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES");

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

PATENT
REEL: 026073 FRAME: 0493

Inventor's Signature

Date

Mingqiang Xu

Printed Name in Native Language (if other than English)

Inventor's Signature

Date

Jun Su

Printed Name in Native Language (if other than English)

Inventor's Signature

Date

Gregory M. Burgess

Printed Name in Native Language (if other than English)

Inventor's Signature

12/27/2010

Date

Tianchi Ma

马天驰

Tianchi Ma

Printed Name in Native Language (if other than English)

**PATENT
REEL: 026073 FRAME: 0494**

_____	_____
Inventor's Signature	Date
_____	_____
Salim Alam	Printed Name in Native Language (if other than English)

_____	_____
Inventor's Signature	Date
_____	_____
Rich Ciapala	Printed Name in Native Language (if other than English)

**PATENT
REEL: 026073 FRAME: 0495**

I/WE, Mingqiang Xu, Jun Su, Gregory M. Burgess, Tianchi Ma, Salim Alam, and Rich Ciapala ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Multilevel Multipath Widely Distributed Computational Node Scenarios" ("APPLICATION"), which:

[X] will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, United States, who are associated with customer number 69316, to insert here in parenthesis (Application No. 13/026218, filed 02/12/2011) this APPLICATION's Application No. and filing date, when known;

[ ] was filed on _____ and was given Application No. _____;

[ ] is filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES");

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature   Date

Mingqiang Xu   Printed Name in Native Language (if
                                        other than English)

Jun Su   14/2/2010

Inventor's Signature   Date

                                       苏 骏

Jun Su   Printed Name in Native Language (if
                                        other than English)

Inventor's Signature   Date

Gregory M. Burgess   Printed Name in Native Language (if
                                        other than English)

Inventor's Signature   Date

Tianchi Ma   Printed Name in Native Language (if
                                        other than English)

_____	_____
Inventor's Signature	Date
_____	_____
Salim Alam	Printed Name in Native Language (if other than English)

_____	_____
Inventor's Signature	Date
_____	_____
Rich Ciapala	Printed Name in Native Language (if other than English)

**PATENT
REEL: 026073 FRAME: 0498**

I/WE, Mingqiang Xu, Jun Su, Gregory M. Burgess, Tianchi Ma, Salim Alam, and Rich Ciapala ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Multilevel Multipath Widely Distributed Computational Node Scenarios" ("APPLICATION"), which:

    ☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, United States, who are associated with customer number 69316, to insert here in parenthesis (Application No. 13/026218, filed 02/12/2011) this APPLICATION's Application No. and filing date, when known;

    ☐ was filed on _____ and was given Application No. _____;
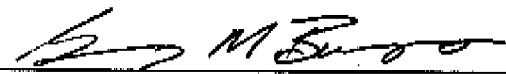
    ☐ is filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES");

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

PATENT
REEL: 026073 FRAME: 0499

_____

Inventor's Signature

Date

Mingqiang Xu

Printed Name in Native Language (if other than English)

_____

Inventor's Signature

Date

Jun Su

Printed Name in Native Language (if other than English)

_____

Inventor's Signature

Date 12-22-2010

Gregory M. Burgess

Printed Name in Native Language (if other than English)

_____

Inventor's Signature

Date

Tianchi Ma

Printed Name in Native Language (if other than English)

_____	_____
Inventor's Signature	Date
_____	_____
Salim Alam	Printed Name in Native Language (if other than English)

_____	_____
Inventor's Signature	Date
_____	_____
Rich Ciapala	Printed Name in Native Language (if other than English)

PATENT
REEL: 026073 FRAME: 0501