# PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3735842

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|---|---|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

## CONVEYING PARTY DATA

| Name | Execution Date |
|---|---|
| CHUANXIONG GUO | 03/25/2009 |
| GUOHAN LV | 03/25/2009 |
| DAN LI | 03/25/2009 |
| HAITAO WU | 03/25/2009 |
| YONGGUANG ZHANG | 03/25/2009 |
| YUNFENG SHI | 03/27/2009 |
| DANFENG ZHANG | 03/27/2009 |
| SONGWU LU | 07/13/2009 |

## 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: | 15040819 |

## CORRESPONDENCE DATA

**Fax Number:**        (509)323-8979

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Phone:**        5093249256
**Email:**        cherri@leehayes.com
**Correspondent Name:**        LEE & HAYES, PLLC
**Address Line 1:**        601 WEST RIVERSIDE
**Address Line 2:**        SUITE 1400
**Address Line 4:**        SPOKANE, WASHINGTON 99201

| ATTORNEY DOCKET NUMBER: | MS1-3848USC2 |
|---|---|
| NAME OF SUBMITTER: | CHERRI A. SIMON |
| SIGNATURE: | /Cherri A. Simon/ |

| DATE SIGNED: | 02/11/2016 |
|---|---|

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FEBRUARY 4, 2016

PTAS

LEE & HAYES, PLLC
601 W. RIVERSIDE AVENUE STE 1400
SPOKANE, WA 99201

**503677968**

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1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 02/03/2016          REEL/FRAME: 037655/0343
                                      NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER:    MS1-3848USC1

ASSIGNOR:
  GUO, CHUANXIONG                     DOC DATE: 03/25/2009

ASSIGNOR:
  LV, GUOHAN                          DOC DATE: 03/25/2009

ASSIGNOR:
  LI, DAN                             DOC DATE: 03/25/2009

ASSIGNOR:
  WU, HAITAO                          DOC DATE: 03/25/2009

ASSIGNOR:
  ZHANG, YONGGUANG                    DOC DATE: 03/25/2009

ASSIGNOR:
  SHI, YUNFENG                        DOC DATE: 03/27/2009

ASSIGNOR:
  ZHANG, DANFENG                      DOC DATE: 03/27/2009

ASSIGNOR:
  LU, SONGWU                          DOC DATE: 07/13/2009

ASSIGNEE:
  MICROSOFT CORPORATION
  ONE MICROSOFT WAY
  REDMOND, WASHINGTON 98052

APPLICATION NUMBER: 13273143        FILING DATE: 10/13/2011
PATENT NUMBER:                      ISSUE DATE:
TITLE:  SERVER-CENTRIC HIGH PERFORMANCE NETWORK ARCHITECTURE FOR MODULAR
        DATA CENTERS


ASSIGNMENT RECORDATION BRANCH
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United States Patent and Trademark Office

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**PROPERTY NUMBERS  Total: 1**

PATENT
REEL: 037718 FRAME: 0942

| Property Type | Number |
|---|---|
| Application Number: | 13273143 |

## CORRESPONDENCE DATA

Fax Number:          (509)323-8979
Phone:               509-324-9256
Email:               saybram@leehayes.com

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Correspondent Name:   LEE & HAYES, PLLC
Address Line 1:       601 W. RIVERSIDE AVENUE STE 1400
Address Line 4:       SPOKANE, WASHINGTON 99201

| ATTORNEY DOCKET NUMBER: | MS1-3848USC1 |
|---|---|
| NAME OF SUBMITTER: | SAYBRA MORRIS |
| Signature: | /Saybra Morris/ |
| Date: | 02/03/2016 |

**Total Attachments: 6**
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EPAS ID:          PAT3724604
Receipt Date:     02/03/2016

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**PATENT**
**REEL: 037718 FRAME: 0943**

## PATENT ASSIGNMENT

WE, Chuanxiong Guo, Guohan Lu, Dan Li, Haitao Wu, Yunfeng Shi, Danfeng Zhang, Yongguang Zhang, and Songwu Lu ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SERVER-CENTRIC HIGH PERFORMANCE NETWORK ARCHITECTURE FOR MODULAR DATA CENTERS" ("APPLICATION"), which:

 ☐ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Lee & Hayes, PLLC, 601 W. Riverside Avenue, Suite 1400, Spokane, Washington 99201, who are associated with customer number 22801, to insert here in parenthesis (Application No. 12/351,355 , filed 1/9/2009 ) this APPLICATION's Application No. and filing date, when known;

 ☒ was filed on 1/9/2009 and was given Application No. 12/351,355

 ☐ 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"));
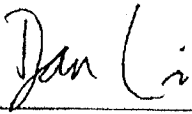
 For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);
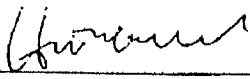
 ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

| | | |
|---|---|---|
| *Chuanx'ong Guo* | *March 25 2009* | Chuanxiong Guo |
| Inventor's Signature | Date | Printed Name in Native Language |
| *Guohan Lu* | *March 25 2009* | Guohan Lu |
| Inventor's Signature | Date | Printed Name in Native Language |

**PATENT
REEL: 037718 FRAME: 0944**

## PATENT ASSIGNMENT

_____        3. 25. 2009        _____ Dan Li
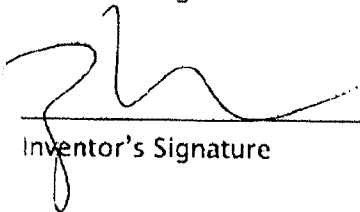Inventor's Signature           Date                Printed Name in Native Language

_____        March 25, 2009      _____ Haitao Wu
Inventor's Signature           Date                Printed Name in Native Language

_____        _____        _____ Yunfeng Shi
Inventor's Signature           Date                Printed Name in Native Language

_____        _____        _____ Danfeng Zhang
Inventor's Signature           Date                Printed Name in Native Language

_____        3/25/09             _____ Yongguang Zhang
Inventor's Signature           Date                Printed Name in Native Language

_____        _____        _____ Songwu Lu
Inventor's Signature           Date                Printed Name in Native Language

# PATENT ASSIGNMENT

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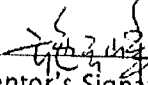
_____
Chuanxiong Guo
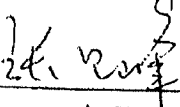Inventor's Signature       Date        Printed Name in Native Language


_____
Guohan Lu
Inventor's Signature       Date        Printed Name in Native Language

PATENT
REEL: 037718 FRAME: 0946

## PATENT ASSIGNMENT

_____ Dan Li
Inventor's Signature           Date         Printed Name in Native Language

_____ Haitao Wu
Inventor's Signature           Date         Printed Name in Native Language

_____ 2009. 3. 2] _____ Yunfeng Shi
Inventor's Signature           Date         Printed Name in Native Language

_____ 2009.3.2] _____ Danfeng Zhang
Inventor's Signature           Date         Printed Name in Native Language

_____ Yongquang Zhang
Inventor's Signature           Date         Printed Name in Native Language

_____ Songwu Lu
Inventor's Signature           Date         Printed Name in Native Language

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| | | Chuanxiong Guo |
|---|---|---|
| Inventor's Signature | Date | Printed Name in Native Language |

| | | Guohan Lu |
|---|---|---|
| Inventor's Signature | Date | Printed Name in Native Language |

_____       Dan Li

Inventor's Signature       Date       Printed Name in Native Language

_____       Haitao Wu

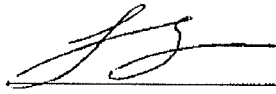Inventor's Signature       Date       Printed Name in Native Language

_____       Yunfeng Shi

Inventor's Signature       Date       Printed Name in Native Language

_____       Danfeng Zhang

Inventor's Signature       Date       Printed Name in Native Language

_____       Yongguang Zhang

Inventor's Signature       Date       Printed Name in Native Language

_____ 7-13/2009 _____       Songwu Lu

Inventor's Signature       Date       Printed Name in Native Language