

Form PTO-1593 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE  
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# **RECORDATION FORM COVER SHEET PATENTS ONLY**

MS1 - 3601US

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

James R Hamilton 1/16/08

Rebecca A. Norlander 3/17/08

Michael J Manos 02/16/08

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) Listed in Box 1 above.

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other**2. Name and address of receiving party(ies)**Name: Microsoft Corporation

Internal Address: \_\_\_\_\_

Street Address: One Microsoft WayCity: RedmondState: WACountry: \_\_\_\_\_ Zip: 98052Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No.(s)

12/050,783

filed

3/18/2008

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Lee & Hayes, PLLC

Internal Address: \_\_\_\_\_

Street Address: 421 W Riverside Ave, Ste 500City: SpokaneState: WA Zip: 99201Phone Number: 509-324-9256Fax Number: 509-323-8979

Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**☒ Authorized to be charged by credit card☐ Authorized to be charged to deposit account☐ Enclosed☐ None required (government interest not affecting title)**8. Payment Information**a. Credit Card Last 4 Numbers 1109  
Expiration Date 06/11

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

Signature

Date

Brian J. Pangre

Reg # 42973

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 9

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

OP \$40.00 12050783

Recordation Form Cover Sheet  
Additional Pages

MS1 - 3601US

Patent Application No

Patent No.

12/050,783      filed      3/18/2008

<u>Name of Conveying Parties</u>	<u>Execution Date</u>
----------------------------------	-----------------------

Feng Zhao

02/22/08

David R. Treadwell, III

01/15/08

Behrooz Chitsaz

01/21/08

JAN-16-2008 11:31A FROM:

MS Docket No. 321081.01  
(OC Docket No. MS1-3601US)**PATENT ASSIGNMENT**

I/WE, James R Hamilton, Rebecca A. Norlander, Michael J Manos, Feng Zhao, David R. Treadwell, III, Behrooz Chitsaz, ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Resource Equalization for Inter- and Intra- Data Center Operations" ("APPLICATION"), which:

- ☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Lee & Hayes, PLLC, 421 W. Riverside Avenue, Suite 500, Spokane, Washington 99201, who are associated with customer number 22801, to insert here in parenthesis (U.S. Serial No. 12/050,783 filed <sup>03/18/2008</sup>) this APPLICATION's U.S. Serial Number and filing date, when known;
- ☐ was filed on and was given U.S. Serial 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).

DATE

1/16/2008

James R Hamilton

DATE

Rebecca A. Norlander

DATE

Michael J Manos

DATE

Feng Zhao

MS Docket No. 321081.01  
(OC Docket No. MS1-3601US)

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DATE

*MARCH 17, 2008*

DATE

DATE

DATE

James R Hamilton

*Rebecca A. Norlander*  
Rebecca A. Norlander

Michael J Manos

Feng Zhao

FEB-19-2008 03:39P FROM:

MS Docket No. 321081.01  
(QC Docket No. MS1-3601US)PATENT ASSIGNMENT

I/WE, James R Hamilton, Rebecca A. Norlander, Michael J Manos, Feng Zhao, David R. Treadwell, III, Behrooz Chitsaz, ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Resource Equalization for Inter- and Intra- Data Center Operations" ("APPLICATION"), which:

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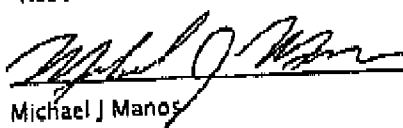
DATE

James R Hamilton

DATE

Rebecca A. Norlander

DATE

  
Michael J Manos

DATE

Feng Zhao

FEB-22-2008 04:06P FROM:

MS Docket No. 321081.01  
(OC Docket No. MS1-3601US)PATENT ASSIGNMENT

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DATE

James R Hamilton

DATE

Rebecca A. Norlander

DATE

Michael J Manos

DATE

Feb 22, 2008

Feng Zhao

PAGE.03

MS Docket No. 321081.01  
(OC Docket No. MS1-3601US)

1/15/08

DATE

*David R. Treadwell, III*

David R. Treadwell, III

DATE

Behrooz Chitsaz

JAN 21 2008 18:01

PAGE 06

M5 Docket No. 321081.01  
(OC Docket No. MS1-3601US)

DATE

Jan 21, 2008  
DATE

David R. Treadwell, III

  
~~Behrooz Ghisaz~~