

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jeremy P. Condit</td> <td>07/10/2009</td> </tr> <tr> <td>Edmund B. Nightingale</td> <td>07/10/2009</td> </tr> <tr> <td>Benjamin C. Lee</td> <td>07/10/2009</td> </tr> <tr> <td>Engin Ipek</td> <td>07/10/2009</td> </tr> <tr> <td>Christopher Frost</td> <td>07/10/2009</td> </tr> <tr> <td>Douglas C Burger</td> <td>07/10/2009</td> </tr> </tbody> </table>		Name	Execution Date	Jeremy P. Condit	07/10/2009	Edmund B. Nightingale	07/10/2009	Benjamin C. Lee	07/10/2009	Engin Ipek	07/10/2009	Christopher Frost	07/10/2009	Douglas C Burger	07/10/2009
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RECEIVING PARTY DATA															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Microsoft Corporation</td> </tr> <tr> <td>Street Address:</td> <td>One Microsoft Way</td> </tr> <tr> <td>City:</td> <td>Redmond</td> </tr> <tr> <td>State/Country:</td> <td>WASHINGTON</td> </tr> <tr> <td>Postal Code:</td> <td>98052</td> </tr> </table>		Name:	Microsoft Corporation	Street Address:	One Microsoft Way	City:	Redmond	State/Country:	WASHINGTON	Postal Code:	98052				
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PROPERTY NUMBERS Total: 1															
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CORRESPONDENCE DATA															
<p>Fax Number: (509)323-8979</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 512-505-8162</p> <p>Email: carly@leehayes.com</p> <p>Correspondent Name: Carly Taylor</p> <p>Address Line 1: 601 West Riverside</p> <p>Address Line 2: Suite 1400</p> <p>Address Line 4: Spokane, WASHINGTON 99201</p>															
ATTORNEY DOCKET NUMBER:	MS1-4813US														

OP \$40.00 12503480

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PATENT
REEL: 023253 FRAME: 0260

NAME OF SUBMITTER:

Carly Taylor

Total Attachments: 6

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**RECORDATION FORM COVER SHEET
PATENTS ONLY**

MS1 - 4813US

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)

Jeremy P. Condit July 10, 2009

Edmund B. Nightingale July 10, 2009

Benjamin C. Lee July 10, 2009

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 Way

City: Redmond

State: WA

Country: USA

Zip: 98052

Additional 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)

12/503,480 filed 7/15/2009

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: 601 W Riverside Ave Ste 1400

City: Spokane

State: WA Zip: 99201

Phone Number: 509-324-9256

Fax 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 2073
Expiration Date 06/2011

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

/Emmanuel A. Rivera/

Signature

September 17, 2009

Date

Emmanuel A. Rivera Reg # 45760

Name of Person Signing

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

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

Recordation Form Cover Sheet
Additional Pages

MS1 - 4813US

Patent Application No

Patent No.

12/503,480 filed 7/15/2009

Name of Conveying Parties

Execution Date

Engin Ipek

July 10, 2009

Christopher Frost

July 13, 2009

Douglas C. Burger

July 10, 2009

PATENT ASSIGNMENT

MS Docket No.: 327602.01
(DC Docket No.: M51-481305)

WE, Jeremy P. Condit, Edmund B. Nightingale, Benjamin Lee, Engin Ipek, Christopher Frost, and Doug Burger, ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Hardware and Operating System Support for Persistent Memory On A Memory Bus" ("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. 12/503,480, filed July 15, 2009) this APPLICATION's Application No. and filing date, when known;


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

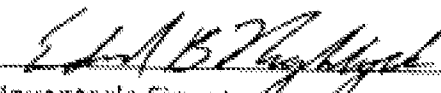
☐ is filed concurrently herewith;

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);

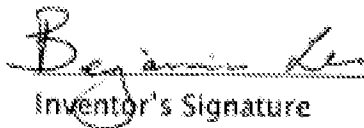
ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

 7/10/09 Jeremy P. Condit
Inventor's Signature Date Printed Name in Native Language

 7/10/09 Edmund B. Nightingale
Inventor's Signature Date Printed Name in Native Language

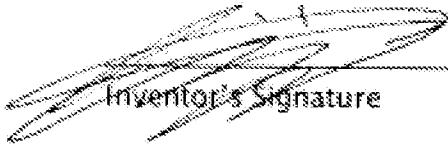
PATENT ASSIGNMENT

MS Docket No.: 327602.01
(OC Docket No.: M51-4813US)


Inventor's Signature

7/10/2009
Date

Benjamin Lee
Printed Name in Native Language


Inventor's Signature

07/10/09
Date

Engin Ipek
Printed Name in Native Language

Inventor's Signature

Date

Christopher Frost
Printed Name in Native Language


Inventor's Signature

7/10/09
Date

Doug Burger
Printed Name in Native Language

PATENT ASSIGNMENT

MS Docket No.: 327502.01
(DC Docket No.: MS1-451305)

WE, Jeremy P. Condit, Edmund B. Nightingale, Benjamin Lee, Engin Ipek, Christopher Frost, and Doug Burger, ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Hardware and Operating System Support for Persistent Memory On A Memory Bus" ("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. 12/503,490, filed July 15, 2008) 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"));

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Inventor's Signature	Date	Printed Name in Native
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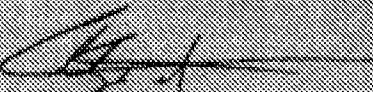
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Inventor's Signature	Date	Printed Name in Native
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PATENT ASSIGNMENT

US Docket No. 327602.01
IPC Docket No. 327602.01


Inventor's Signature
Language

7/13/2009
Date

Christopher Frost
Printed Name in Native

Inventor's Signature
Language

Date

Doug Burger
Printed Name in Native