

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Charles P. Thacker</td> <td>01/18/2012</td> </tr> <tr> <td>Andreas G. Nowatzky</td> <td>01/18/2012</td> </tr> <tr> <td>Fang Yu</td> <td>01/18/2012</td> </tr> <tr> <td>Thomas L. Rodeheffer</td> <td>01/18/2012</td> </tr> </tbody> </table>		Name	Execution Date	Charles P. Thacker	01/18/2012	Andreas G. Nowatzky	01/18/2012	Fang Yu	01/18/2012	Thomas L. Rodeheffer	01/18/2012
Name	Execution Date										
Charles P. Thacker	01/18/2012										
Andreas G. Nowatzky	01/18/2012										
Fang Yu	01/18/2012										
Thomas L. Rodeheffer	01/18/2012										
RECEIVING PARTY DATA											
Name:	Microsoft Corporation										
Street Address:	One Microsoft Way										
City:	Redmond										
State/Country:	WASHINGTON										
Postal Code:	98052										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13355575</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13355575						
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Application Number:	13355575										
CORRESPONDENCE DATA											
Fax Number:	(425)936-7329										
Phone:	425-707-9382										
Email:	vfiling@microsoft.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
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Address Line 1:	One Microsoft Way										
Address Line 2:	Patent Group Docketing Dept										
Address Line 4:	Redmond, WASHINGTON 98052										
ATTORNEY DOCKET NUMBER:	334693.01										
NAME OF SUBMITTER:	Amandeep Kaur										
Total Attachments: 2 source=334693-01-Exec-Assignment#page1.tif source=334693-01-Exec-Assignment#page2.tif											

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PATENT ASSIGNMENT

MS Docket No.: 334693.01

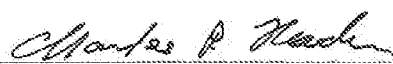
I/WE, Charles P. Thacker, Andreas G. Nowatzky, Fang Yu, and Thomas L. Rodeheffer, ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DATA CENTER NETWORK USING CIRCUIT SWITCHING" ("APPLICATION"), which:

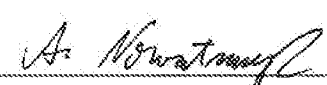
- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No. 13/355575, filed 01/23/2012) 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"));

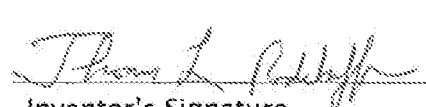
For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

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	<u>1-18-2012</u> Date
<u>Charles P. Thacker</u> Printed Name in English	 Printed Name in Native Language (if other than English)

 Inventor's Signature	<u>1-18-2012</u> Date
<u>Andreas G. Nowatzky</u> Printed Name in English	 Printed Name in Native Language (if other than English)

 Inventor's Signature	<u>1-18-2012</u> Date
<u>Fang Yu</u> Printed Name in English	<u>俞 宇</u> Printed Name in Native Language (if other than English)

 Inventor's Signature	<u>1-18-2012</u> Date
<u>Thomas L. Rodeheffer</u> Printed Name in English	 Printed Name in Native Language (if other than English)