

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>Chee K. Fong</td> <td>07/27/2012</td> </tr> <tr> <td>Suet Fong Tin</td> <td>07/31/2012</td> </tr> <tr> <td>Harjit Singh</td> <td>07/31/2012</td> </tr> <tr> <td>Peter Atkinson</td> <td>08/01/2012</td> </tr> <tr> <td>Perry Stultz</td> <td>07/31/2012</td> </tr> <tr> <td>Jeremy Braun</td> <td>07/31/2012</td> </tr> <tr> <td>Duane M. Evans</td> <td>08/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Chee K. Fong	07/27/2012	Suet Fong Tin	07/31/2012	Harjit Singh	07/31/2012	Peter Atkinson	08/01/2012	Perry Stultz	07/31/2012	Jeremy Braun	07/31/2012	Duane M. Evans	08/02/2012
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<table border="1"> <tr> <td>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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Application Number:	13566142																
CORRESPONDENCE DATA																	
Fax Number:	4153699665																
Phone:	4153699660																
Email:	wgoy@vierramagen.com																
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																	
Correspondent Name:	Ralph F. Hoppin																
Address Line 1:	575 Market Street, Suite 2500																
Address Line 4:	San Francisco, CALIFORNIA 94105																
ATTORNEY DOCKET NUMBER:	MSFT-01622US0																

CH \$40.00 13566142

NAME OF SUBMITTER:

Ralph F. Hoppin

Total Attachments: 7

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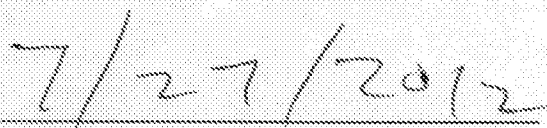
I/WE, Chee K. Fong, Suet Fong Tin, Harjit Singh, Peter Atkinson, Perry Stultz, Jeremy Braun and Duane M. Evans ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SINGLE WIRE CONCURRENT BI-DIRECTIONAL COMMUNICATION FOR PSU" ("APPLICATION"), 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 47766, to insert here in parenthesis (Application No. 13/566,142, filed 8/3/12) 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
Chee K. Fong	
Printed Name in English	Printed Name in Native Language (if other than English)


Inventor's Signature	Date
Suet Fong Tin	
Printed Name in English	Printed Name in Native Language (if other than English)

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

PATENT ASSIGNMENT

MS Docket No.: 336438.01

_____ Inventor's Signature	_____ Date
<u>Chee K. Fong</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

 _____ Inventor's Signature	<u>7/31/12</u> _____ Date
<u>Suet Fong Tin</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

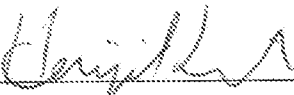
_____ Inventor's Signature	_____ Date
<u>Harjit Singh</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)


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<u>Suet Fong Tin</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)


 _____ Inventor's Signature	<u>7/31/12</u> _____ Date
<u>Harjit Singh</u> Printed Name in English	<u>Harjit Singh</u> _____ Printed Name in Native Language (if other than English)

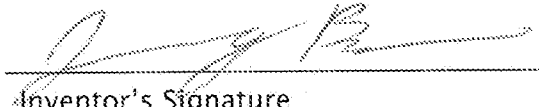
 _____ Inventor's Signature	<u>8/1/2012</u> _____ Date
<u>Peter Atkinson</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

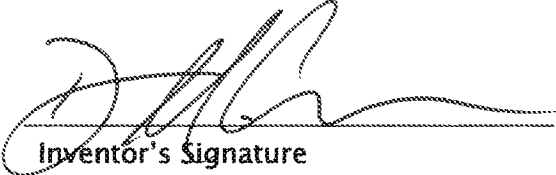
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<u>Jeremy Braun</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

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 Inventor's Signature	<u>7/31/12</u> Date
<u>Perry Stultz</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

 Inventor's Signature	<u>July 31, 2012</u> Date
<u>Jeremy Braun</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

 _____ Inventor's Signature	<u>8/2/2012</u> _____ Date
<u>Duane M. Evans</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)