

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>Christian Fortini</td><td>06/14/2013</td></tr> <tr><td>Brian E. Manthos</td><td>06/14/2013</td></tr> <tr><td>Grant A. Watters</td><td>06/17/2013</td></tr> <tr><td>Li-Hsin Huang</td><td>06/14/2013</td></tr> <tr><td>Richard K James</td><td>06/14/2013</td></tr> <tr><td>Samuel R Fortiner</td><td>06/17/2013</td></tr> <tr><td>R. Scott Briggs</td><td>06/14/2013</td></tr> <tr><td>Sergey Z Malkin</td><td>06/14/2013</td></tr> <tr><td>Yuanzhe Wang</td><td>06/14/2013</td></tr> <tr><td>Rico Mariani</td><td>06/14/2013</td></tr> <tr><td>Justin E Rogers</td><td>06/14/2013</td></tr> <tr><td>Anjali S. Parikh</td><td>06/14/2013</td></tr> <tr><td>Praveen Kumar Muralidhar Rao</td><td>06/14/2013</td></tr> <tr><td>Matthew P Kotsenas</td><td>06/14/2013</td></tr> <tr><td>Jason J. Weber</td><td>06/14/2013</td></tr> <tr><td>Nirankush Panchbhai</td><td>06/17/2013</td></tr> <tr><td>Rossen Atanassov</td><td>06/17/2013</td></tr> <tr><td>Peter Salas</td><td>06/17/2013</td></tr> </tbody> </table>		Name	Execution Date	Christian Fortini	06/14/2013	Brian E. Manthos	06/14/2013	Grant A. Watters	06/17/2013	Li-Hsin Huang	06/14/2013	Richard K James	06/14/2013	Samuel R Fortiner	06/17/2013	R. Scott Briggs	06/14/2013	Sergey Z Malkin	06/14/2013	Yuanzhe Wang	06/14/2013	Rico Mariani	06/14/2013	Justin E Rogers	06/14/2013	Anjali S. Parikh	06/14/2013	Praveen Kumar Muralidhar Rao	06/14/2013	Matthew P Kotsenas	06/14/2013	Jason J. Weber	06/14/2013	Nirankush Panchbhai	06/17/2013	Rossen Atanassov	06/17/2013	Peter Salas	06/17/2013
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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:	13921727																																						

PATENT

CORRESPONDENCE DATA

Fax Number: 4259367329
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
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ATTORNEY DOCKET NUMBER:	339143.01
NAME OF SUBMITTER:	Amandeep Kaur
Signature:	/Amandeep Kaur/
Date:	07/29/2013

Total Attachments: 36

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I Christian Fortini ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Synchronization Points for State Information" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on 19-JUN-2013 and given Application No. 13/921727 by the following Office _____) this APPLICATION's Application No., filing date, and Office, when known;

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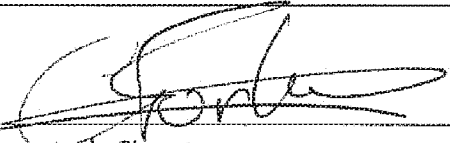
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ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting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

 _____ Inventor's Signature	_____ 6/14/2013 _____ Date
_____ Christian Fortini _____ Printed Name in English	_____ _____ Printed Name in Native Language (if other than English)

I Brian E. Manthos ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Synchronization Points for State Information" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on 19-JUN-2013 and given Application No. 13/921727 by the following Office _____) this APPLICATION's Application No., filing date, and Office, when known;

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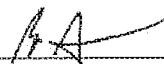
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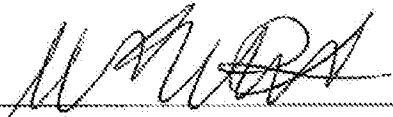

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 _____ Inventor's Signature	<u>66/14/2013</u> _____ Date
<u>Brian E. Manthos</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

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Inventor's Signature		Date	
Grant A. Watters			
Printed Name in English		Printed Name in Native Language (if other than English)	

I Li-Hsin Huang ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Synchronization Points for State Information" ("APPLICATION"), which:

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PATENT ASSIGNMENT

MS Docket No.: 339143.01

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<u><i>Li-Hsin Huang</i></u>	<u>6/14/2013</u>
Inventor's Signature	Date
<u>Li-Hsin Huang</u>	<u></u>
Printed Name in English	Printed Name in Native Language (if other than English)

I Richard K. James ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Synchronization Points for State Information" ("APPLICATION"), which:

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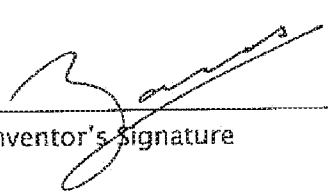
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	<u>14 June 2013</u>
Inventor's Signature	Date
<u>Richard K. James</u>	<u></u>
Printed Name In English	Printed Name in Native Language (if other than English)

I Samuel R. Fortiner ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Synchronization Points for State Information" ("APPLICATION"), which:

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 _____ Inventor's Signature	<u>6/17/2013</u> _____ Date
<u>Samuel R. Fortiner</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 339143.01

I R. Scott Briggs ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Synchronization Points for State Information" ("APPLICATION"), which:

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 Inventor's Signature	<u>6/14/2013</u> Date
<u>R. Scott Briggs</u> Printed Name in English	 Printed Name in Native Language (if other than English)

I Sergey Z. Malkin ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Synchronization Points for State Information" ("APPLICATION"), which:

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<u>Sergey Malkin</u> Inventor's Signature	<u>6/14/2013</u> Date
<u>Sergey Z. Malkin</u> Printed Name in English	<u>Serzgey Z. Malkin</u> Printed Name in Native Language (if other than English)

I Yuanzhe Wang ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Synchronization Points for State Information" ("APPLICATION"), which:

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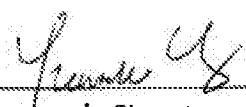

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 _____ Inventor's Signature	06/14/2013 _____ Date
Yuanzhe Wang _____ Printed Name in English	 _____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

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I Rico Mariani ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Synchronization Points for State Information" ("APPLICATION"), which:

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 _____ Inventor's Signature	<u>6/14/2013</u> _____ Date
_____ Rico Mariani Printed Name in English	_____ Printed Name in Native Language (if other than English)

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 _____ Inventor's Signature	6/14/2013 _____ Date
Justin E. Rogers _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Anjali S. Parikh ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Synchronization Points for State Information" ("APPLICATION"), which:

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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, ASSIGNOR's 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).

<u>Anjali S. Parikh</u> Inventor's Signature	<u>6-14-2013</u> Date
<u>Anjali S. Parikh</u> Printed Name in English	<u></u> Printed Name in Native Language (if other than English)

I Praveen Kumar Muralidhar Rao ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Synchronization Points for State Information" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on 19-JUN-2013 and given Application No. 13/921727 by the following Office _____) this APPLICATION's Application No., filing date, and Office, when known;

was filed on _____ and was given Application No. _____ by the following Office "_____";

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"));

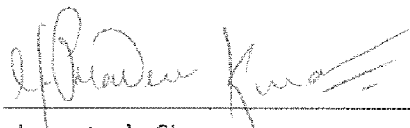
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	6/14/13
_____ Inventor's Signature	_____ Date
Praveen Kumar Muralidhar Rao _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

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<p><u>Matthew P. Kotsenas</u> Inventor's Signature</p>	<p><u>6/14/2013</u> Date</p>
<p><u>Matthew P. Kotsenas</u> Printed Name in English</p>	<p>_____ Printed Name in Native Language (if other than English)</p>

PATENT ASSIGNMENT

MS Docket No.: 339143.01

I Jason J. Weber ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Synchronization Points for State Information" ("APPLICATION"), which:

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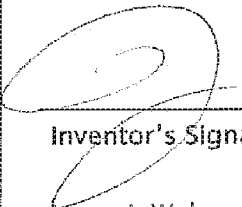
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 _____ Inventor's Signature	6/14/13 _____ Date
Jason J. Weber _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Nirankush Panchbhai ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Synchronization Points for State Information" ("APPLICATION"), which:

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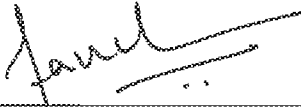
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	<p>6/17/2013</p>
<hr/> Inventor's Signature	<hr/> Date
<p>Nirankush Panchbhai</p> <hr/> Printed Name in English	<hr/> Printed Name in Native Language (if other than English)

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	<u>6/17/2013</u>
Inventor's Signature	Date
<u>Rossen Atanasov</u>	<u>РОСЕН АТАНАСОВ</u>
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 339143.01

I Peter Salas ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Synchronization Points for State Information" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on 19-JUN-2013 and given Application No. 13/921727 by the following Office _____) this APPLICATION's Application No., filing date, and Office, when known;

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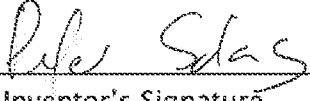
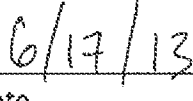
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 _____ Inventor's Signature	 _____ Date
<u>Peter Salas</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)