

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>Luke Hoban</td><td>07/21/2011</td></tr><tr><td>Fiona Fung</td><td>07/21/2011</td></tr><tr><td>Harry Pierson</td><td>07/26/2011</td></tr></tbody></table>	Name	Execution Date	Luke Hoban	07/21/2011	Fiona Fung	07/21/2011	Harry Pierson	07/26/2011	
Name	Execution Date								
Luke Hoban	07/21/2011								
Fiona Fung	07/21/2011								
Harry Pierson	07/26/2011								
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>13171153</td></tr></tbody></table>	Property Type	Number	Application Number:	13171153					
Property Type	Number								
Application Number:	13171153								
CORRESPONDENCE DATA									
Fax Number: (612)573-2005 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone: 4258828080									
Email: stevensp@microsoft.com									
Correspondent Name: MICROSOFT CORPORATION									
Address Line 1: ONE MICROSOFT WAY									
Address Line 4: REDMOND, WASHINGTON 98052									
ATTORNEY DOCKET NUMBER:	332813.01								
NAME OF SUBMITTER:	Patrick G. Billig								
Total Attachments: 4 source=332813_01_Executed_Assignment#page1.tif source=332813_01_Executed_Assignment#page2.tif source=332813_01_Executed_Assignment#page3.tif source=332813_01_Executed_Assignment#page4.tif									

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PATENT
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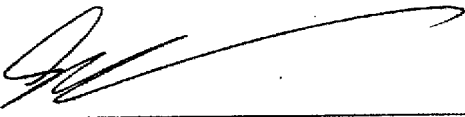
I/WE, Luke Hoban, Fiona Fung and Harry Pierson ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled " POPULATION OF DYNAMIC OBJECTS REPRESENTING STATIC NAMESPACE HIERARCHIES" ("APPLICATION"), which:

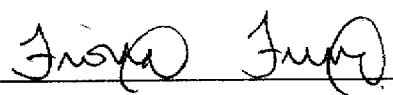
- ☐ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number _____, to insert here in parenthesis (Application No. _____, filed _____) this APPLICATION's Application No. and filing date, when known;
- ☒ was filed on June 28, 2011 and was given Application No. 13/171153;
- ☐ 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).

	<u>7/21/2011</u>
Inventor's Signature	Date
<u>Luke Hoban</u>	<u>Luke Hoban</u>
Printed Name in English	Printed Name in Native Language (if other than English)

	<u>7/21/2011</u>
Inventor's Signature	Date
<u>Fiona Fung</u>	<u>Fiona Fung</u>
Printed Name in English	Printed Name in Native Language (if other than English)

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

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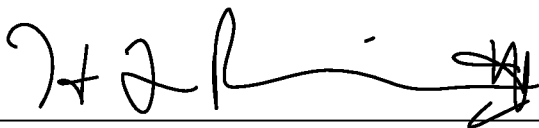
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_____ Inventor's Signature	_____ Date
_____ Luke Hoban	_____ Printed Name in Native Language (if other than English)
_____ Printed Name in English	

_____ Inventor's Signature	_____ Date
_____ Fiona Fung	_____ Printed Name in Native Language (if other than English)
_____ Printed Name in English	

_____ 	_____ 7/26/2011
_____ Inventor's Signature	_____ Date
_____ Harry Pierson	_____ Printed Name in Native Language (if other than English)
_____ Printed Name in English	