

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Harold Pierson	08/18/2011
Brent Rector	08/18/2011
Martyn Lovell	08/18/2011
Mahesh Prakriya	08/18/2011
Stephen Rowe	08/18/2011
Tassaduq Basu	08/18/2011
Robert A. Wlodarczyk	08/18/2011
Elliot H. Omiya	08/18/2011
Jerry Dunietz	08/18/2011
Ales Holecek	08/29/2011
Lawrence W. Osterman	08/18/2011
Wei Zeng	08/18/2011
Neeraj Wadhwa	08/18/2011
Shakeel Solkar	08/18/2011
Michael Aksionkin	08/18/2011

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:	13223296

CORRESPONDENCE DATA

CH \$40.00 13223296

Fax Number: (425)936-7329
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 425-707-9382
Email: vffiling@microsoft.com
Correspondent Name: Assal Meftahi
Address Line 1: One Microsoft Way
Address Line 2: Patent Group Docketing Dept
Address Line 4: Redmond, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	332991.01
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NAME OF SUBMITTER:	Girija Lourebam
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Total Attachments: 15
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WE, Harold Pierson, Brent Rector, Martyn Lovell, Mahesh Prakriya, Stephen Rowe, Tassaduq Basu, Robert A. Wlodarczyk, Elliot H. Omiya, Jerry Dunietz, Ales Holecek, Lawrence W. Osterman, Wei Zeng, Neeraj Wadhwa, Shakeel Solkar, and Michael Aksionkin ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled PROJECTING NATIVE APPLICATION PROGRAMMING INTERFACES OF AN OPERATING SYSTEM INTO OTHER PROGRAMMING LANGUAGES ("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. 13/223,296, filed 08/31/2011) this APPLICATION's Application No. and filing date, when known;

was filed on _____ and was given Application No. _____;

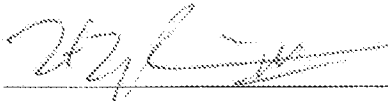
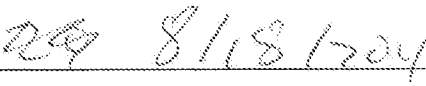
is filed concurrently herewith;

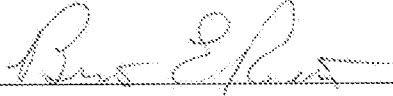
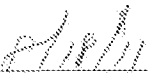
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

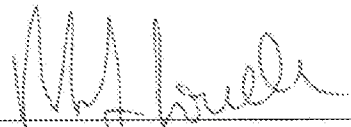
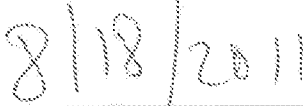
For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

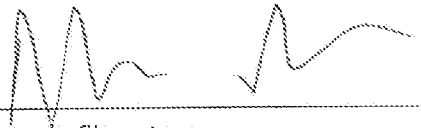
ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for

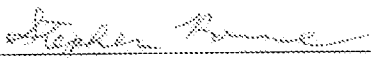
litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

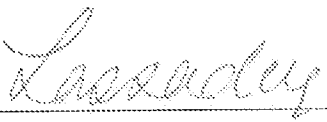
 Inventor's Signature	 Date
Harold Pierson Printed Name in English	 Printed Name in Native Language (if other than English)


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

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


 Inventor's Signature	8/18/2011 Date
Mahesh Prakriya Printed Name in English	 Printed Name in Native Language (if other than English)

 Inventor's Signature	8/18/11 Date
Stephen Rowe Printed Name in English	 Printed Name in Native Language (if other than English)

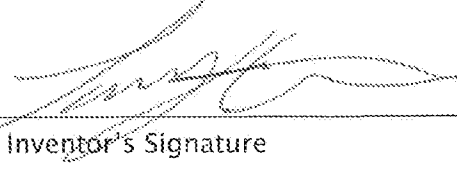
 Inventor's Signature	8/18/2011 Date
Tassaduq Basu Printed Name in English	 Printed Name in Native Language (if other than English)

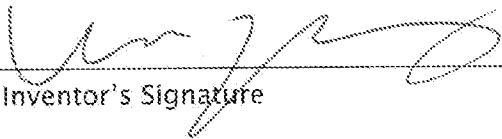
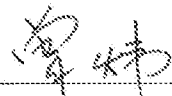
 Inventor's Signature	8/18/2011 Date
Robert A. Wlodarczyk Printed Name in English	 Printed Name in Native Language (if other than English)

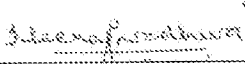
_____ Inventor's Signature	_____ Date
<u>Elliot H. Omiya</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)


 _____ Inventor's Signature	<u>8-18-11</u> _____ Date
<u>Jerry Dunietz</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)


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

 _____ Inventor's Signature	<u>Aug 18, 11</u> _____ Date
<u>Lawrence W. Osterman</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

 Inventor's Signature	8/18/2011 Date
Wei Zeng Printed Name in English	 Printed Name in Native Language (if other than English)

 Inventor's Signature	08 / 18 / 2011 Date
Neeraj Wadhwa Printed Name in English	 Printed Name in Native Language (if other than English)

 Inventor's Signature	8/18/2011 Date
Shakeel Solkar Printed Name in English	 Printed Name in Native Language (if other than English)

 Inventor's Signature	08/18/2011 Date
Michael Aksionkin Printed Name in English	Михаил Аксёнкин Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 332991.01

WE, Harold Pierson, Brent Rector, Martyn Lovell, Mahesh Prakriya, Stephen Rowe, Tassaduq Basu, Robert A. Wlodarczyk, Elliot H. Omiya, Jerry Dunietz, Ales Holecek, Lawrence W. Osterman, Wei Zeng, Neeraj Wadhwa, Shakeel Solkar, and Michael Aksionkin ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled PROJECTING NATIVE APPLICATION PROGRAMMING INTERFACES OF AN OPERATING SYSTEM INTO OTHER PROGRAMMING LANGUAGES ("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. 13/223,296, filed 08/31/2011 this APPLICATION's Application No. and filing date, when known;

was filed on _____ and was given Application No. _____;

is filed concurrently herewith;

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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

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

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


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

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

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<u>Robert A. Wlodarczyk</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

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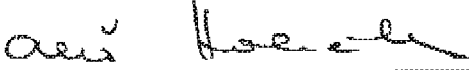
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<u>Jerry Dunietz</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

<u></u> Inventor's Signature	<u>8/29/2011</u> Date
<u>Ales Holecek</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

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