

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Osman N. Ertugay	06/20/2011
Keith E. Horton	06/20/2011
Joseph Nievelt	06/20/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Microsoft Corporation
<b>Street Address:</b>	One Microsoft Way
<b>City:</b>	Redmond
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98052
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13167311
<b>CORRESPONDENCE DATA</b>	
Fax Number: (425)936-7329 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> 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	
<b>ATTORNEY DOCKET NUMBER:</b>	332132.01
<b>NAME OF SUBMITTER:</b>	Gopal Sharma
Total Attachments: 2 source=332132-01-Executed-Assignment#page1.tif source=332132-01-Executed-Assignment#page2.tif	

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**PATENT**  
**REEL: 026492 FRAME: 0349**

**PATENT ASSIGNMENT**


I/WE, Osman N. Ertugay, Keith E. Horton, Joseph Nievelt ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "PROGRAMMING INTERFACE FOR DATA COMMUNICATIONS" ("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. 13/167311, filed 06/23/2011) this APPLICATION's Application No. and filing date, when known;
- ☐ was filed on \_\_\_\_\_ and was given Application No. \_\_\_\_\_;
- ☐ is filed concurrently herewith;

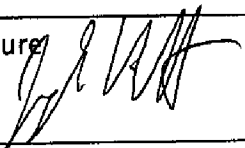
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, 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 6/20/2011
Osman N. Ertugay Printed Name in English	Printed Name in Native Language (if other than English)

Inventor's Signature  Keith E. Horton	Date 6/20/2011
Printed Name in English KEITH HORTON	Printed Name in Native Language (if other than English)

Inventor's Signature  Joseph Nievelt	Date 6/20/2011
Printed Name in English Joseph Nievelt	Printed Name in Native Language (if other than English)