

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>Gaurav Seth</td> <td>03/08/2012</td> </tr> <tr> <td>Jianchun Xu</td> <td>03/08/2012</td> </tr> <tr> <td>Geoffrey M. Kizer</td> <td>03/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Gaurav Seth	03/08/2012	Jianchun Xu	03/08/2012	Geoffrey M. Kizer	03/09/2012
Name	Execution Date								
Gaurav Seth	03/08/2012								
Jianchun Xu	03/08/2012								
Geoffrey M. Kizer	03/09/2012								
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>13419441</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13419441				
Property Type	Number								
Application Number:	13419441								
CORRESPONDENCE DATA									
Fax Number:	(425)936-7329								
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ATTORNEY DOCKET NUMBER:	335216.01								
NAME OF SUBMITTER:	Amandeep Kaur								
Total Attachments: 2 source=335216-01-Exec-Assignment#page1.tif source=335216-01-Exec-Assignment#page2.tif									

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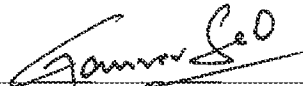
We, Gaurav Seth, Jianchun Xu, and Geoffrey M. Kizer ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Using Grammar to Serialize and De-Serialize Objects" ("APPLICATION"), which:

- 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. 13/419441, filed 14-MAR-2012) 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


3/8/2012
Date

Gaurav Seth
Printed Name in English

गौरव सेठ
Printed Name in Native Language
(if other than English)

PATENT ASSIGNMENT

(Continued from page 1 to list additional inventors)



Inventor's Signature

3/8/2012

Date

Jianchun Xu

Printed Name in English

徐建春

Printed Name in Native Language
(if other than English)



Inventor's Signature

3/9/2012

Date

Geoffrey M. Kizer

Printed Name in English

Printed Name in Native Language
(if other than English)