

## PATENT ASSIGNMENT COVER SHEET

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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>BART DE SMET</td> <td>01/17/2014</td> </tr> <tr> <td>TIHOMIR T. TARNAVSKI</td> <td>01/17/2014</td> </tr> <tr> <td>SAVAS PARASTATIDIS</td> <td>01/17/2014</td> </tr> </tbody> </table>		Name	Execution Date	BART DE SMET	01/17/2014	TIHOMIR T. TARNAVSKI	01/17/2014	SAVAS PARASTATIDIS	01/17/2014
Name	Execution Date								
BART DE SMET	01/17/2014								
TIHOMIR T. TARNAVSKI	01/17/2014								
SAVAS PARASTATIDIS	01/17/2014								
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>14158680</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14158680				
Property Type	Number								
Application Number:	14158680								
CORRESPONDENCE DATA									
Fax Number:									
Phone:	425-707-9382								
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Correspondent Name:	MICROSOFT CORPORATION								
Address Line 1:	ONE MICROSOFT WAY								
Address Line 4:	REDMOND, WASHINGTON 98052								
ATTORNEY DOCKET NUMBER:	340557.01								
NAME OF SUBMITTER:	DAVID W. GRILLO								
Signature:	/David W. Grillo/								
Date:	01/17/2014								

PATENT

**Total Attachments: 6**

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I Bart De Smet ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "LIGHTWEIGHT OPTIONALLY TYPED DATA REPRESENTATION OF COMPUTATION" ("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 January 17, 2014 and given Application No. 14/158,680 by the following Office US - United States Patent and Trademark 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));


ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office

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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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("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).

	1/17/2014
Inventor's Signature	Date
Bart De Smet	
Printed Name in English	Printed Name in Native Language (if other than English)

I Tihomir T. Tarnavski ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "LIGHTWEIGHT OPTIONALLY TYPED DATA REPRESENTATION OF COMPUTATION" ("APPLICATION"), which:

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 _____ Inventor's Signature	1/17/2014 _____ Date
Tihomir T. Tarnavski _____ Printed Name in English	ТИХОМИР ТЕРНАВСКИ _____ Printed Name in Native Language (if other than English)



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	1/17/2014
Inventor's Signature	Date
Savas Parastatidis	Σάββας Παραστατίδης
Printed Name in English	Printed Name in Native Language (if other than English)