

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>Thomas Minka</td> <td>02/27/2013</td> </tr> <tr> <td>John Michael Winn</td> <td>02/27/2013</td> </tr> </tbody> </table>		Name	Execution Date	Thomas Minka	02/27/2013	John Michael Winn	02/27/2013
Name	Execution Date						
Thomas Minka	02/27/2013						
John Michael Winn	02/27/2013						
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>13783349</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13783349		
Property Type	Number						
Application Number:	13783349						
CORRESPONDENCE DATA							
Fax Number:							
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	425-882-8080						
Email:	mkey@zetelaw.com						
Correspondent Name:	MICROSOFT CORPORATION						
Address Line 1:	ONE MICROSOFT WAY						
Address Line 4:	REDMOND, WASHINGTON 98052						
ATTORNEY DOCKET NUMBER:	338537.01						
NAME OF SUBMITTER:	MacLane C. Key						
<p>Total Attachments: 4 source=338537_01_Assignment_Minka#page1.tif source=338537_01_Assignment_Minka#page2.tif source=338537_01_Assignment_Winn#page1.tif source=338537_01_Assignment_Winn#page2.tif</p>							

OP \$40.00 13783349

PATENT

I Thomas MINKA ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "PROBABILISTIC PARSING " ("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 3-3-2013 and given Application No. 13/783,349 by the following Office USPTO) 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 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"));

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

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 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 <i>Thomas Minka</i>	Date <i>Feb 27, 2013</i>
Printed Name in English Thomas MINKA	Printed Name in Native Language (if other than English)

I John Michael WINN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "PROBABILISTIC PARSING " ("APPLICATION"), which:

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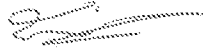
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Inventor's Signature 	Date 27 th FEB 2013
Printed Name in English John Michael WINN	Printed Name in Native Language (if other than English)