

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>Ryan James D'Aurelio</td> <td>09/26/2012</td> </tr> <tr> <td>Mark John Sawrey Leece</td> <td>09/26/2012</td> </tr> <tr> <td>Douglas Duane Berrett</td> <td>09/26/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ryan James D'Aurelio	09/26/2012	Mark John Sawrey Leece	09/26/2012	Douglas Duane Berrett	09/26/2012
Name	Execution Date								
Ryan James D'Aurelio	09/26/2012								
Mark John Sawrey Leece	09/26/2012								
Douglas Duane Berrett	09/26/2012								
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>13629149</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13629149				
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Application Number:	13629149								
CORRESPONDENCE DATA									
Fax Number:	5035955301								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	503-595-5300								
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ATTORNEY DOCKET NUMBER:	3382-89455-01								
NAME OF SUBMITTER:	Robert F. Scotti								
Total Attachments: 6 source=89455-01_Assignment#page1.tif									

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PATENT ASSIGNMENT

I, Ryan James D'Aurelio ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "UPDATING APPLICATIONS" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Klarquist Sparkman, LLP, 121 SW Salmon Street, Suite 1600, Portland, OR 97204, who are associated with customer number 26119, (ASSIGNEE'S LEGAL REPRESENTATIVES) to insert here in parentheses (filed on 09/27/2012, and given Application No. 13/629,149 by the following Office: 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 "United States Patent and Trademark 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	<u>9/26/12</u> _____ Date
<u>Ryan James D'Aurelio</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I, Mark John Sawrey Leece ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "UPDATING APPLICATIONS" ("APPLICATION"), which:

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PATENT ASSIGNMENT

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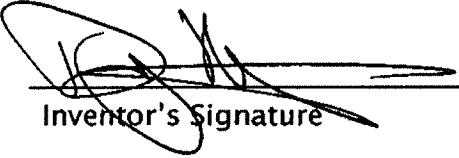
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