

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>GERGELY KOTA</td> <td>11/01/2012</td> </tr> <tr> <td>TSU-CHUAN CHAO</td> <td>11/05/2012</td> </tr> <tr> <td>YONG WOO RHEE</td> <td>11/01/2012</td> </tr> <tr> <td>ABBOTT LOWELL</td> <td>11/07/2012</td> </tr> </tbody> </table>		Name	Execution Date	GERGELY KOTA	11/01/2012	TSU-CHUAN CHAO	11/05/2012	YONG WOO RHEE	11/01/2012	ABBOTT LOWELL	11/07/2012
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GERGELY KOTA	11/01/2012										
TSU-CHUAN CHAO	11/05/2012										
YONG WOO RHEE	11/01/2012										
ABBOTT LOWELL	11/07/2012										
RECEIVING PARTY DATA											
Name:	MICROSOFT CORPORATION										
Street Address:	ONE MICROSOFT WAY										
Internal Address:	ATTN: LCA										
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>13671249</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13671249						
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Application Number:	13671249										
CORRESPONDENCE DATA											
Fax Number:	2063426201										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	206.342.6243										
Email:	mcrosslin@merchantgould.com										
Correspondent Name:	Merchant & Gould (Microsoft Corporation)										
Address Line 1:	P.O. Box 2903										
Address Line 4:	Minneapolis, MINNESOTA 55402										
ATTORNEY DOCKET NUMBER:	14917.2243US01										
NAME OF SUBMITTER:	Michelle Crosslin										
Total Attachments: 8											

OP \$40.00 13671249

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PATENT ASSIGNMENT

I Gergely Kota ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DYNAMIC LAYOUT OF CONTENT IN A GRID BASED APPLICATION" ("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 November 7, 2012 and given Application No. 13/671,249 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"));

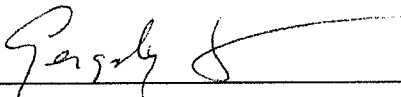
ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

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PATENT ASSIGNMENT

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>11/11/12</u> _____ Date
<u>Gergely Kota</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Tsu-Chuan Chao ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DYNAMIC LAYOUT OF CONTENT IN A GRID BASED APPLICATION" ("APPLICATION"), which:

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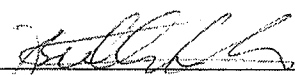
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 _____ Inventor's Signature	<u>Nov 5, 12</u> _____ Date
<u>Tsu-Chuan Chao</u> _____ Printed Name in English	<u>趙 棉 全</u> _____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Yong Woo Rhee ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DYNAMIC LAYOUT OF CONTENT IN A GRID BASED APPLICATION" ("APPLICATION"), which:

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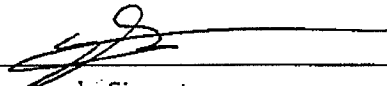
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	11/1/2012
_____ Inventor's Signature	_____ Date
Yong Woo Rhee	이 옹 우
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

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 _____ Inventor's Signature	<u>11/7/2012</u> _____ Date
<u>Abbott Lowell</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)