

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Poornima Hanumara</td> <td>08/01/2011</td> </tr> <tr> <td>David Sherman</td> <td>08/02/2011</td> </tr> <tr> <td>Wade Dorrell</td> <td>08/01/2011</td> </tr> <tr> <td>Elaine Andersen</td> <td>08/01/2011</td> </tr> <tr> <td>Julius Ravago</td> <td>08/02/2011</td> </tr> <tr> <td>Robert Kaiser</td> <td>08/08/2011</td> </tr> </tbody> </table>		Name	Execution Date	Poornima Hanumara	08/01/2011	David Sherman	08/02/2011	Wade Dorrell	08/01/2011	Elaine Andersen	08/01/2011	Julius Ravago	08/02/2011	Robert Kaiser	08/08/2011
Name	Execution Date														
Poornima Hanumara	08/01/2011														
David Sherman	08/02/2011														
Wade Dorrell	08/01/2011														
Elaine Andersen	08/01/2011														
Julius Ravago	08/02/2011														
Robert Kaiser	08/08/2011														
RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>Microsoft Corporation</td> </tr> <tr> <td>Street Address:</td> <td>One Microsoft Way</td> </tr> <tr> <td>City:</td> <td>Redmond</td> </tr> <tr> <td>State/Country:</td> <td>WASHINGTON</td> </tr> <tr> <td>Postal Code:</td> <td>98052</td> </tr> </table>		Name:	Microsoft Corporation	Street Address:	One Microsoft Way	City:	Redmond	State/Country:	WASHINGTON	Postal Code:	98052				
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>13206614</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13206614										
Property Type	Number														
Application Number:	13206614														
CORRESPONDENCE DATA															
Fax Number:	(425)936-7329														
Phone:	425-707-9382														
Email:	vfiling@microsoft.com														
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
Correspondent Name:	Assal Meftahi														
Address Line 1:	One Microsoft Way														
Address Line 2:	Patent Group Docketing Dept														
Address Line 4:	Redmond, WASHINGTON 98052														
ATTORNEY DOCKET NUMBER:	333199.01														

CH \$40.00 13206614

NAME OF SUBMITTER:

Harendra Rana

Total Attachments: 3

source=333199-01-Executed-Assignment#page1.tif

source=333199-01-Executed-Assignment#page2.tif

source=333199-01-Executed-Assignment#page3.tif

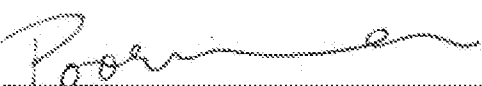
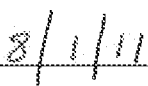
I/WE, Poornima Hanumara, David Sherman, Wade Dorrell, Elaine Andersen, Julius Ravago and Robert Kaiser ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled, AUTOMATIC GENERATION OF TREND CHARTS ("APPLICATION"), which:


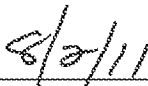
- ☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No. 13/206,614, filed August 10, 2011) this APPLICATION's Application No. and filing date, when known;
- ☐ was filed on \_\_\_\_\_ and was given Application No. \_\_\_\_\_;
- ☐ is filed concurrently herewith;


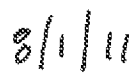
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

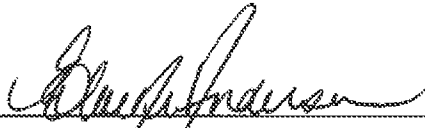
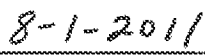
For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

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	Date
Poornima Hanumara	
Printed Name in English	Printed Name in Native Language (if other than English)

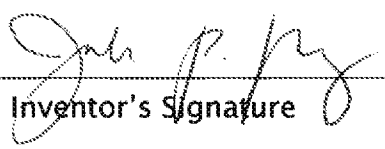
	
Inventor's Signature	Date
David Sherman	
Printed Name in English	Printed Name in Native Language (if other than English)

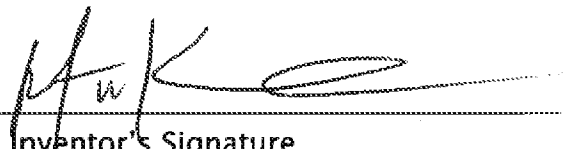
	
Inventor's Signature	Date
Wade Dorrell	
Printed Name in English	Printed Name in Native Language (if other than English)

	
Inventor's Signature	Date
Elaine Andersen	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 333199.01

 Inventor's Signature	<u>8/2/2011</u> Date
<u>Julius Ravago</u> Printed Name in English	 Printed Name in Native Language (if other than English)

 Inventor's Signature	<u>8/8/2011</u> Date
<u>Robert Kaiser</u> Printed Name in English	 Printed Name in Native Language (if other than English)