Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Steve Tullis	04/29/2013
Uhl Albert	04/29/2013
David Gustafson	05/04/2013
Aaron Lamar Wilson	04/29/2013

RECEIVING PARTY DATA

Name:	Microsoft Corporation	
Street Address:	One Microsoft Way	
City:	Redmond	
State/Country:	WASHINGTON	
Postal Code:	98052	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13887702

CORRESPONDENCE DATA

Fax Number: 4259367329

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

425-707-9382 Phone:

Email: vffiling@microsoft.com

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:	338605.01

NAME OF SUBMITTER: Shah Faisal Khan

/Shah Faisal Khan/ Signature:

REEL: 030399 FRAME: 0497

<u>PATENT</u> 502344389

Date:	05/13/2013
Total Attachments: 8 source=338605-01-Executed-Assignment#p source=338605-01-Executed-Assignment#p source=338605-01-Executed-Assignment#p source=338605-01-Executed-Assignment#p source=338605-01-Executed-Assignment#p source=338605-01-Executed-Assignment#p source=338605-01-Executed-Assignment#p source=338605-01-Executed-Assignment#p	page2.tif page3.tif page4.tif page5.tif page6.tif page7.tif

PATENT REEL: 030399 FRAME: 0498

MS Docket No.: <u>338605.01</u>

I <u>Steve Tullis</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>TRANSFORMING VISUALIZED DATA THROUGH VISUAL ANALYTICS BASED ON INTERACTIVITY</u>" ("APPLICATION"), which:

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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 MS Docket No.: 338605.01

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> 4/29/13</u> Date
Steve Tullis	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Uhl Albert</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TRANSFORMING VISUALIZED DATA THROUGH VISUAL ANALYTICS BASED ON INTERACTIVITY" ("APPLICATION"), which:

MS Docket No.: 338605.01

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Page 1 of 2

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MS Docket No.: <u>338605.01</u>

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Inventor's Signature	April 29, 2013 Date
<u>Uhl Albert</u> Printed Name in English	Printed Name in Native Language (if other than English)

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MS Docket No.: 338605.01

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	5/4/2013
Inventor's Signature	Date
David Gustafson	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Aaron Lamar Wilson</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TRANSFORMING VISUALIZED DATA THROUGH VISUAL ANALYTICS <u>BASED ON INTERACTIVITY</u>" ("APPLICATION"), which:

MS Docket No.: 338605.01

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PATENT ASSIGNMENT MS Docket No.: 338605.01

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Claum Franculic Inventor's Signature	04/29/2013 Date
Aaron Lamar Wilson	
Printed Name in English	Printed Name in Native Language
	(if other than English)