PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4258486

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FABIAN O. WINTERNITZ	01/08/2013
ADITYA UNNITHAN	01/03/2013
DAVID PAUL HILL	12/20/2012
JEFFREY A. DAVIS	12/07/2012

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	ONE MICROSOFT WAY, PATENT DOCKETING GROUP DEPT
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15423904

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: usdocket@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

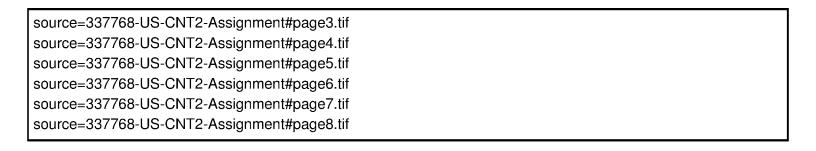
Address Line 2:PATENT DOCKETING GROUP DEPTAddress Line 4:REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	337768-US-CNT[2]
NAME OF SUBMITTER:	MICHAEL B. DODD
SIGNATURE:	/Michael B. Dodd/
DATE SIGNED:	02/03/2017

Total Attachments: 8

source=337768-US-CNT2-Assignment#page1.tif source=337768-US-CNT2-Assignment#page2.tif

PATENT 504211809 REEL: 041167 FRAME: 0371



PATENT REEL: 041167 FRAME: 0372

inventor of sul	oject matter (' itled " <u>CROSS-F</u>	'INVENTION") disclosed <u>PLATFORM DATA VISU</u> A	nal inventor or an original joint and/or claimed in a patent ALIZATIONS USING COMMON
ASS De _l Wa her Ap _l Off	SIGNEE'S legal r partment, Micro shington 98052 e in parenthe plication No ice	ASSIGNOR hereby authorepresentatives, of the Labsoft Corporation, One Market (ASSIGNEE'S LEGAL REPReses (filed on	w and Corporate Affairs licrosoft Way, Redmond, RESENTATIVES), to insert and given by the following) this APPLICATION's
	13/668,206	nber 2, 2012 and was giv 5 by the fol ";	
successors and a entire and exclus (and all other	assigns ("ASSIG sive rights, title applications ai and for the Ur	NEE"), is entitled to, and and interest in the INV nd patents derived the	n, on behalf of itself and its is desirous of acquiring, the ENTION and the APPLICATION erefrom, such as continuing les, and all foreign countries
REPRESENTATIVES	S to insert the		uests, ASSIGNEE'S LEGAL g date, and Office into the
Application No.		Filing Date	Office
14/792,059		July 6, 2015	U.S. Patent Office
15/423,904		February 3, 2017	U.S. Patent Office

Page 1 of 2

PATENT REEL: 041167 FRAME: 0373

MS Docket No.: <u>337768.01</u>

PATENT ASSIGNMENT MS Docket No.: 337768.01

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 Fabian O. Winternitz	1/8/13 Date
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: 337768.01

I Aditya Unnithan ("ASS inventor of subject matter (application entitled " <u>CROSS-</u> <u>DESCRIPTIONS</u> " ("APPLICATION"	"INVENTION") disclosed a PLATFORM DATA VISUA	•
ASSIGNEE'S legal Department, Micr Washington 9805 here in parenth Application No	ASSIGNOR hereby authorepresentatives, of the Lavosoft Corporation, One Mi 2 (ASSIGNEE'S LEGAL REPReses (filed on	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given by the following this APPLICATION's
No <u>13/668,20</u>	mber 2, 2012 and was given by the foll ";	
Microsoft Corporation, successors and assigns ("ASSIGE entire and exclusive rights, tit (and all other applications applications, in and for the U"APPLICATION DERIVATIVES"));	GNEE"), is entitled to, and le and interest in the INV and patents derived the United States, its territori	ENTION and the APPLICATION refrom, such as continuing
ASSIGNOR hereby	authorizes, and requ	uests, ASSIGNEE'S LEGAI
REPRESENTATIVES to insert to	• •	_
following table for any APPLICA Application No.	Filing Date	Office
14/792,059	July 6, 2015	U.S. Patent Office
15/423,904	February 3, 2017	U.S. Patent Office

Page 1 of 2

PATENT REEL: 041167 FRAME: 0375

MS Docket No.: <u>337768.01</u>

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Inventor's Signature	01/03/2013 Date
Aditya Unnithan	
Printed Name in English	Printed Name in Native Language
	(if other than English)

inventor of application	vid Paul Hill ("ASSIGNOR") am the original inventor or an original joint subject matter ("INVENTION") disclosed and/or claimed in a patent entitled "CROSS-PLATFORM DATA VISUALIZATIONS USING COMMONNS" ("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 and given Application No by the following Office) this APPLICATION's Application No., filing date, and Office, when known;
\boxtimes	was filed on November 2, 2012 and was given Application
	No13/668,206 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
14/792,059	July 6, 2015	U.S. Patent Office
15/423,904	February 3, 2017	U.S. Patent Office

Page 1 of 2

MS Docket No.: 337768.01

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D. Niel.	12/20/12
Inventor's Signature	Date
David Paul Hill	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 337768.01

I Jeffrey A. Davis ("ASSIGNOR") am the original inventor or an original j nventor of subject matter ("INVENTION") disclosed and/or claimed in a pa application entitled " <u>CROSS-PLATFORM DATA VISUALIZATIONS USING COMM</u> DESCRIPTIONS" ("APPLICATION"), which:	tent
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 and given Application No by the following Office) this APPLICATION's Application No., filing date, and Office, when known;	
was filed on November 2, 2012 and was given Application No 13/668,206 by the following Office "USPTO";	

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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).

asker toma	12-7-2012
nventor's Signature	Date
effrey A. Davis	
rinted Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 337768.01