502578903 11/21/2013

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2624903

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
ANDREW BEGEL	03/01/2010	
THOMAS ZIMMERMANN	03/01/2010	
YIT PHANG KHOO	03/01/2010	
GINA D. VENOLIA	03/01/2010	

RECEIVING PARTY DATA

Name:	MICROSOFT CORPORATION	
Street Address:	NE MICROSOFT WAY	
City:	REDMOND	
State/Country:	WASHINGTON	
Postal Code:	98052	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12714522

CORRESPONDENCE DATA

Fax Number:

Phone: 4257040152

Email: assalm@microsoft.com

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

Correspondent Name: ASSAL MEFTAHI
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Address Line 2: 8/1197

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	328792.01
NAME OF SUBMITTER:	TUAN NGO

PATENT REEL: 031654 FRAME: 0432

502578903

Signature: /Tuan Ngo/	
Date:	11/21/2013
Total Attachments: 4 source=32879201SignedAssignmentsAsFile source=32879201SignedAssignmentsAsFile source=32879201SignedAssignmentsAsFile source=32879201SignedAssignmentsAsFile	ed_3-4-10#page2.tif ed_3-4-10#page3.tif

PATENT REEL: 031654 FRAME: 0433

PATENT ASSIGNMENT MS Docket No.: 328792.01

("ASS GNOR"), have invented subject	Zimmermann, Yit Phang Khoo, Gina D. Venolia matter ("INVENTION") disclosed and/or claimed in overing and Exploiting Relationships in Software:
hereby authorizes, a the Law and Corpora Microsoft Way, Redm customer number 69	this executed PATENT ASSIGNMENT. ASSIGNOR and requests, ASSIGNEE'S legal representatives, of the Affairs Department, Microsoft Corporation, One wond, Washington 98052, who are associated with 316, to insert here in parenthesis (Application No) this APPLICATION's Application No. and wn;
was filed on <u>Feb. 28.</u> is filed concurrently h	2010 and was given Application No. 12/714.522; nerewith;
successors and assigns ("ASSIGNEE") entire and exclusive rights, title and (and all other applications and papplications, in and for the United ("APPLICATION DERIVATIVES")); for good and valuable co acknowledged by the ASSIGNOR, the the ASSIGNEE, the entire and exclusi the APPLICATION (and APPLICATION I ASSIGNOR agrees to execute making and prosecution of the AP	all instruments and documents required for the PLICATION (and APPLICATION DERIVATIVES), for ived therefrom, and for the purpose of protecting
Inventor's Signature	3/1/10 Date
Andrew Begel	17415
Printed Name in English	Printed Name in Native Language (if other than English)

Page 1 of 2

PATENT ASSIGNMENT MS Docket No.: 328792.01

700000000000000000000000000000000000000	
How Zoul —— Inventor's Signature	03/01/2010 Date
Tho mas Zimmermann	700000000
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
Yit Phang Khoo	
Printed Name in English	Printed Name in Native Language (if other than English)
	3-1,2010
Inventor's Signature	Date
Gina D. Venoliq)00000000A\
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Printed Name in Englis		ited Name in Nati er than English)	ive Language	? ()f
Andrew Begel				
Inventor's Signature	 Dat	g)		
entire and exclusive right (and all other applicate applications, in and for ("APPLICATION DERIVATIVE For good and vacknowledged by the ASSIGNEE, the entire the APPLICATION (and APPLICATION (and APPLICATION)	ts, title and interest in ons and patents dering the United States, its (ES")); aluable consideration, aluable consideration, and exclusive rights, tip ELICATION DERIVATIVES to execute all instrument of the APPLICATION patent derived therefree constants and the patent derived therefree constants and the patent derived therefree constants are constants.	the INVENTION ived therefrom, territories and therefores and hereby sells, assite and interest is; ents and docume (and APPLICATIC om, and for the part of the par	and the APF such as call foreign of which is igns and training the INVEN ents require DN DERIVAT purpose of p	countries s hereby ansfers to TION and d for the IVES), for
Microsoft Corpora	tion, a Washington Co "ASSIGNEE"), is entitled		13	
hereby a the Law a Microsoft customes filing dat was filed	titled "Discovering and	Exploiting Related PATENT ASS S. ASSIGNBE'S legue and the microung to make the micro are the micro	ationships in IGNMENT. gal represen soft Corpora p are assoc hesis (Appli a Application	ASSIGNOR tatives, of ation, One iated with cation No. and
	gel, Thomas Zimmerma			

Page 1 of 2

MS Docket No.: 328792.01

PATENT ASSIGNMENT

MS Docket No.: 328792.01

Inventor's Signature	Date
Thomas Zimmermann	
Printed Name in English	Printed Name in Native Language (if
	other than English)
	March 1, 2010
Inventor's Signature	Date 1, 2010
Yit Phang Khoo	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
Jina D. Venoli	
	Printed Name in Native Language (if

Page 2 of 2

PATENT REEL: 031654 FRAME: 0437