502085140 10/05/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Daniel Marantz	09/27/2012
Aaron C. Yuen	09/28/2012
Priya Vaidyanathan	09/27/2012
Mark Blelock Atherton	09/28/2012
Parthasarathy Govindarajen	09/27/2012

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:	13632599

CORRESPONDENCE DATA

Fax Number: 4259367329

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

Phone: 425-707-9382

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: 337384.01

NAME OF SUBMITTER: Mohammad Adil

PATENT

REEL: 029080 FRAME: 0652

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Total Attachments: 10

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PATENT REEL: 029080 FRAME: 0653

	PATENT A	ASSIGNMENT	MS Docket No.: <u>337384.01</u>	
inventor of	subject matter ("INVENTION") disclosed	inventor or an original joint and/or claimed in a patent <u>O CONTENT</u> " ("APPLICATION"),	
	ASSIGNEE'S legal Department, Micr. Washington 9805 here in parenth Application No. Office United State	representatives, of the La osoft Corporation, One N 2 (ASSIGNEE'S LEGAL REP eses (filed on Oct 1.2 o. 13/632.599	by the following fice this APPLICATION's	
П	was filed an	and was giver	Application	
		by the following Offic	ce	
		H,		
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"));				
ASSIG	NOR hereby	authorizes, and rec	quests, ASSIGNEE'S LEGAL	
	•		ng date, and Office into the	
following table for any APPLICATION DERIVATIVES after they are known;				
Application I	No.	Filing Date	Office	
16.117				

Page 1 of 2

09/28/2012 07:57 4259367329

PATENT ASSIGNMENT MS Docket No.: 337384.01

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).

D. Mockeat	Sept 27/2012
Inventor's Signature	Date 500 47/2012
	Daniel Marantz
Daniel Marantz	Printed Name in Native Language (if other than English)

	PATENT ASSIGNM	ENT	MS Docket No.:	337384.01
inventor of subj	<u>Yuen</u> ("ASSIGNOR") an ect matter ("INVENTIO ed " <u>SEMANTIC ZOOM</u>	N") disclosed	and/or claimed	in a patent
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	GNEE'S legal representa	-		
	artment, Microsoft Corp		•	
-	hington 98052 (ASSIGNI			
	in parentheses (file			
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Page 1 of 2

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ile l	
	9/28/2012
Inventor's Signature	Date
An	Aaron C Yuen
Aaron C Yuen	Printed Name in Native Language (if other than English)

I <u>Priya Vaidyanathan</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>SEMANTIC ZOOM FOR RELATED CONTENT</u> " ("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 Oct 1. 2012 and given Application No. 13/632.599 by the following Office United States Patent and Trademark Office) this APPLICATION'S Application No., filing date, and Office, when known;				
was filed on and was given Application				
No by the following Office				
72				
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				
Time Date Office				

Page 1 of 2

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):

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Inventor's Signature

Date

PRIYA VAIDYANATHA N

Priya Vaidyanathan

Printed Name in Native Language

MS Docket No.: 337384.01

(if other than English)

of subject matte	r ("INVENTIO	۱") disclosed	and/or cla	aimed in	a patent
SIGNEE'S legal repartment, Micro ashington 98057 re in parenthe oplication No fice United State	epresentative osoft Corporat 2 (ASSIGNEE'S eses (filed o 13/632.599 es Patent and Tr	s, of the Law tion, One Mic LEGAL REPRE n Oct 1. 201 b ademark Office	and Corpo crosoft Way ESENTATIVE 2 by the this APF	orate Affai , Redmoni S), to inse and give followir	rs d, irt en ng
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PATENT REEL: 029080 FRAME: 0660

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):

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MM JA Inventor's Signature	9/28/2012 Date
Mark Bielock Atherton	Printed Name in Native Language (if other than English)

PATENT REEL: 029080 FRAME: 0661

	* * * * * * * * *	TOSTORAMETAE	MG DOCKET NO <u>33/384.01</u>
original join	t inventor of subj plication entitle	iect matter ("INVENTION")	the original inventor or ar disclosed and/or claimed in a FOR RELATED CONTENT
	ASSIGNEE'S legal Department, Mic Washington 9805 here in parentl Application N Office United Sta	ASSIGNOR hereby authorepresentatives, of the La rosoft Corporation, One Modern	w and Corporate Affairs licrosoft Way, Redmond, RESENTATIVES), to insert 012 and given by the following ice this APPLICATION's
	No	and was given by the following Offic ";	
successors a entire and e (and all oth applications, ("APPLICATIO	and assigns ("ASSI xclusive rights, tit her applications in and for the DN DERIVATIVES"));	GNEE"), is entitled to, and the INV and patents derived the United States, its territor	in, on behalf of itself and itself is desirous of acquiring, the ENTION and the APPLICATION erefrom, such as continuing les, and all foreign countries
REPRESENTA	TIVES to insert t		uests, ASSIGNEE'S LEGAL g date, and Office into the hev are known:
Application N		Filing Date	Office

Page 1 of 2

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	9/27/2012
Inventor's Signature	Date
C Parkos almy	Unigg 2-108) (B12005918in
Parthasarathy Govindarajen	Printed Name in Native Language
	(if other than English)

RECORDED: 10/05/2012