## 503850196 06/01/2016

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PHILIP ANDREW CHOU	05/31/2016
VENKATA N. PADMANABHAN	05/25/2016
RAJDEEP DAS	05/25/2016
GANESH ANANTHANARAYANAN	05/24/2016
JUNCHEN JIANG	05/31/2016

#### RECEIVING PARTY DATA

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City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15169429

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ATTORNEY DOCKET NUMBER:	MS1-6480US
NAME OF SUBMITTER:	SAYBRA MORRIS
SIGNATURE:	/Saybra Morris/
DATE SIGNED:	06/01/2016
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**Total Attachments: 10** 

PATENT REEL: 038759 FRAME: 0725

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PATENT REEL: 038759 FRAME: 0726

priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, 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

Attorney Docket No.: MS1- 6480US

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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

Phie a an	05/31/2016
Inventor's Signature	Date
Philip Andrew Chou	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

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v. whaten	05/25/2016
Inventor's Signature	Date
Venkata N. Padmanabhan	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

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Rajdup Det	05/25/2016
Inventor's Signature	Date
Rajdeep Das	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT			MS Docket N	o.:	359466.01
		Atto	omey Docket N	o.:	MS1- 6480US
	Ganesh Ananthana	rayanan	("ASSIGNOR")	) an	n the original inventor
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("APPLICATI	ON"), which:				
	will be filed. A ASSIGNEE'S legal re LLC., One Microsoft LEGAL REPRESENTA on the following Office this APPLICATION's known;	epresentative, t Way, Redmone ATIVES), to in and given A US – United Sta	Microsoft Tech d, Washington S sert here in p Application No ates Patent and	nnoi 980 pari <u>Tra</u>	logy Licensing, 52 (ASSIGNEE'S entheses (filedby sidemark Office)
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behalf of its of acquiring priority, in t derived the	elf and its successors 3, the entire and exc the INVENTION and th	and assigns ("/ lusive rights, t le APPLICATION nuing applicati	NSSIGNEE"), is eitle and interes I (and all other I (ons, in whole (	ntit st, i apı or i	I liability company, on led to, and is desirous including the right of plications and patents in part, in and for the ON DERIVATIVES"));
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Airest	May 24 2016
Inventor's Signature	Date
Ganesh Ananthanarayanan	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT AS	SSIGNMENT	MS Docket No :	359466.01
		Attorney Docket No.:	
or an origina	Junchen Jiang Il joint inventor of subject ma	("ASSIGNOR") an tter ("INVENTION") disclo	n the original inventor used and/or claimed in
a patent app	lication entitled	AMONOM IN A TO LENGTH PROPRIEMA	
	CM (M-CARY CIA IAIC) &	WORK PATH SELECTION	
("APPLICATIO	JN"), which:		
	will be filed. ASSIGNOR ASSIGNEE'S legal represents LLC., One Microsoft Way, Res LEGAL REPRESENTATIVES), on and g the following Office <u>USUnit</u> this APPLICATION's Applications	ative, Microsoft Technol dmond, Washington 980 to insert here in para diven Application No ted States Patent and Tra	logy Licensing, 52 (ASSIGNEE'S entheses (filed by idemark Office)
	was filed on by the Patent and Trademark Office	following Office <u>US – Un</u>	
behalf of itse of acquiring, priority, in the derived there United States	soft Technology Licensing, LL If and its successors and assign the entire and exclusive rigue ie INVENTION and the APPLIC efrom, such as continuing ap in its territories, and all foreign NOR hereby authorizes, and r	gns ("ASSIGNEE"), is entit phts, title and interest, i ATION (and all other app plications, in whole or i n countries ("APPLICATIC	led to, and is desirous including the right of olications and patents in part, in and for the DN DERIVATIVES"));
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Application No. Filing Date Office

RECORDED: 06/01/2016

MS Docket No.: 359466.01

Attorney Docket No.: MS1-6480US

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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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")):

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	nventor's Signature	Date
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F	rinted Name in English	Printed Name in Native Language (if other than English)