#### 12/15/2015 503613270

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3659901

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JANANI VASUDEVAN	04/24/2015
RICHARD JUNE	07/24/2015
PETER J. KAUFMAN	04/23/2015
JUSTIN HOU	04/24/2015

### **RECEIVING PARTY DATA**

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

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14699950

### **CORRESPONDENCE DATA**

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 4: SEATTLE, WASHINGTON 98101

ATTORNEY DOCKET NUMBER:	356785.02
NAME OF SUBMITTER:	ARCELIE GRAPES
SIGNATURE:	/Arcelie Grapes/
DATE SIGNED:	12/15/2015

**Total Attachments: 8** 

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> **PATENT** REEL: 037299 FRAME: 0024 503613270



PATENT REEL: 037299 FRAME: 0025

joint invento	or of subject matt	er ("INVENTION") disclose	original inventor or an origina ed and/or claimed in a patent MENT FOR DEVICES UNDER
MANAGEMEN	IT" ("APPLICATION	"), which:	
	ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEG parentheses (file No. Office	ASSIGNOR hereby aution representative, Microsoft rosoft Way, Redmond GAL REPRESENTATIVES), donby	t Technology Licensing,  , Washington 98052  to insert here in  and given Application  the following  ) this APPLICATION's
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behalf of its desirous of a right of prior patents deriv	elf and its succe equiring, the enti ity, in the INVENTI red therefrom, suc ted States, its	ssors and assigns ("ASSI re and exclusive rights, t ON and the APPLICATION h as continuing application	on limited liability company, on GNEE"), is entitled to, and is itle and interest, including the (and all other applications and ons, in whole or in part, in and ign countries ("APPLICATION
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41827-8061.US00/LEGAL125752386.1

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"));

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).

/H	4/23/2015
Inventor's Signature	Date
Peter J. Kaufman	
Printed Name in English	Printed Name in Native Language
	(if other than English)

inventor of application	subject matter	("INVENTION") disclosed PLE PHASE UNENROLLM	l inventor or an original joint and/or claimed in a patent MENT FOR DEVICES UNDER
	ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEG parentheses (file No. Office	ASSIGNOR hereby authorepresentative, Microsoft Crosoft Way, Redmond GAL REPRESENTATIVES), donby  Filing date, and Office, who	t Technology Licensing, , Washington 98052 to insert here in and given Application the following ) this APPLICATION's
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Page 1 of 2

41827-8061.US00/LEGAL125752433.1

PATENT REEL: 037299 FRAME: 0028

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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Justin Hou
Printed Name in English
Printed Name in English

Printed Name in English

Printed Name in Native Language
(if other than English)

	I	PATENT ASSIGNMENT	MS Docket No.: 356785.01
application	roi oi subject Mi	atter ("INVENTION") disclo <u>TIPLE PHASE</u> UNENROL	e original inventor or an original osed and/or claimed in a patent LMENT FOR DEVICES UNDER
	ASSIGNEE'S leg- LLC., One M (ASSIGNEE'S L parentheses (fil No. Office	al representative, Microso licrosoft Way, Redmor EGAL REPRESENTATIVES led on	oft Technology Licensing, and, Washington 98052 ), to insert here in and given Application the following this APPLICATION's men known;
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desirous of a right of prior patents deriv for the Unit DERIVATIVES	err and its succesticquiring, the entity, in the INVENT red therefrom, sucted States, its '));	essors and assigns ("ASS lire and exclusive rights, in TON and the APPLICATION on as continuing application territories, and all fore authorizes, and rec	on limited liability company, on GIGNEE"), is entitled to, and is title and interest, including the I (and all other applications and ons, in whole or in part, in and eign countries ("APPLICATION")
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MS Docket No.: 356785.01

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Inventor's Signature	04/24/2015 Date
Janani Vasudevan	
Printed Name in English	Printed Name in Native Language (if other than English)

# PATENT ASSIGNMENT MS Docket No.: 356785.01

inventor of application	subject matter (	"INVENTION") disclosed <u>PLE PHASE UNENROLLM</u>	ial inventor or an original joint and/or claimed in a patent IENT FOR DEVICES UNDER
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behalf of its desirous of a right of prior patents deriv	self and its succestacquiring, the entirely, in the INVENTIFY (red therefrom, suctions) its	ssors and assigns ("ASSI re and exclusive rights, ti ON and the APPLICATION h as continuing application	n limited liability company, on GNEE"), is entitled to, and is itle and interest, including the (and all other applications and ons, in whole or in part, in and ign countries ("APPLICATION
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41827-8061.US00/LEGAL125752312,1

PATENT REEL: 037299 FRAME: 0032 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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175 /	24 July 2015		
Inventor's Signature			
inventor's Signature	Date		
Richard I. June			
Printed Name in English	Printed Name in Native Language		
	(if other than English)		

**RECORDED: 12/15/2015**