PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3521873

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VIJAY MITAL	09/08/2015
NIZAM ANUAR	08/07/2015
SURAJ T. POOZHIYIL	08/07/2015
HENRY HUN-LI REID PAN	08/07/2015
BAO QUOC NGUYEN	08/21/2015
ANDREW REDDISH	08/26/2015

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:	14794751

CORRESPONDENCE DATA

Fax Number: (801)328-1707

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.

Phone: 8015339800

Email: dso@wnlaw.com.usdocket@microsoft.com **Correspondent Name:** WORKMAN NYDEGGER/MICROSOFT Address Line 1: 60 E. SOUTH TEMPLE, SUITE 1000 Address Line 4: SALT LAKE CITY, WASHINGTON 84111

ATTORNEY DOCKET NUMBER:	13768.2581
NAME OF SUBMITTER:	ADRIAN J. LEE
SIGNATURE:	/Adrian J. Lee, Reg.# 42785/
DATE SIGNED:	09/11/2015

Total Attachments: 12

PATENT REEL: 036541 FRAME: 0001

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PATENT REEL: 036541 FRAME: 0002

MS Docket No.: 357858.01

WN Docket No.: 13768,2581

I <u>Vijay Mital</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>APPLICATION OPERATION RESPONSIVE TO OBJECT SPATIAL STATUS</u>" ("APPLICATION"), which:

will be file	ed. ASSIGNOR	hereby auth	orizes, and	requests,
ASSIGNEE'S	legal representati	ive, Microsoft	Technology	Licensing,
LLC., One	Microsoft Way	, Redmond,	Washingto	on 98052
(ASSIGNEE'S	LEGAL REPRES	SENTATIVES),	to insert	here in
parentheses	(filed on		and given	Application
	by the t			
	Trademark Office)		ΓΙΟΝ's Appli	cation No.,
filing date, a	and Office, when k	nown;		

was filed on July 8, 2015 and was given Application No

14/794,751 by the following Office "US ~ United States Patent and
Trademark Office":

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"));

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:

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Application No.	Filing Date	Office

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MS Docket No.: 357858.01

WN Docket No.: 13768,2581

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"));

VVI	9/4/15
Inventor's Signature	Date
Vijay Mital	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 357858.01

WN Docket No.: 13768.2581

I <u>Nizam Anuar</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>APPLICATION OPERATION RESPONSIVE TO OBJECT SPATIAL STATUS</u>" ("APPLICATION"), which:

will	be	filed.	ASSIG	NOR H	ereby	auth	orize	s, and	reque	sts,
ASSIC	NEE	'S legal	repres	entativ	e, Mici	rosoft	Tech	nology	Licens	ing,
LLC.,	Or	ne Mic	rosoft	Way,	Redr	nond,	Wa	ashingto	n 98	052
(ASSI	SNEE	'S LEC	GAL R	EPRESE	NTATI	VES),	to	insert	here	in
paren	ithes	es (file	d on _				and	given /	\pplica	tion
								<u>S - Uni</u>		
Paten	t an	d Trade	mark O	ffice) t	his AP	PLICAT	TION'	's Applie	ation I	٧٥,,
filing	date	, and O	ffice, w	hen kn	own;					

was filed on July 8, 2015 and was given Application No

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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.	Office

MS Docket No.: 357858.01

WN Docket No.: 13768.2581

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Afmf-24 Inventor's Signature	8/7/2015 Date
Nizam Anuar Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT MS Docket No.: 357858.01

WN Docket No.: 13768.2581

I <u>Surai T. Poozhivil</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>APPLICATION OPERATION RESPONSIVE TO OBJECT SPATIAL STATUS</u>" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests
ASSIGNEE'S legal representative, Microsoft Technology Licensing
LLC., 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 <u>US - United States</u>
Patent and Trademark Office) this APPLICATION's Application No.
filing date, and Office, when known;

was filed on July 8, 2015 and was given Application No

14/794,751 by the following Office "US – United States Patent and
Trademark Office";

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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	
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MS Docket No.: 357858.01

WN Docket No.: <u>13768.2581</u>

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Sar.	08/07/2015
Inventor's Signature	Date
Suraj T. Poozhiyil	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT	ASSIGNMENT
5 74 8 5 10 5	ACTOR REVIOUS TO A

MS Docket No.: <u>357858.01</u>

WN Docket No.: 13768.2581

I <u>Henry Hun-Li Reid Pan</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>APPLICATION OPERATION RESPONSIVE TO OBJECT SPATIAL STATUS</u>" ("APPLICATION"), which:

will be filed	d. ASSIGNOR	hereby auth	orizes, and	requests,
ASSIGNEE'S I	egal representat	ive, Microsoft	Technology	Licensing,
LLC., One	Microsoft Way	, Redmond,	Washingto	in 98052
(ASSIGNEE'S	LEGAL REPRE	SENTATIVES),	to insert	here in
parentheses	(filed on	***************************************	and given i	Application
No	by the	following Offi	ce <u>US – Un</u>	ited States
Patent and Ti	rademark Office)	this APPLICAT	ΓΙΟΝ's Appli	cation No.,
filing date, ar	nd Office, when k	:nown;		

was filed on July 8, 2015 and was given Application No

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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:

	*
Filing Date	Office
CONTRACTOR OF THE PROPERTY OF	

MS Docket No.: 357858.01

WN Docket No.: 13768.2581

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"));

1400	8/1/15
Inventor's Signature	Date
Henry Hun-Li Reid Pan	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: <u>357858.01</u>

WN Docket No.: 13768.2581

I <u>Bao Quoc Nouven</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>APPLICATION OPERATION RESPONSIVE TO OBJECT SPATIAL STATUS</u>" ("APPLICATION"), which:

will	be f	îled.	ASSIG	NOR	hereby	autho	orizes	, and	reque	sts,
ASSIG	NEE'	S legal	repres	entati	ve, Mic	rosoft	Tech	nology	Licensi	ng,
LLC.,	On	ie Mic	rosoft	Way	, Red	mond,	Wa	shingto	n 980)52
(ASSIC	SNEE	'S LEC	GAL R	EPRES	SENTATI	VES),	to	insert	here	in
paren	thes	es (file	d on _				and	given i	Applicat	ion
No.	***************************************		by	the 1	followin	g Offic	ce <u>US</u>	<u> - Un</u>	ited Sta	tes
<u>Paten</u>	<u>t anc</u>	d Trade	<u>mark O</u>	ffice)	this AP	PLICAT	'NOI	s Appli	cation N	ło.,
filing	date	, and O	ffice, w	hen k	nown;					

was filed on <u>July 8, 2015</u> and was given Application No

14/794,751 by the following Office "<u>US - United States Patent and Trademark Office</u>";

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MS Docket No.: 357858.01

WN Docket No.: 13768,2581

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	8/21/2015
Inventor's Signature	Date
Bao Quoc Nguyen	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 357858.01

WN Docket No.: <u>13768.2581</u>

I <u>Andrew Reddish</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>APPLICATION OPERATION RESPONSIVE TO OBJECT SPATIAL STATUS</u>" ("APPLICATION"), which:

$\square$ will be filed. ASSIGNOR here	by authorizes, and requests,
ASSIGNEE'S legal representative, M	Aicrosoft Technology Licensing,
LLC., One Microsoft Way, R	edmond, Washington 98052
(ASSIGNEE'S LEGAL REPRESENTA	ATIVES), to insert here in
parentheses (filed on	and given Application
No by the follow	ving Office <u>US – United States</u>
Patent and Trademark Office) this	APPLICATION's Application No.,
filing date, and Office, when knowr	3;

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			·

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WN Docket No.: 13768.2581

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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).

Arla Place	8/26/15
inventor's Signature	Date
Andrew Reddish	
Printed Name in English	Printed Name In Native Language (if other than English)

Page 2 of 2

PATENT REEL: 036541 FRAME: 0014