504123107 12/05/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4169777

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the INVENTOR NAME MANOH LALAVAT TO BE CORRECTED TO MANOJ LALAVAT previously recorded on Reel 037412 Frame 0819. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
GAUTAM DEORA	12/29/2015
VIKAS VERMA	12/29/2015
SAUMYA CHANDRA	12/29/2015
MANOJ LALAVAT	01/05/2016
SONIA SINGH	12/29/2015
BADHRI RAVIKUMAR	12/29/2015
ANUSHREE BANSAL	12/30/2015

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:	14988350

CORRESPONDENCE DATA

Fax Number: (832)375-0202

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: 425-707-9382

Email: usdocket@microsoft.com, vicki.kubitskey@iiplg.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER: 358721-US-NP

NAME OF SUBMITTER: BARRY D. BLOUNT

PATENT 504123107 REEL: 040816 FRAME: 0853

SIGNATURE:	/Barry D. Blount, Reg. # 35,069/					
DATE SIGNED:	12/05/2016					
Total Attachments: 18						
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PATENT REEL: 040816 FRAME: 0854

PATENT ASSIGNMENT MS Docket No.: 358721.01

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	LLC., One (ASSIGNEE'S parentheses No Office	Microsoft Way, Rei LEGAL REPRESENTAT (filed on	icrosoft Technology Licensing, Idmond, Washington 98052 TIVES), to insert here in and given Application by the following this APPLICATION's ice, when known;
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	was filed on_	and was	s given Application
	No	by the followin	ng Office
Micropehalf of intestrous of ight of price oatents' der or the University of the Uni	No "	by the followin "; y Licensing, LLC, a Was uccessors and assigns entire and exclusive ri ENTION and the APPLIC such as continuing ap ts territories, and a	ng Office shington limited liability company, is ("ASSIGNEE"), is entitled to, and ights, title and interest, including to CATION (and all other applications applications, in whole or in part, in a all foreign countries ("APPLICATION") I requests, ASSIGNEE'S LEG., filing date, and Office into the contract of the co

PATENT.	ASSIGNMENT	MS Docket No.:	358721.01
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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"));

12/29/2015
Date
Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: 358721.01

l <u>Vikas Verma</u> ('	'ASSIGNOR") a	am the orig	ginal inv	entor or a	an original	joint inventor
of subject matter ("Il	NVENTION")	disclosed	and/or	claimed	in a pate	nt application
entitled "Cross Device	Companion A	Application	For Pho	one" ("API	PLICATION	"), which:

Ø	will be filed. A	SSIGNOR hereby author	orizes, and requests,
	LLC., One Micro (ASSIGNEE'S LEGA	epresentative, Microsoft soft Way, Redmond, L REPRESENTATIVES), on	Washington 98052 to insert here in and given Application
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		ng date, and Office, wher	
	was filed on	and was given a	Application
	No	by the following Office	
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behalf of its desirous of right of prior patents deriv	self and its success acquiring, the entire rity, in the INVENTION ved therefrom, such lited.	ors and assigns ("ASSIC and exclusive rights, til N and the APPLICATION (as continuing application	n limited liability company, on SNEE"), is entitled to, and is the and interest, including the land all other applications and ins, in whole or in part, in and gn countries ("APPLICATION")
ASSIG	NOR hereby au	ithorizes, and requ	ests. ASSIGNEE'S LEGAL

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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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"));

	29 pgc 2015
Inventor's Signature	Date
Vikas Verma	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No. 358721 01

§ Sawmya_Chandra ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Cross Device Companion Application For Phone" ("APPLICATION"), which

will be filed.	ASSIGNOR here	by author	izes, and	requests,
ASSIGNEE'S legal	representative, #	dicrosoft T	echnology	Licensing,
LLC. One Mic	crosoft Way, R	edmond,	Washingti	on 98052
(ASSIGNEE'S LEI	CAL REPRESENT	ATIVES), t	o insert	here in
parentheses (file	d on		nd given	Application
No	***************************************	by	the	following
Office			this APP	LICATION'S
Application No., I	filing date, and Of	fice, when i	known.	
was filed on	and w	as given Ap	plication	
No	by the follow	ng Office		
	**			

Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns (ASSICNEE), 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 (SIRVATION)).

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Page 1 of 2

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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")).

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).

Sample Chandre	21 ^h) ceember 2015
Inventor's Signature	Date
Saumya Chandra	
Printed Name in English	Printed Name in Native Language (if other than English)

REEL: 040816 FRAME: 0860

MS Docket No.: 358721.01

I_ManojLalavati"ASSIGNOR") am the original inventor or an original joint inventor of subjectmatter ("INVENTION") disclosed and/or claimed in a patent application entitled "Cross Device Companion Application For Phone"("APPLICATION"), which:

- willbe 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 onand given Application No. bythe following Office)this APPLICATION'S Application No., filing date, and Office,when known;
- was filed on and was given Application Noby the following 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 or 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:

Application No.	Filing Date	Office	
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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 transfersto 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(andAPPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (andAPPLICATION DERIVATIVES).

Inventor's Signature Date

ManoiLalavat अस्ति

Printed Name in English Printed Name in Native Language

(if other than English)

MS Docket No.: 358721.01

I <u>Sonia Singh</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Cross Device Companion Application For Phone" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests.

L	LC., One Mic	representative, Micro rosoft Way, Redin (AL REPRESENTATIV	ond, Washington	98052
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	this APPLICATIO nown;	N's Application No.,	filing date, and Offic	ce, when
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b	y the following C	Affice "	? ,	
behalf of itsel desirous of acright of priority patents derived for the Unite DERIVATIVES")) ASSIGNOREPRESENTATIVE following table	If and its succest quiring, the entility, in the INVENTI d therefrom, succed States, its to CR hereby VES to insert tills of for any APPLICA	rensing, LLC, a Washingsors and assigns (" re and exclusive right ON and the APPLICAT the as continuing application and all authorizes, and all TION DERIVATIVES af	'ASSIGNEE"), is entited to the cast of the	cled to, and is including the pplications and in part, in and ("APPLICATION NEE'S LEGAL
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MS Docket No.: 358721.01

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, 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"));

Saria	12/29/2015
Inventor's Signature	Date
Sonia Singh	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 358721.01

I <u>Badhri Ravikumar</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Cross Device Companion Application For Phone" ("APPLICATION"), which:

\boxtimes	will be filed. ASSIGNO	R hereby author	rizes, and requests,
	ASSIGNEE'S legal represent LLC., One Microsoft V	Vay, Redmond,	Washington 98052
	(ASSIGNEE'S LEGAL REP parentheses (filed onNo		and given Application
) this APPLICATION's Appli known;		
	was filed on	_ and was given A _l	pplication No
	by the following 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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PATENT ASSIGNMENT	MS Docket No.:	358721.01
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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")):

X Boll:	12/29/2015
Inventor's Signature	Date
Badhri Ravikumar	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 358721.01

I <u>Anushree Bansal</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Cross Device Companion Application For Phone" ("APPLICATION"), which:

X	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
) this APPLICATION's Application No., filing date, and Office, when known;
	was filed on and was given Application No
	by the following 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:

Application No.	Filing Date	Office	****************

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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"));

Ann	30 \12 \ 20[5
Inventor's Signature	Date
Anushree Bansal	**************************************
Printed Name in English	Printed Name in Native Language (if other than English)

	rancini	Appromission	M3 DOCKELIAG <u>338721.01</u>
inventor of	subject matter	("INVENTION") disclos	nal inventor or an original joint sed and/or claimed in a patent cation For Phone" ("APPLICATION")
⊠	will be filed.	ASSIGNOR hereby	authorizes, and requests,
	LLC., One Mi (ASSIGNEE'S LE parentheses (file No.	crosoft Way, Redm GAL REPRESENTATIV d on	osoft Technology Licensing, ond, Washington 98052 ES), to insert here in and given Application by the following Office filing date, and Office, when
	was filed on	and was gi	iven Application No
	by the following	Office '	7.
behalf of its desirous of right of prior patents deriv	self and its succe acquiring, the ent rity, in the INVENT ved therefrom, su Ited States, its	essors and assigns (". ire and exclusive right TON and the APPLICAT ch as continuing applic	ngton limited liability company, or ASSIGNEE"), is entitled to, and is ts, title and interest, including the ION (and all other applications and cations, in whole or in part, in and foreign countries ("APPLICATION
REPRESENTA	TIVES to insert		requests, ASSIGNEE'S LEGAL filing date, and Office into the ter they are known;
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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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Smelvila	12/29/2015
Inventor's Signature	Date
Snehita Peddi	
Printed Name in English	Printed Name in Native Language
	(if other than English)