503338565 06/05/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3385185

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RYAN A. JANSEN	01/08/2015
MARK D. OVERHOLT	12/01/2014
PRABIR KRISHNA SHRESTHA	01/08/2015
AMIN BAGHERI	12/02/2014
ZHAO YU	12/18/2014
JULIO O. CASAL TERREROS	12/02/2014
DASARADHA RAMU YALAMANCHILI	12/16/2014

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:	14306095

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.comCorrespondent Name:WORKMAN NYDEGGER/MICROSOFTAddress Line 1:60 E. SOUTH TEMPLE, SUITE 1000

Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	13768.2400.1
NAME OF SUBMITTER:	ADRIAN J. LEE
SIGNATURE:	/Adrian J. Lee, Reg.# 42785/
DATE SIGNED:	06/05/2015

PATENT REEL: 035836 FRAME: 0707

503338565

Total Attachments: 14 source=Assignment#page1.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif source=Assignment#page9.tif source=Assignment#page9.tif source=Assignment#page10.tif source=Assignment#page11.tif source=Assignment#page12.tif source=Assignment#page13.tif source=Assignment#page13.tif source=Assignment#page14.tif

PATENT REEL: 035836 FRAME: 0708

	PATENT ASSIGNMENT	MS Docket No.: 341630.02
		WN Docket No.: <u>13768.2400.1</u>
	will be filed. ASSIGNOR hereby a ASSIGNEE'S legal representatives, of the Department, Microsoft Corporation, One Washington 98052 (ASSIGNEE'S LEGAL R here in parentheses (filed on by the f States Patent and Trademark Off Application No., filing date, and Office, we will be applied to the state of the states of the s	e Microsoft Way, Redmond, REPRESENTATIVES), to insert and given following Office <u>US – United</u> Fice) this APPLICATION's
	was filed on <u>June 16, 2014</u> and was give No <u>14/306095</u> by the following Office and <u>Trademark Office</u> ";	
successors a entire and e INVENTION therefrom, s	soft Corporation, a Washington Corporation assigns ("ASSIGNEE"), is entitled to, exclusive rights, title and interest, incluand the APPLICATION (and all other auch as continuing applications, in whole tritories, and all foreign countries ("APPLI	and is desirous of acquiring, the ding the right of priority, in the applications and patents derived e or in part, in and for the United
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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	

MS Docket No.: 341630.02

WN Docket No.: 13768.2400.1

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"));

Mr Ch	1/8/2015
Inventor's Signature	Date
Ryan A. Jansen	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT	ASSIGNMENT	MS Docket No.: <u>341630.02</u>	
	W	N Docket No.: <u>13768.2400.1</u>	
inventor of subject matter	("INVENTION") disclosed	l inventor or an original joint and/or claimed in a patent L AND COMMUNICATION	
ASSIGNEE'S legal Department, Mici Washington 9805 here in parenth Application No States Patent	ASSIGNOR hereby authorepresentatives, of the Latosoft Corporation, One Mize (ASSIGNEE'S LEGAL REProcess (filed on by the following date, and Office, where	w and Corporate Affairs cicrosoft Way, Redmond, RESENTATIVES), to insert and given owing Office <u>US - United</u> this APPLICATION's	
was filed on June 16, 2014 and was given Application No 14/306095 by the following Office "US - United States Patent and Trademark Office":			
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, 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 REPRESENTATIVES to insert t following table for any APPLICA	he Application No., filin	hav ava temarem	
Application No.	Filin , Date	Office	

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Page 1 of 2

MS Docket No.: 341630.02

WN Docket No.: <u>13768.2400.1</u>

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Mark Orechst	12-01-2014
Inventor's Signature	Date
Mark D. Overholt	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT A	ASSIGNMENT	MS Docket No.: 341630.02	
	WN	Docket No.: <u>13768.2400.1</u>	
joint inventor of subject matte	r ("INVENTION") disclosed	riginal inventor or an origina d and/or claimed in a patent ANDCOMMUNICATION	
☐ will be filed.	ASSIGNOR hereby author	orizes, and requests,	
ASSIGNEE'S legal i	epresentatives, of the Lav	v and Corporate Affairs	
Department, Micro	osoft Corporation, One Mi	crosoft Way, Redmond,	
_	2 (ASSIGNEE'S LEGAL REPR		
	eses (filed on		
	by the follow		
	and Trademark Office)		
Application No., 11	ling date, and Office, whe	n known;	
was filed on <u>June</u>	16, 2014 and was given A	pplication	
No 14/306095 by the following Office "US - United States Patent			
and Trademark O			
Microsoft Corporation	a Washington Cornoratio	n, on behalf of itself and it:	
•	-		
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 APPLICAT	·	_	
	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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ASSIGNOR hereby	•	uests, ASSIGNEE'S LEGA	
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Application No.	Filing Date	Office	

MS Docket No.: 341630.02

WN Docket No.: <u>13768.2400.1</u>

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Brother.	01/08/15
inventor's Signature	Date
Prabir Krishna Shrestha	THE RESIDENCE OF THE PERSON OF
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT MS Docket No.: 341630.02

4.11.100 to 100	· ·	
	WN	Docket No.: <u>13768.2400.1</u>
I <u>Amin Bagheri</u> ("ASSIC	NOR") am the original i	nventor or an original joint
inventor of subject matter ("I	NVENTION") disclosed a	nd/or claimed in a patent
application entitled "USER	INTERFACE CONTROL	AND COMMUNICATION"
("APPLICATION"), which:		
will be filed.	ASSIGNOR hereby autho	orizes, and requests,
	epresentatives, of the Law	
	soft Corporation, One Mic	
Washington 98052	(ASSIGNEE'S LEGAL REPRE	SENTATIVES), to insert
	ses (filed on	
	by the follow	
<u>States Patent a</u>	nd Trademark Office)	this APPLICATION's
Application No., fil	ling date, and Office, wher	ı known;
	16, 2014 and was given Ap	
	y the following Office " <u>US</u>	<u>– United States Patent</u>
<u>and Trademark Of</u>	<u>fice</u> ";	
Microsoft Corporation, a successors and assigns ("ASSIC entire and exclusive rights, tit INVENTION and the APPLICAT therefrom, such as continuing States, its territories, and all for	iNEE"), is entitled to, and le and interest, including ION (and all other appli applications, in whole or	the right of priority, in the cations and patents derived in part, in and for the United
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ASSIGNOR hereby		iests, ASSIGNEE'S LEGAL
REPRESENTATIVES to insert the	he Application No., filing	g date, and Office into the
following table for any APPLICA		
Application No.	Filing Date	Office
I	i i	·

MS Docket No.: 341630.02

WN Docket No.: <u>13768.2400.1</u>

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"));

Inventor's Signature	12/02/2014 Date
Amin Bagheri	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Mis Docker Ser. 1810/000

WN Docker School Control

I Zhao Yu ("ASSIGNOR") am the original inventor or an original joint inventor of an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application sortiled "USER INTERFACE CONTROL AND COMMUNICATION" ("APPLICATION"), which

- was filed on June 16, 2014 and was given Application No. 14/306095 by the following Office "US. United States Patent and Trademark Office":

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, 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

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MS Docket No. 341630302

WN Dacker No. 1276/24004

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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PATENT.	ASSIGNMENT	MS Docket No.: <u>341630.02</u>
	WN	Docket No.: 13768.2400.
joint inventor of subject matte	er ("INVENTION") disclosed	riginal inventor or an original and/or claimed in a paten AND COMMUNICATION
Department, Micr Washington 9805 here in parenth Application No States Patent Application No., f	ASSIGNOR hereby auth representatives, of the Law osoft Corporation, One Mi 2 (ASSIGNEE'S LEGAL REPR eses (filed on by the folloand Trademark Office) illing date, and Office, whe	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given wing Office <u>US - United</u> this APPLICATION's n known;
	16, 2014 and was given A by the following Office " <u>US</u> ffice";	
Microsoft Corporation, successors and assigns ("ASSIGENTIFE and exclusive rights, to INVENTION and the APPLICATION such as continuing States, its territories, and all for	GNEE"), is entitled to, and tle and interest, including FION (and all other appl applications, in whole or	the right of priority, in the leations and patents derived in part, in and for the United
ASSIGNOR hereby REPRESENTATIVES to insert t	,	uests, ASSIGNEE'S LEGA g date, and Office into the
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Application No.	Filing Date	Office
	i	i .

MS Docket No.: 341630.02

WN Docket No.: 13768.2400.1

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Anlin Carol	12/2/2014
inventor's Signature	Date
Julio O. Casal Terreros	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT.	ASSIGNMENT	MS Docket No.: 341630.02
	WN	Docket No.: <u>13768.2400.1</u>
I <u>Dasaradha Ramu Yala</u> original joint inventor of subject patent application entitled "("APPLICATION"), which:	ect matter ("INVENTION") o	
☐ will be filed.	ASSIGNOR hereby author	orizes. and requests.
	representatives, of the Lav	
•	osoft Corporation, One Mi	•
•	2 (ASSIGNEE'S LEGAL REPR	•
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	and Trademark Office)	
Application No., f	iling date, and Office, whe	n known;
X was filed on lune	16, 2014 and was given A	polication
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and Trademark O		
1		
Microsoft Corporation,	a Washington Corporation	n, on behalf of itself and its
successors and assigns ("ASSIG		
entire and exclusive rights, ti	_	· · · · · · · · · · · · · · · · · · ·
INVENTION and the APPLICAT		
therefrom, such as continuing		
States, its territories, and all fo	reign countries (APPLICAT	ION DERIVATIVES //,
ASSIGNOR hereby	authorizes, and requ	iests, ASSIGNEE'S LEGAL
REPRESENTATIVES to insert t	•	g date, and Office into the
following table for any APPLICA		
Application No.	Filing Date	Office

MS Docket No.: 341630.02

WN Docket No.: <u>13768.2400,1</u>

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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U.O.Ramo		12/16/2014	
Inventor's Signature		Date	
Dasaradha Ramu Yalamanchili			
Printed Name in English		Printed Name in Native Language	
		(if other than English)	