502481036 09/03/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
David Abzarian	06/13/2013
Hirofumi Yamamoto	06/13/2013
Youlian Simidjiyski	06/12/2013
Alex G. Snitkovskiy	06/13/2013
Ramachandran Gurumoorthy	06/13/2013
Rouella J. Mendonca	06/13/2013
Kelli Marie Zielinski	06/13/2013
Alice Tang	06/13/2013

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:	13917507

CORRESPONDENCE DATA

Fax Number: 5093238979

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 5093249256

Email: jenniferp@leehayes.com

Correspondent Name: Lee & Hayes, pllc

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Address Line 4: Spokane, WASHINGTON 99201

ATTORNEY DOCKET NUMBER: MS1-5409US PATENT

502481036 REEL: 031128 FRAME: 0015

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NAME OF SUBMITTER:	Jennifer Phipps
Signature:	/Jennifer Phipps/
Date:	09/03/2013
Total Attachments: 16 source=YF7402#page1.tif source=YF7402#page3.tif source=YF7402#page4.tif source=YF7402#page5.tif source=YF7402#page5.tif source=YF7402#page7.tif source=YF7402#page8.tif source=YF7402#page9.tif source=YF7402#page10.tif source=YF7402#page11.tif source=YF7402#page11.tif source=YF7402#page13.tif source=YF7402#page15.tif source=YF7402#page15.tif source=YF7402#page15.tif source=YF7402#page15.tif source=YF7402#page16.tif	

PATENT REEL: 031128 FRAME: 0016

PATENT .	ASSIGNMENT MS	S Docket No.:	339393.01
	Attorne	y Docket No.:	MS1- 5409US
I David Abz	arian ("AS		
or an original joint inventor of	subject matter ("INVE	NTION") disclo	sed and/or claimed
in a patent application entitled			
Modi	fying Input Delivery to Appl	ications	
("APPLICATION"), which:			
	ASSIGNOR hereby	authorizes. ai	nd requests.
	representatives, of the		
	osoft Corporation, On	•	
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_	eses (filed on		
	by the f		
States Patent	and Trademark Of	fice) this A	PPLICATION's
Application No., f	ling date, and Office,	when known;	
\square was filed on	and was gi	ven Applicatio	n No
	by the following Offic	e " <u>US – United</u>	States Patent
<u>and Trademark O</u>	ffice)";		
Microsoft Corporation,	a Washington Corpor	ation, on beh	alf of itself and its
successors and assigns ("ASSIG	GNEE"), is entitled to,	and is desiro	us of acquiring, the
entire and exclusive rights, tit	le and interest in the	INVENTION ar	nd the APPLICATION
(and all other applications	-		_
applications, in and for the l	Inited States, its terr	itories, and a	ll foreign countries
("APPLICATION DERIVATIVES"));			
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following table for any APPLICA		_	
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Application No.	Tilling Date	Office	

Attorney Docket No.: MS1- 5409US

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 in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

Inventor's Signature	06/13/2013_ Date
David Abzarian	
Printed Name in English	Printed Name in Native Language (if other than English)

	PATENT ASSIGNMENT	MS Docket No.:	338383.01
	A	nomey Docket No.:	M81- 5409US
1	Hirofumi Yamamoto	("ASSIGNOR") am	the original inventor
or an cricinal loint	inventor of subject matter	("INVENTION") discie	sed and/or claimed
in a patent applicat			
	Modifying Input Delivery	to Applications	
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anson, ürra€1	rtment, Microsoft Corporatio	on. One Microsoft W	ay, Redmond,
Wash	Ington 98052 (ASSIONEE'S L	EGAL REPRESENTATI	VES), to insert
here	in parentheses (filed on		_ and given
Asoli	cation No.	y the following Offic	ce <u>US, » United</u>
<u>State</u>	s Patent and Trademan	k Office) this \prime	APPLICATION'S
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□ was t	filed onand	was given Application	on Nó
	by the followin	g Office "USUalte:	d States Catent
and "	Trademark Office)":		
Microsoft C	orporation, & Washington	Corporation, on be	nam qi mashi dhq ma
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PATENT ASSIGNMENT

MS Docket No.:

339393.01

Attorney Docket No.:

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For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby seits, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and 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).

Inventor's Signature

Hirofumi Yamamoto

Printed Name in English

Printed Name in Native Language

(if other than English)

PATENT .	ASSIGNMENT MS I	Oocket No.:	339393.01
	Attorney I	Oocket No.:	MS1- 5409US
ا Youlian Simi	djiyski ("ASSI	GNOR") am	the original inventor
or an original joint inventor of	subject matter ("INVENT	TON") disclo	osed and/or claimed
in a patent application entitled			
Modi	fying Input Delivery to Applica	tions	
("APPLICATION"), which:			
· · ·	ASSIGNOR hereby au	thorizes, a	nd requests.
	representatives, of the L		
•	osoft Corporation, One	•	
Washington 9805	2 (ASSIGNEE'S LEGAL REI	PRESENTATIV	VES), to insert
here in parenth	eses (filed on		_ and given
Application No	by the fol	lowing Offic	e <u>US – United</u>
<u>States Patent</u>	and Trademark Offic	<u>e</u>) this A	PPLICATION's
_ · ·	Application No., filing date, and Office, when known;		
	and was give	n Applicatio	n No
	by the following Office '	<u>'US – United</u>	States Patent
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Microsoft Corporation,	-		
successors and assigns ("ASSIC			•
entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing			
applications, in and for the United States, its territories, and all foreign countries			
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ASSIGNOR hereby	authorizes, and re	quests, A	SSIGNEE'S LEGAL
REPRESENTATIVES to insert t	he Application No., fil	ng date, a	nd Office into the
following table for any APPLICA	TION DERIVATIVES after	they are kno	own;
Application No.	Filing Date	Office	

Page 1 of 2

Attorney Docket No.: MS1- 5409US

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 in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

John Griga	06/12/2013
Inventor's Signature	Date
Youlian Simidjiyski	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT .	ASSIGNMENT M	AS Docket No.:	339393.01
	Attorn	ey Docket No.:	MS1- 5409US
I Alex G. Snith	kovskiy ("A	-	
or an original joint inventor of	subject matter ("INV	/ENTION") disclo	sed and/or claimed
in a patent application entitled			
Modi	fying Input Delivery to Ap	plications	
("APPLICATION"), which:			
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Microsoft Corporation,	<del>-</del>		
successors and assigns ("ASSIC			• •
entire and exclusive rights, tit (and all other applications			
applications, in and for the l	•	•	-
("APPLICATION DERIVATIVES"));	mileu states, its te	illitories, and a	ii loreigii countiles
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PATENT ASSIGNMENT MS Docket No.: 339393.01

Attorney Docket No.: MS1- 5409US

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 in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

Inventor's Signature	06/13/2013 Date
Alex G. Snitkovskiy	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT	ASSIGNMENT M	S Docket No.:	339393.01	
	Attorne	y Docket No.:	MS1- 5409US	
I Ramachandran G	iurumoorthy ("As	-		
or an original joint inventor of	subject matter ("INVE	ENTION") disclo	sed and/or claimed	
in a patent application entitled				
Modi	fying Input Delivery to App	lications		
("APPLICATION"), which:				
	ASSIGNOR hereby	authorizes, ar	nd requests,	
ASSIGNEE'S legal	representatives, of the	e Law and Corp	oorate Affairs	
<del>-</del>	osoft Corporation, On	•		
Washington 9805	2 (ASSIGNEE'S LEGAL I	REPRESENTATIV	/ES), to insert	
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Application No., f	iling date, and Office,	when known;		
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	by the following Offic	ce " <u>US – United</u>	States Patent	
<u>and Trademark O</u>	<u>ffice</u> )";			
Microsoft Corporation,	a Washington Corpor	ation, on beh	alf of itself and its	
successors and assigns ("ASSI	GNEE"), is entitled to,	and is desirou	us of acquiring, the	
entire and exclusive rights, tit				
(and all other applications and patents derived therefrom, such as continuing				
applications, in and for the United States, its territories, and all foreign countries				
("APPLICATION DERIVATIVES"));				
ASSIGNOR hereby	authorizes, and	requests, A	.SSIGNEE'S LEGAL	
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Attorney Docket No.: MS1-5409US

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Inventor's Signature	06/13/2013 Date		
Ramachandran Gurumoorthy			
Printed Name in English	Printed Name in Native Language		
	(if other than English)		

PATENT .	ASSIGNMENT MS Do	ocket No.: 339393.01		
	Attorney Do	ocket No.: MS1-5409US		
IRouella J. Me	•	NOR") am the original inventor		
or an original joint inventor of	subject matter ("INVENTION"	ON") disclosed and/or claimed		
in a patent application entitled				
Modi	ying Input Delivery to Application	ons		
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("APPLICATION"), which:				
	ASSIGNOR hereby auth	orizes and requests		
	representatives, of the La			
	osoft Corporation, One M	•		
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States Patent	and Trademark Office)	this APPLICATION's		
Application No., f	ling date, and Office, whe	n known;		
$\square$ was filed on	and was given	Application No		
	by the following Office "U	S – United States Patent		
<u>and Trademark O</u>	ffice)";			
Microsoft Corporation,	a Washington Corporatio	n, on behalf of itself and its		
successors and assigns ("ASSIC	GNEE"), is entitled to, and	is desirous of acquiring, the		
entire and exclusive rights, tit				
(and all other applications	•			
applications, in and for the United States, its territories, and all foreign countries				
("APPLICATION DERIVATIVES"));				
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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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PATENT ASSIGNMENT MS Docket No.: 339393.01

Attorney Docket No.: MS1-5409US

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Rymendonce	06/13/2013
Inventor's Signature	Date
Rouella J. Mendonca	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATEN	Γ ASSIGNMENT	MS Docket No.:	339393.01		
	Att	orney Docket No.:	MS1- 5409US		
IKelli Marie			the original inventor		
or an original joint inventor	of subject matter ("	INVENTION") disclo	osed and/or claimed		
in a patent application entitle	d				
Мо	Modifying Input Delivery to Applications				
("APPLICATION"), which:					
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ASSIGNEE'S lega	ıl representatives, c	of the Law and Cor	porate Affairs		
	crosoft Corporation	·	•		
Washington 980	)52 (ASSIGNEE'S LEG	GAL REPRESENTATI	VES), to insert		
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(and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries					
("APPLICATION DERIVATIVES"));					
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ASSIGNOR hereby	authorizes, an	d requests, A	ASSIGNEE'S LEGAL		
REPRESENTATIVES to insert	the Application N	lo., filing date, a	nd Office into the		
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Application No.	Filing Date	Office			
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Attorney Docket No.: MS1-5409US

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Lea M.Z.S	06/13/2013		
Inventor's Signature	Date		
Kelli Marie Zielinski			
Printed Name in English	Printed Name in Native Language		
	(if other than English)		

06/13/2013 15:21 4257271872 PAGE 02

	PATENT	ASSIGNMENT	MS Doo	ket No.:	339393.01
		At	torney Doo	ket No.:	MS1- 5409US
Alice	Tang				the original inventor
or an origina	l joint inventor of	subject matter	("INVENTIO	N") disclo	sed and/or claimed
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	Washington 9805				
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PATENT ASSIGNMENT MS Docket No.: 339393.01

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Inventor's Signature

Date

Alice Tang

Printed Name in English

Printed Name in Native Language

(if other than English)