505383465 03/20/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5430258

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHENGUANG YANG	08/14/2015
ANNIE Y. BAI	08/14/2015
JULIE C. SETO	08/11/2015
JAMES R. FULLMER	08/14/2015
JULIANNE M. EMMONS	08/11/2015

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	5600 148TH AVENUE NE
Internal Address:	REDWEST-C
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16256479

CORRESPONDENCE DATA

Fax Number:

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: 952-476-6088 Email: drud@khcip.com

Correspondent Name: MICROSOFT CORPORATION **Address Line 1:** 5600 148TH AVENUE NE

Address Line 2: REDWEST-C

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	357756-US-CNT
NAME OF SUBMITTER:	DAWN C. RUD
SIGNATURE:	/Dawn C. Rud/
DATE SIGNED:	03/20/2019

PATENT 505383465 REEL: 048642 FRAME: 0655

Total Attachments: 10 source=357756-US-CNT_Assignments#page1.tif source=357756-US-CNT_Assignments#page2.tif source=357756-US-CNT_Assignments#page3.tif source=357756-US-CNT_Assignments#page4.tif source=357756-US-CNT_Assignments#page5.tif source=357756-US-CNT_Assignments#page6.tif source=357756-US-CNT_Assignments#page7.tif source=357756-US-CNT_Assignments#page8.tif source=357756-US-CNT_Assignments#page9.tif source=357756-US-CNT_Assignments#page9.tif source=357756-US-CNT_Assignments#page10.tif

PATENT REEL: 048642 FRAME: 0656

MS Docket No.: 357756.01

I <u>Chenquang Yang</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONTEXT-BASED COMMAND SURFACING" ("APPLICATION"), which:

\boxtimes	will be	filed.	ASSIGNOR	hereby	authorize	es, and	requests,
	LLC., One LEGAL RE	Microso PRESEN	representat oft Way, Redi TATIVES), to and giv	mond, Wa	ashington here in	98052 (A	ASSIGNEE'S eses (filed
	the follo	wing (Office			de la companione de la co) this
	was filed (on	a	nd was g	jiven Appl	ication	
	No		by the fo	ollowing ":	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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Page 1 of 2

MS Docket No.: 357756.01

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"));

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).

nventor's Signature	8/14/2015 Date
Thenguang Yang	
rinted Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 357756.01

I Annie Y. Bai ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONTEXT-BASED COMMAND SURFACING" ("APPLICATION"), which:

will be	filed. ASSIGNOR hereby	authorizes, and requests
		rosoft Technology Licensing
LLC., One	Microsoft Way, Redmond, W	ashington 98052 (ASSIGNEE'S
LEGAL R	EPRESENTATIVES), to insert	t here in parentheses (filed
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the follow	wing Office) this
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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"));

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Application No.	Filing Date	Office
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Page 1 of 2

MS Docket No.: 357756.01

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A->	\$1412015
Inventor's Signature	Date
Annie Y. Bai	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 357756.01

I Julie C. Seto ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONTEXT-BASED COMMAND SURFACING" ("APPLICATION"), which:

\boxtimes	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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MS Docket No.: 357756.01

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Inventor's Signature Julie C. Seto	Aug.11, 2015 Date
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 357756.01

I James R. Fullmer ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONTEXT-BASED COMMAND SURFACING" ("APPLICATION"), which:

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LLC., C	ne M	icrosof	t Way, Red	lmond	l, Wash	iington	98052	(ASSIG	NEE'S
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this Af	PPLIC	ATION'	s Applicat	ion N	o., filir	ng date	e, and C	iffice,	when
known	•-: \$								

was filed on <u>August 14, 2015</u> and was given Application No

14/826/935 by the following Office "<u>US - United States Patent and Trademark Office</u>";

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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PATENT

REEL: 036807 FRAME: 0625

REEL: 048642 FRAME: 0663

MS Docket No.: 357756.01

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James R. Fullmer

Printed Name in English Printed Name in Native Language
(if other than English)

REEL: 048642 FRAME: 0664

MS Docket No.: 357756.01

I Julianne M. Emmons ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONTEXT-BASED COMMAND SURFACING" ("APPLICATION"), which:

\boxtimes	will	be	filed.	ASSIGNOR	hereby	autho	rizes,	and	requests,
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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"));

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Aventor a Signature

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RECORDED: 03/20/2019