505586116 07/23/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5632915

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID LEO WRIGHT HALL	07/17/2019
DAVID ERNESTO HEEKIN BURKETT	07/18/2019
JESSE DANIEL ESKES RUSAK	07/17/2019
ALEXANDER J. KOLMYKOV-ZOTOV	07/22/2019
JASON ANDREW WOLFE	07/17/2019
JACOB DANIEL ANDREAS	07/17/2019
ADAM DAVID PAULS	07/16/2019
JOHN PHILIP BUFE III	07/17/2019
JAYANT SIVARAMA KRISHNAMURTHY	07/18/2019
DANIEL LOUIS KLEIN	07/22/2019

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	ONE MICROSOFT WAY
Internal Address:	PATENT GROUP DOCKETING DEPT
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16520211

CORRESPONDENCE DATA

Fax Number: (425)936-7329

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.

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Email: usdocket@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

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Address Line 4: REDMOND, WASHINGTON 98052

PATENT REEL: 049838 FRAME: 0871

505586116

ATTORNEY DOCKET NUMBER:	406879-US-NP
NAME OF SUBMITTER:	VLADIMIR A. KOZYREV
SIGNATURE:	/VLADIMIR A. KOZYREV/
DATE SIGNED:	07/23/2019

Total Attachments: 20

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> PATENT REEL: 049838 FRAME: 0872

PATENT ASSIGNM	MENT MS	S Docket No.: <u>406879-US-N</u>	<u>1P</u>
joint inventor of subject	matter ("INVENTION")	am the original inventor or disclosed and/or claimed FOR CONVERSATIONAL	in a paten
ASSIGNEE'S I LLC, One Mic LEGAL REPRE July 23, 201 the following	egal representative, Morosoft Way, Redmond, SENTATIVES), to insert general and given App office	eby authorizes, and requisitions of the chnology Licer, Washington 98052 (ASSIGN there in parentheses (filed polication No. 16/520,211 filing date, and Office,	nsing, NEE'S on by) this
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behalf of itself and its s desirous of acquiring, the right of priority, in the INV patents derived therefrom	uccessors and assigr entire and exclusive ENTION and the APPLI , such as continuing a	ashington limited liability ons ("ASSIGNEE"), is entitled rights, title and interest, in ICATION (and all other applapplications, in whole or in all foreign countries ("A	I to, and including the ications and part, in and
ASSIGNOR hereb REPRESENTATIVES to inse following table for any APF	ert the Application N	nd requests, ASSIGNEE No., filing date, and Offic ES after they are known;	
Application No.	Filing Date	Office	

Dad Le myst Bell	07/17/19
Inventor's Signature	Date
David Leo Wright HALL	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMEN	Γ MS Docket	No.: <u>406879-US-NP</u>
I <u>David Ernesto Heekin</u> original joint inventor of subjection patent application entitled " ("APPLICATION"), which:	ct matter ("INVENTION") o	
ASSIGNEE'S legal LLC, One Microso LEGAL REPRESENT July 23, 2019 the following Offi	ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing ATIVES), to insert here in part and given Application Noce application Noc., filing da	Technology Licensing, ston 98052 (ASSIGNEE'S parentheses (filed on lo. 16/520,211 by) this
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Microsoft Technology Lid behalf of itself and its success desirous of acquiring, the enti- right of priority, in the INVENTI patents derived therefrom, suc- for the United States, its to DERIVATIVES"));	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION (h as continuing applicatio	tle and interest, including the (and all other applications and ns, in whole or in part, in and
ASSIGNOR hereby REPRESENTATIVES to insert the following table for any APPLICA	ne Application No., filing	
Application No.	Filing Date	Office

Find Errose FahrBanket	07/18/2019
Inventor's Signature	Date
David Ernesto Heekin BURKETT	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT MS Docket No.: 406879-US-NP I Jesse Daniel Eskes RUSAK ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ERROR RECOVERY FOR CONVERSATIONAL SYSTEMS" ("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 July 23, 2019 and given Application No. 16/520,211 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

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).

JAN DAL SA EL-C Inventor's Signature	14 17 2019 Date
Jesse Daniel Eskes RUSAK	
Printed Name in Fnalish	Printed Name in Native Language

(if other than English)

PATENT ASSIGNMENT MS Docket No.: 406879-US-NP

I <u>Alexander J. KOLMYKO</u> original joint inventor of subjection patent application entitled " ("APPLICATION"), which:	ect matter ("INVENTION")	
ASSIGNEE'S legal LLC, One Microso LEGAL REPRESENT July 23, 2019 the following Offi	ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing ATIVES), to insert here in part and given Application for the cent of the control of	Technology Licensing, pton 98052 (ASSIGNEE'S parentheses (filed on look look look look look look look l
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Inventor's Signature

Date

Alexander J. KOLMYKOV-ZOTOV

Printed Name in English

ANEWCHUP KONMUKOG-BOTOB

Printed Name in Native Language

(if other than English)

PATENT ASSIGNMENT MS Docket No.: 406879-US-NP

l <u>Jason Andrew WOLFE</u> ("	ASSIGNOR") am the origin	al inventor or an original join
inventor of subject matter ("INVENTION") disclosed	and/or claimed in a paten
application entitled "ERRO	R RECOVERY FOR C	CONVERSATIONAL SYSTEMS
("APPLICATION"), which:		
oxtimes will be filed.	ASSIGNOR hereby auth	orizes, and requests,
	representative, Microsoft	
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patents derived therefrom, suc	- · ·	•
for the United States, its 1	erritories, and all forei	ign countries ("APPLICATION
DERIVATIVES"));		
ASSIGNOR hereby	authorizes, and requ	uests, ASSIGNEE'S LEGA
REPRESENTATIVES to insert t	he Application No., filin	g date, and Office into the
following table for any APPLICA	TION DERIVATIVES after th	ney are known;
Application No.	Filing Date	Office
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Jose ahe Way	7/17/19
Inventor's Signature	Date
Jason Andrew WOLFE	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT	Γ MS Docket	No.: <u>406879-US-NP</u>	
joint inventor of subject matte	er ("INVENTION") disclose	iginal inventor or an original d and/or claimed in a patent CONVERSATIONAL SYSTEMS"	
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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"));			
ASSIGNOR hereby REPRESENTATIVES to insert the following table for any APPLICA	ne Application No., filing		
Application No.	Filing Date	Office	

MS Docket No.: <u>406879-US-NP</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	
Jacob Daniel ANDREAS Printed Name in English	Printed Name in Native Language

PATENT ASSIGNMEN	T MS Docket	No.: <u>406879-US-NP</u>	
		al inventor or an original joint	
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MS Docket No.: 406879-US-NP

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Adam David Pauls Inventor's Signature	July 16, 2019 Date	
Adam David PAULS		
Printed Name in English	Printed Name in Native Language (if other than English)	

PATENT ASSIGNMENT MS Docket No.: 406879-US-NP

) am	the origin	al invent	or or an	ori	gin	al joint
ON")	disclosed	and/or	claimed	in	a	patent

I <u>John Philip BUFE III</u> ("	ASSIGNOR") am the origin	nal inventor or an original join		
inventor of subject matter	("INVENTION") disclosed	and/or claimed in a paten		
application entitled " <u>ERR(</u>	OR RECOVERY FOR	CONVERSATIONAL SYSTEMS		
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oxtimes will be filed.	ASSIGNOR hereby aut	thorizes, and requests,		
	l representative, Microso			
LLC, One Micros	oft Way, Redmond, Washir	ngton 98052 (ASSIGNEE'S		
	TATIVES), to insert here in	•		
July 23, 2019	and given Application	No. <u>16/520,211</u> by		
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REPRESENTATIVES to insert the Application No., filing date, and Office into th				
		they are known;		
Application No.	Filing Date	Office		
	_			

JuP_But	7/17/2019
Inventor's Signature	Date
John Philip BUFE III	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

MS Docket No.: 406879-US-NP

l <u>Jayant Sivarama KRIS</u> H	NAMURTHY ("ASSIGNOR")	am the original inventor or ar
original Joint inventor of subj	ect_matter ("INVENTION").	disclosed and/or claimed in a
patent application entitled	"ERROR RECOVERY FOR	CONVERSATIONAL SYSTEMS
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Microsoft Technology Li	censing, LLC, a Washingto	n limited liability company, or
behalf of itself and its succe desirous of acquiring, the enti- right of priority, in the INVENT patents derived therefrom, suc- for the United States, its DERIVATIVES"));	ssors and assigns ("ASSI re and exclusive rights, t ON and the APPLICATION h as continuing application	GNEE"), is entitled to, and is itle and interest, including the (and all other applications and ons, in whole or in part, in and
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MS Docket No.: 406879-US-NP

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Inventor's Signature	7/18/19 Date
Jayant Sivarama KRISHNAMURTHY	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMEN	T MS Docket	No.: <u>406879-US-NP</u>	
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Inventor's Signature	7/21/2419 Date
Daniel Louis KLEIN	
Printed Name in English	Printed Name in Native Language
	(if other than English)