507426854 08/08/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7473784

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JACOB DANIEL ANDREAS	10/09/2019
JAYANT SIVARAMA KRISHNAMURTHY	10/14/2019
ALAN XINYU GUO	10/10/2019
ANDREI VOROBEV	10/09/2019
JOHN PHILIP BUFE III	10/10/2019
JESSE DANIEL ESKES RUSAK	10/10/2019
YUCHEN ZHANG	10/24/2019

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:	17818116

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.

Phone: 4255389035

Email: usdocket@microsoft.com MICROSOFT CORPORATION **Correspondent Name:**

ONE MICROSOFT WAY Address Line 1:

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	407270-US-CNT
NAME OF SUBMITTER:	CATHERINE POLANCE
SIGNATURE:	/Catherine Polance/
DATE SIGNED:	08/08/2022

PATENT REEL: 060743 FRAME: 0934

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Total Attachments: 14 source=2022-08-08 Assignments 407270-US-CNT#page1.tif source=2022-08-08 Assignments 407270-US-CNT#page2.tif source=2022-08-08 Assignments 407270-US-CNT#page3.tif source=2022-08-08 Assignments 407270-US-CNT#page4.tif source=2022-08-08 Assignments 407270-US-CNT#page5.tif source=2022-08-08 Assignments 407270-US-CNT#page6.tif source=2022-08-08 Assignments 407270-US-CNT#page7.tif source=2022-08-08 Assignments 407270-US-CNT#page8.tif source=2022-08-08 Assignments 407270-US-CNT#page9.tif source=2022-08-08 Assignments 407270-US-CNT#page10.tif source=2022-08-08 Assignments 407270-US-CNT#page11.tif source=2022-08-08 Assignments 407270-US-CNT#page12.tif source=2022-08-08 Assignments 407270-US-CNT#page13.tif source=2022-08-08 Assignments 407270-US-CNT#page13.tif source=2022-08-08 Assignments 407270-US-CNT#page13.tif

PATENT REEL: 060743 FRAME: 0935

MS Docket No.: <u>407270-US-NP</u>

l <u>Jaco</u>	<u>b Daniel</u>	ANDREAS ('ASSIGNOR")	am the	original i	nventor o	r an (original
joint invento	or of sub	ject matter	("INVENTION"	') disclo	sed and/o	or claimed	l in a	patent
application	entitled	"RESPONSE	GENERATION	N FOR	CONVERS	ATIONAL	COM	<u>PUTING</u>
INTERFACE "	("APPLICA	TION"), which	ch:					

\times	will be filed. ASSIGN	OR hereby authorizes, and requests,			
	ASSIGNEE'S legal represe	ntative, Microsoft Technology Licensing,			
	LLC, One Microsoft Way, F	Redmond, Washington 98052 (ASSIGNEE'S			
	LEGAL REPRESENTATIVES), to insert here in parentheses (filed on				
	October 18, 2019 and g	jiven Application No. <u>16/657,675</u> by			
	the following Office U.S.	Patent and Trademark Office this			
	APPLICATION's Application	on 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"));

Application No.	Filing Date	Office
17/818,116	August 8, 2022	U.S. Patent and Trademark Office

MS Docket No.: <u>407270-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"));

Jah Gula	9 October 2019
Inventor's Signature	Date
Jacob Daniel ANDREAS	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 407270-US-NP

I <u>Javant Sivarama KRISHNAMURTHY</u> ("ASSIGNOR") am the original inventor or a
original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in
patent application entitled "RESPONSE GENERATION FOR CONVERSATIONA
COMPUTING INTERFACE" ("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 October 18, 2019 and given Application No. 16/657,675 by the following Office U.S. Patent and Trademark Office 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, of behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and it 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;
TOHOWING LADIE FOR ANY AFFLICATIONS DENIVATIVES AFTER LITER ATE KNOWN,

Application No.	Filing Date	Office
17/818,116	August 8, 2022	U.S. Patent and Trademark Office

MS Docket No.: <u>407270-US-NP</u>

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Q	10/14/19
inventor's Signature	Date
Jayant Sivarama KRISHNAMURTHY	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Alan Xinyu GUO</u> ("ASSIGNOR") am the original inventor or	an original joint
inventor of subject matter ("INVENTION") disclosed and/or claim	ed in a patent
application entitled " <u>RESPONSE GENERATION FOR CONVERSATION</u>	AL COMPUTING
INTERFACE" ("APPLICATION"), which:	

MS Docket No.: <u>407270-US-NP</u>

\boxtimes	will	be	filed.	ASSIGNO	R her	eby	authori	zes,	and	requ	uests,
	ASSIC	SNEE	E'S lega	al represent	tative,	Micro	soft Te	chnol	ogy I	Licen	ısing,
	LLC,	One	Micros	oft Way, Re	dmon	d, Was	hingtoi	า 980	52 (A	SSIG	NEE'S
	LEGA	L RE	PRESEN	NTATIVES), 1	o inse	rt here	e in par	enthe	ses (f	iled	on
	Octol	ber ⁻	18, 201	9 and giv	en Ap	plicati	ion No.	16/65	7,675	ı	by
	the f	ollov	wing O	ffice U.S. Pa	atent an	d Trade	emark Of	fice) this
	APPL	ICAT	ΓΙΟΝ's	Application	ı No.,	filing	g date,	and	Offi	ce,	when
	know	n;									
	was f	filed	on		and v	was qi	ven Ap	plicati	on No)	
				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"));

		· · · · · · · · · · · · · · · · · · ·
Application No.	Filing Date	Office
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ales	10/10/2019
Inventor's Signature	Date
Alan Xinyu GUO	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I And	lrei VORC	<u>BEV</u> ("ASSI	GNOR") am	the origir	nal invento	or or an	origina	l joint
inventor of	subject	matter ("	NVENTION")	disclosed	d and/or	claimed	in a	patent
application	entitled	"RESPONSI	GENERAT	ION FOR	CONVERSA	<u>ATIONAL</u>	COMP	UTING
INTERFACE" ("APPLICATION"), which:								

MS Docket No.: 407270-US-NP

\boxtimes	will be filed. ASSIGNOR	hereby authorizes, and red	quests
	ASSIGNEE'S legal representati	ve, Microsoft Technology Lice	ensing
	LLC, One Microsoft Way, Redm	ond, Washington 98052 (ASSI	GNEE'S
	LEGAL REPRESENTATIVES), to i	nsert here in parentheses (filed	on
	7-	Application No. <u>16/657,675</u>	
	the following Office U.S. Pate	nt and Trademark Office) this
	APPLICATION's Application	vo., filing date, and Office,	wher
	known;		
	was filed on a	nd 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")):

Application No.	Filing Date	Office
17/818,116	August 8, 2022	U.S. Patent and Trademark Office

MS Docket No.: 407270-US-NP

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	10/09/2015
Inventor's Signature	Date
Andrei VOROBEV	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS]	Docket 1	No.: <u>4072</u>	70-US-	<u>·NP</u>	
 41	:: 1			ii 1	:.

I John Philip BUFE III ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "RESPONSE GENERATION FOR CONVERSATIONAL COMPUTING INTERFACE" ("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					
	October 18, 2019 and given Application No. 16/657,675					
	the following Office U.S. Patent and Trademark Office this					
	APPLICATION's Application No., filing date, and Office, wher					
	known;					
	was filed on and was given Application No					
	by the following Office "";					

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<u> </u>		,
Application No.	Filing Date	Office
17/818,116	August 8, 2022	U.S. Patent and Trademark Office

MS Docket No.: <u>407270-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"));

J.P.B.I.TI	10/10/2019
Inventor's Signature	Date
John Philip BUFE III	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PAIE	II ASSIGNMEN	l M2	Docket No.: <u>407270-UD-NE</u>	
joint inventor application e	of subject matte	er ("INVENTION") c SE GENERATION I	m the original inventor or an origi- lisclosed and/or claimed in a pate FOR CONVERSATIONAL COMPUTI	ent
	ASSIGNEE'S legal LLC, One Microsol LEGAL REPRESENT October 18, 2019 the following Office	representative, Mit Way, Redmond, NATIVES), to insert I and given Applice U.S. Patent and T	y authorizes, and requests, icrosoft Technology Licensing, Washington 98052 (ASSIGNEE'S here in parentheses (filed on cation No. 16/657,675 by Trademark Office) this iling date, and Office, when	
			s given Application No 	
behalf of its desirous of a right of priori patents deriv	elf and its succe cquiring, the enti ty, in the INVENTI ed therefrom, suc ted States, its	ssors and assigns re and exclusive r ON and the APPLIC h as continuing ap	shington limited liability company, ("ASSIGNEE"), is entitled to, and ights, title and interest, including CATION (and all other applications applications, in whole or in part, in all foreign countries ("APPLICATI	l is the and
	IVES to insert t	he Application N	I requests, ASSIGNEE'S LEGo., filing date, and Office into after they are known;	
Application N		Filing Date	Office	
17/818,116		August 8, 2022	U.S. Patent and Trademark Offic	Эе

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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).

Jesse Daniel Eskes RUSAK
Printed Name in English

Printed Name in English

(If other than English)

MS Docket No.: 407270-US-NP

inventor of subject matter application entitled "RESPONINTERFACE" ("APPLICATION") will be filed. ASSIGNEE'S leg LLC, One Micro	r ("INVENTION") discloped of the control of the con	iginal inventor or an original joint osed and/or claimed in a patent or CONVERSATIONAL COMPUTING authorizes, and requests, crosoft Technology Licensing, ashington 98052 (ASSIGNEE'S ere in parentheses (filed on ation No by) this			
APPLICATION's known;	Application No., fil	ing date, and Office, when			
	was filed on October 18, 2019 and was given Application No 16/657,675 by the following Office "U.S. Patent and Trademark Office";				
behalf of itself and its sur desirous of acquiring, the e right of priority, in the INVE patents derived therefrom, for the United States, it DERIVATIVES"));	ccessors and assigns entire and exclusive rig NTION and the APPLICA such as continuing apps territories, and all authorizes, and	hington limited liability company, on ("ASSIGNEE"), is entitled to, and is plots, title and interest, including the ATION (and all other applications and plications, in whole or in part, in and foreign countries ("APPLICATION requests, ASSIGNEE'S LEGAL , filing date, and Office into the			
following table for any APPL	ICATION DERIVATIVES	after they are known;			
Application No.	Filing Date	Office			
17/818,116	August 8, 2022	U.S. Patent and Trademark Office			

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Inventor's Signature

Yuchen ZHANG

Printed Name in English

<u>10/24/20</u> Date

张雨辰

Printed Name in Native Language (if other than English)