507964104 06/16/2023

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8011241

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUSAN MARIE GRIMSHAW	03/27/2023
POONAM GANESH HATTANGADY	05/16/2023
CALEB WHITMORE	05/24/2023
TASHFEEN AHMED	05/17/2023
RAVI TEJA KOGANTI	03/24/2023
MICHAEL IVAN BORYSENKO	05/17/2023

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:	18178191

CORRESPONDENCE DATA

Fax Number: (626)577-8800

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: 6267959900

Email: cmanthie@lewisroca.com MICHAEL S. WAGNER **Correspondent Name:**

LEWIS ROCA ROTHGERBER CHRISTIE LLP Address Line 1:

Address Line 2: PO BOX 29001

Address Line 4: GLENDALE, CALIFORNIA 91209-9001

ATTORNEY DOCKET NUMBER:	412885-US-NP
NAME OF SUBMITTER:	CASEY J. MANTHIE
SIGNATURE:	/Casey J. Manthie/
DATE SIGNED:	06/16/2023

PATENT REEL: 063971 FRAME: 0629 507964104

Total Attachments: 12 source=2023-06-12-Signed-Assignment-412885-US-NP#page1.tif source=2023-06-12-Signed-Assignment-412885-US-NP#page2.tif source=2023-06-12-Signed-Assignment-412885-US-NP#page3.tif source=2023-06-12-Signed-Assignment-412885-US-NP#page4.tif source=2023-06-12-Signed-Assignment-412885-US-NP#page5.tif source=2023-06-12-Signed-Assignment-412885-US-NP#page7.tif source=2023-06-12-Signed-Assignment-412885-US-NP#page7.tif source=2023-06-12-Signed-Assignment-412885-US-NP#page8.tif source=2023-06-12-Signed-Assignment-412885-US-NP#page9.tif source=2023-06-12-Signed-Assignment-412885-US-NP#page10.tif source=2023-06-12-Signed-Assignment-412885-US-NP#page11.tif source=2023-06-12-Signed-Assignment-412885-US-NP#page12.tif

PATENT REEL: 063971 FRAME: 0630

I Susan Marie Grimshav inventor of subject matte application entitled "EFFII MESSAGE GENERATION" ("A	er ("INVENTION") disc CIENT MULTI-TURN (n a pateni
ASSIGNEE'S le LLC, One Micr LEGAL REPRE on the following	gal representative, Mi osoft Way, Redmond, V SENTATIVES), to inser and given App Office	y authorizes, and requ crosoft Technology Licen Vashington 98052 (ASSIGI t here in parentheses olication No i date, and Office, when kn	ising, NEE'S (filed by this
		given Application ice <u>"US-United States Pate</u>	<u>:nt</u>
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Application No.	Filing Date	Office	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	1		

Sugar Grindy	03/27/2022
Inventor's Signature	Date
Susan Marie CRIMSHAW	
Printed Name in English	Printed Name in Native Language
	(if other than English)

1	THENT ASSIGNMENT	MB Docket 110 <u>412003-05-111</u>
joint inventor of sub application entitled	oject matter ("INVENTION") di	n the original inventor or an original isclosed and/or claimed in a patent ENERATIVE AI MODEL SUGGESTED
ASSIGNE LLC, On LEGAL on the fol	EE'S legal representative, Mic le Microsoft Way, Redmond, W REPRESENTATIVES), to inser and given App Ilowing Office	authorizes, and requests, crosoft Technology Licensing, /ashington 98052 (ASSIGNEE'S there in parentheses (filed lication Noby
No <u>18/</u>	d on <u>March 3, 2023</u> and was <u>o</u> <u>178,191</u> by the following Offi <u>demark Office</u> ";	
behalf of itself and its of acquiring, the ent priority, in the INVEN derived therefrom, su United States, its terr	s successors and assigns ("ASS ire and exclusive rights, title TION and the APPLICATION (a uch as continuing application itories, and all foreign countri	hington limited liability company, on IGNEE"), is entitled to, and is desirous and interest, including the right of all other applications and patents s, in whole or in part, in and for the ies ("APPLICATION DERIVATIVES")); ASSIGNEE'S LEGAL REPRESENTATIVES
	tion No., filing date, and Of TIVES after they are known;	fice into the following table for any
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).

Inventor's Signature

Poonam Ganesh HATTANGADY

Printed Name in English

May 16, 2023

Date

Printed Name in Native Language (if other than English)

PATENT A	SSIGNMENT MS	Docket No.: <u>412885-US-NP</u>
I Caleb Whitmore ("ASSIGN inventor of subject matter ("I application entitled "EFFICIENT MESSAGE GENERATION" ("APPLICE	INVENTION") disclosed a MULTI-TURN GENERAT	•
ASSIGNEE'S legal r LLC, One Microsoft LEGAL REPRESENT on the following Of APPLICATION's App	ASSIGNOR hereby authorepresentative, Microsoft way, Redmond, Washingt ATIVES), to insert here and given Application office and filing date, are as a was given Application was given Application was given Application has given has	Technology Licensing, con 98052 (ASSIGNEE'S in parentheses (filed No
	\prime the following Office " $\overline{\sf US-}$	
Microsoft Technology Lice behalf of itself and its successors of acquiring, the entire and exc priority, in the INVENTION and the derived therefrom, such as cont United States, its territories, and	s and assigns ("ASSIGNEE"), clusive rights, title and in he APPLICATION (and all o cinuing applications, in wh	terest, including the right of ther applications and patents ole or in part, in and for the
ASSIGNOR hereby authoriz	zes, and requests, ASSIGN	EE'S LEGAL REPRESENTATIVES
to insert the Application No., fi	_	the following table for any
APPLICATION DERIVATIVES after	· ·	F
Application No.	Filing Date	Office

Entelmore	05/24/2023	
Inventor's Signature	Date	
Caleb WHITMORE		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

TATENTA		Docket 110 <u>412003-05-111</u>
I Tashfeen Ahmed ("ASSIG inventor of subject matter ("I application entitled "EFFICIENT MESSAGE GENERATION" ("APPLIC	NVENTION") disclosed a MULTI-TURN GENERAT	•
ASSIGNEE'S legal r LLC, One Microsoft LEGAL REPRESENT on the following Of	ASSIGNOR hereby authorepresentative, Microsoft Way, Redmond, Washingth ATIVES), to insert here and given Application Fice and siven Application of the polication of the	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed Noby) this
	3, 2023 and was given Ap the following Office " <u>US–</u> ice";	
behalf of itself and its successors of acquiring, the entire and exception priority, in the INVENTION and the derived therefrom, such as cont United States, its territories, and	and assigns ("ASSIGNEE"), clusive rights, title and in ne APPLICATION (and all o inuing applications, in wh all foreign countries ("API	terest, including the right of ther applications and patents nole or in part, in and for the
to insert the Application No., fi	ling date, and Office into	
Application No.	Filing Date	Office

MS Docket No.:<u>412885-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"));

Tashfeenst	05/17/2023
Inventor's Signature	Date
Tashfeen AHMED	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENTA	SSIGNMENT MS	Docket No.: <u>412885-US-NP</u>
I Ravi Teja Koganti ("ASSICIIII inventor of subject matter ("I application entitled "EFFICIENT MESSAGE GENERATION" ("APPLIC	INVENTION") disclosed a MULTI-TURN GENERAT	•
ASSIGNEE'S legal r LLC, One Microsoft LEGAL REPRESENT on the following Of APPLICATION's App	olication No., filing date, ar	Technology Licensing, con 98052 (ASSIGNEE'S in parentheses (filed No
	3, 2023 and was given Ap the following Office " <u>US–</u> ice";	
Microsoft Technology Lice behalf of itself and its successors of acquiring, the entire and exc priority, in the INVENTION and the derived therefrom, such as cont United States, its territories, and	s and assigns ("ASSIGNEE"), clusive rights, title and in he APPLICATION (and all o cinuing applications, in wh	terest, including the right o ther applications and patents ole or in part, in and for the
ASSIGNOR hereby authori	zes, and requests, ASSIGN	EE'S LEGAL REPRESENTATIVES
to insert the Application No., f	_	the following table for any
APPLICATION DERIVATIVES after	· ·	- 00:
Application No.	Filing Date	Office

Inventor's Signature	
Ravi Teja KOGANTI	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT A	SSIGNMENT MS	Docket No.: <u>412885-US-NP</u>
I Michael Ivan Borysenko ("A inventor of subject matter (" application entitled "EFFICIENT MESSAGE GENERATION" ("APPLIC	INVENTION") disclosed a F MULTI-TURN GENERAT	•
ASSIGNEE'S legal in LLC, One Microsoft LEGAL REPRESENT on the following O	ASSIGNOR hereby authorepresentative, Microsoft to Way, Redmond, Washington (ATIVES), to insert here and given Application ffice blication No., filing date, and given here to be a section of the control of the c	Technology Licensing, con 98052 (ASSIGNEE'S in parentheses (filed Noby
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Microsoft Technology Lice behalf of itself and its successors of acquiring, the entire and ex- priority, in the INVENTION and to derived therefrom, such as cont United States, its territories, and	s and assigns ("ASSIGNEE"), clusive rights, title and in he APPLICATION (and all o tinuing applications, in wh	terest, including the right of ther applications and patents role or in part, in and for the
ASSIGNOR hereby authori to insert the Application No., f APPLICATION DERIVATIVES after	iling date, and Office into	EE'S LEGAL REPRESENTATIVES the following table for any
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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).

Inventor's Signature Michael Ivan BORYSENKO	5/17/2023 Date
Printed Name in English	Printed Name in Native Language
-	(if other than English)

RECORDED: 06/16/2023