506333050 11/02/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6379801

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHAOHAN HUANG	06/21/2018
LEI CUI	06/21/2018
TAO GE	06/21/2018
FURU WEI	01/18/2019
MING ZHOU	06/21/2018

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:	17051409

CORRESPONDENCE DATA

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Correspondent Name: SCHWEGMAN LUNDBERG & WOESSNER, P.A.

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ATTORNEY DOCKET NUMBER:	404015-US-PCT/1777.A18US1
NAME OF SUBMITTER:	TYLYN MOORE
SIGNATURE:	/tylyn moore/
DATE SIGNED:	11/02/2020

Total Attachments: 11

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PATENT 506333050 REEL: 054240 FRAME: 0273



PATENT REEL: 054240 FRAME: 0274

RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 404015-US-PCT (1777.A18US1) Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Microsoft Technology Licensing, LLC Shaohan Huang, Lei Cui, Tao Ge, Furu Wei, Ming Zhou Street Address: One Microsoft Way Additional name(s) of conveying party(ies) attached? City: Redmond State: WA Zip Country: United States of America Zip: <u>98052</u> []Yes [X]No 3. Nature of conveyance: Additional name(s) & address(es) attached? []Yes [X]No [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: <u>June 21, 2018, June 21, 2018, June 21, 2018, January 18, 2019, June 21, 2018</u> 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Serial No. 17/051,409 Additional numbers attached? []Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41):\$ 0.00 Name: Andrew R. Peret [[Enclosed [Authorized to be charged to deposit account Address: 19-0743 Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 8. Please charge any additional fees or credit any over Minneapolis, Minnesota 55402 payments to our Deposit Account No.: 19-0743 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. 1 andrew Peret 1
Signature 11/02/2020 Andrew R. Peret/Reg. No. 41,246 Name of Person Signing Date Total number of pages including cover sheet: 11 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Mail Stop Assignment Recordation Services P.O. Box 1450

Alexandria, VA 22313-1450

PATENT REEL: 054240 FRAME: 0275

PATENT ASSIGNMENT MS Docket No.: 404015-CN-NP

I <u>Shaohan HUANG</u> ("ASS inventor of subject matter (application entitled " <u>AUTONO</u>	"INVENTION") disclosed	•
ASSIGNEE'S legal LLC, One Microso LEGAL REPRESEN on No. Office	ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing TATIVES), to insert here and by	Technology Licensing, gton 98052 (ASSIGNEE'S in parentheses (filed given Application the following) this APPLICATION's
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Property Office of	f the People's Republic of	<u>China</u> ";
Microsoft Technology Lie behalf of itself and its succe 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 ("ASSI re and exclusive rights, ti ON and the APPLICATION h as continuing application	tle and interest, including the (and all other applications and ns, in whole or in part, in and
ASSIGNOR hereby	authorizes, and req	uests, ASSIGNEE'S LEGAL
REPRESENTATIVES to insert the	ne Application No., filin	g date, and Office into the
following table for any APPLICA	TION DERIVATIVES after the	ney are known;
Application No.	Filing Date	Office

shoharhverz	6/21/2018
Inventor's Signature	Date
Shaohan HUANG	黄绍晗
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT MS Docket No.: 404015-CN-NP

subject matt	er ("INVENTION") c	-	or an original joint inventor of in a patent application entitled DN"), which:
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Lei Cui	June 21, 2018	
Inventor's Signature	Date	
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Printed Name in English	Printed Name in Native Language	
	(if other than English)	

	disclosed and/or claimed	or an original joint inventor of in a patent application entitled ON"), which:
ASSIGNEE'S legal LLC, One Microso LEGAL REPRESEN on No. Office	ASSIGNOR hereby aut I representative, Microsol oft Way, Redmond, Washir ITATIVES), to insert her and by filing date, and Office, wh	ft Technology Licensing, agton 98052 (ASSIGNEE'S e in parentheses (filed given Application the following _) this APPLICATION's
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葛珠	2018, 6.21.	
Inventor's Signature	Date	
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PATENT ASSIGNMENT

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Application N		Filing Date		office	

Furu Wei	2019-01-18
Inventor's Signature	Date
Furu WEI	韦福如
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT	MS Docket No.: 404015-CN-NP
I Ming ZHOU ("ASSIGNOR") am the origin of subject matter ("INVENTION") disclosed a entitled "_AUTONOMOUS GENERATION OF MEL	nal inventor or an original joint inventor ind/or claimed in a patent application ODY" ("APPLICATION"), which:
LLC, One Microsoft Way, Redmond LEGAL REPRESENTATIVES), to in on No.	Microsoft Technology Licensing, d, Washington 98052 (ASSIGNEE'S isert here in parentheses (filed and given Application by the following
was filed on June 1, 2018 and was No 201810558917.1 by the folic Property Office of the People's Re	owing Office " State Intellectual
Microsoft Technology Licensing, LLC, a V behalf of itself and its successors and assig desirous of acquiring, the entire and exclusive right of priority, in the INVENTION and the APPL patents derived therefrom, such as continuing for the United States, its territories, and DERIVATIVES"));	ins ("ASSIGNEE"), is entitled to, and is rights, title and interest, including the ICATION (and all other applications and applications, in whole or in part, in and
REPRESENTATIVES to insert the Application following table for any APPLICATION DERIVATIVE	nd requests, ASSIGNEE'S LEGAL No., filing date, and Office Into the ES after they are known;
Application No. Filing Date	Office

m.Zfm	6/21/2018
Inventor's Signature	Date
Ming ZHOU	周明
Printed Name in English	Printed Name in Native Language (if other than English)