

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6379801

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	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
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	MICROSOFT TECHNOLOGY LICENSING, LLC	
<b>Street Address:</b>	ONE MICROSOFT WAY	
<b>City:</b>	REDMOND	
<b>State/Country:</b>	WASHINGTON	
<b>Postal Code:</b>	98052	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	17051409	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<i>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.</i>		
<b>Email:</b>	usdocket@microsoft.com	
<b>Correspondent Name:</b>	SCHWEGMAN LUNDBERG & WOESSNER, P.A.	
<b>Address Line 1:</b>	PO BOX 2938	
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402	
<b>ATTORNEY DOCKET NUMBER:</b>	404015-US-PCT/1777.A18US1	
<b>NAME OF SUBMITTER:</b>	TYLYN MOORE	
<b>SIGNATURE:</b>	/tylyn moore/	
<b>DATE SIGNED:</b>	11/02/2020	
<b>Total Attachments: 11</b>		
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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.

1. Name of conveying party(ies):

Shaohan Huang, Lei Cui, Tao Ge, Furu Wei, Ming Zhou

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

2. Name and address of receiving party(ies):

Name: Microsoft Technology Licensing, LLC

Street Address: One Microsoft Way

City: Redmond State: WA Zip: 98052

Country: United States of America

Additional name(s) & address(es) attached? ☐ Yes  
☒ No

Execution Date: June 21, 2018, June 21, 2018, June 21,  
2018, January 18, 2019, June 21, 2018

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)

Serial No. 17/051,409

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Andrew R. Peret

Address:

Schwegman Lundberg & Woessner, P.A.  
P.O. Box 2938  
Minneapolis, Minnesota 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 0.00

☐ Enclosed

☐ Authorized to be charged to deposit account  
19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

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9. 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.

Andrew R. Peret/Reg. No. 41,246

Name of Person Signing

Andrew Peret

Signature

11/02/2020

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

I Shaohan HUANG ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUTONOMOUS GENERATION OF MELODY" ("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 \_\_\_\_\_ and given Application No. \_\_\_\_\_ by the following Office \_\_\_\_\_) this APPLICATION's Application No., filing date, and Office, when known;

☒ was filed on June 1, 2018 and was given Application No. 201810558917.1 by the following Office "State Intellectual Property Office of the People's Republic of China";

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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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).

	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)

I Lei CUI ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUTONOMOUS GENERATION OF MELODY" ("APPLICATION"), which:

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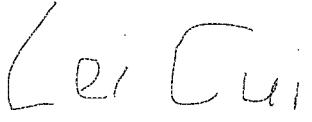
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	June 21, 2018
_____ Inventor's Signature	_____ Date
Lei CUI	崔磊
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Tao GE ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUTONOMOUS GENERATION OF MELODY" ("APPLICATION"), which:

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	<u>2018. 6. 21.</u>
Inventor's Signature	Date
<u>Tao GE</u>	<u>葛涛</u>
Printed Name in English	Printed Name in Native Language (if other than English)

I Furu WEI ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUTONOMOUS GENERATION OF MELODY" ("APPLICATION"), which:

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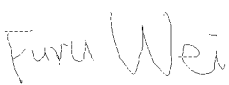
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	2019-01-18
_____ Inventor's Signature	_____ Date
<u>Furu WEI</u> Printed Name in English	<u>韦福如</u> Printed Name in Native Language (if other than English)

## PATENT ASSIGNMENT

MS Docket No.: 404015-CN-NP

I Ming ZHOU ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUTONOMOUS GENERATION OF MELODY" ("APPLICATION"), which:

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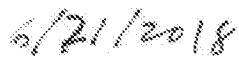
## PATENT ASSIGNMENT

MS Docket No.: 404015-CN-NP

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_____ Inventor's Signature	_____ Date
Ming ZHOU	周明
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)