

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6123587

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
XIULIAN PENG	05/12/2020
VINOD PRAKASH	05/15/2020
XIANGYU KONG	05/12/2020
SRIRAM SRINIVASAN	05/18/2020
YAN LU	05/12/2020
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:	16877257
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	usdocket@microsoft.com
Correspondent Name:	SCHWEGMAN LUNDBERG & WOESSNER, P.A.
Address Line 1:	P.O. BOX 2938
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402
ATTORNEY DOCKET NUMBER:	408053-US-NP/1777.E54US1
NAME OF SUBMITTER:	TYLYN MOORE
SIGNATURE:	/tylyn moore/
DATE SIGNED:	05/27/2020
Total Attachments: 11	
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RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 408053-US-NP (1777.E54US1)

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):

Xiulian Peng, Vinod Prakash, Xiangyu Kong, Sriram Srinivasan, Yan Lu

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

Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: May 12, 2020, May 15, 2020, May 12, 2020, May 18, 2020, May 12, 2020

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

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. 16/877,257

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Justin R. McCarthy

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

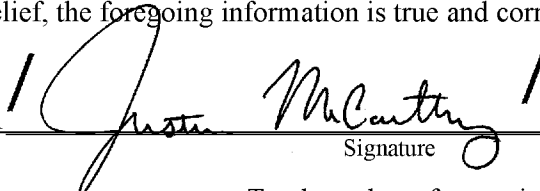
DO NOT USE THIS SPACE

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.

Justin R. McCarthy/Reg. No. 67.101

Name of Person Signing



Signature

05/26/2020

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: 052758 FRAME: 0200

I Xiulian Peng ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "REINFORCEMENT LEARNING FOR JITTER BUFFER CONTROL", 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 _____ and was given Application No. ____ by the following Office "_____ Patent 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

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).

<u>Xiulian Peng</u> Inventor's Signature	<u>2020/05/12</u> Date
<u>Xiulian Peng</u> Printed Name in English	<u>彭秀蓮</u> Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 408053-US-NP

I Vinod Prakash ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "REINFORCEMENT LEARNING FOR JITTER BUFFER CONTROL", which:

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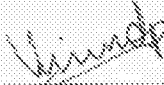
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	5/15/20
Inventor's Signature	Date
Vinod Prakash	विनोदः
Printed Name in English	Printed Name in Native Language (if other than English)

I Xiangyu Kong ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "REINFORCEMENT LEARNING FOR JITTER BUFFER CONTROL", which:

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<u>Xiangyu Kong</u> Inventor's Signature	<u>05/12/2020</u> Date
<u>Xiangyu Kong</u> Printed Name in English	<u>孔祥宇</u> Printed Name in Native Language (if other than English)

I Sriram Srinivasan (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “REINFORCEMENT LEARNING FOR JITTER BUFFER CONTROL”, which:

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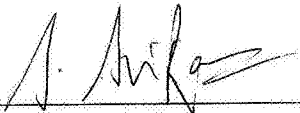
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	<i>5/18/2020</i>
_____ Inventor's Signature	_____ Date
Sriram Srinivasan	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Yan Lu ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "REINFORCEMENT LEARNING FOR JITTER BUFFER CONTROL", which:

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	<u>05/12/2020</u>
Inventor's Signature	Date
Yan Lu	<u>卢 宇</u>
Printed Name in English	Printed Name in Native Language (if other than English)