

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5377605

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DANIEL LO	02/14/2019
BITA DARVISH ROUHANI	02/13/2019
ERIC S. CHUNG	02/13/2019
YIREN ZHAO	02/13/2019
AMAR PHANISHAYEE	02/12/2019
RITCHIE ZHAO	02/08/2019
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:	16276395
CORRESPONDENCE DATA	
Fax Number:	(503)595-5301
<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>	
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Email:	valerie.sullivan@klarquist.com
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Address Line 4:	PORTLAND, OREGON 97204
ATTORNEY DOCKET NUMBER:	3382-101549-01
NAME OF SUBMITTER:	MARK W. WILSON
SIGNATURE:	/ Mark W. Wilson /
DATE SIGNED:	02/15/2019

Total Attachments: 12

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PATENT ASSIGNMENT

I, Daniel Lo ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ADJUSTING ACTIVATION COMPRESSION FOR NEURAL NETWORK TRAINING" ("APPLICATION"), which:

☒ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Microsoft Technology Licensing, LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES) to insert here in parentheses (filed on 02/14/2019, and given Application No. 16/276,395 by the following Office: United States Patent and Trademark Office) this APPLICATION's Application No. filing date, and Office, when known;

☐ was filed on _____ and was given Application No. _____ by the following Office "United States Patent and Trademark 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"));

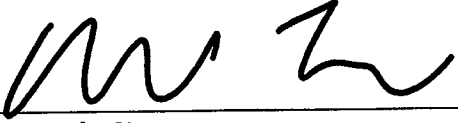
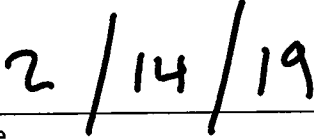
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For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to

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).

	
_____ Inventor's Signature	_____ Date
Daniel Lo _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I, Bita Darvish Rouhani ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ADJUSTING ACTIVATION COMPRESSION FOR NEURAL NETWORK TRAINING" ("APPLICATION"), which:

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
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<u> Bita Darvish Rouhani</u>	<u>02/13/2019</u>
Inventor's Signature	Date
<u>Bita Darvish Rouhani</u>	<u>بیٹا درویش رومانی</u>
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I, Eric S. Chung ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ADJUSTING ACTIVATION COMPRESSION FOR NEURAL NETWORK TRAINING" ("APPLICATION"), which:

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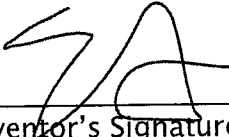
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 _____ Inventor's Signature	<u>2/13/19</u> _____ Date
Eric S. Chung _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I, Yiren Zhao ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ADJUSTING ACTIVATION COMPRESSION FOR NEURAL NETWORK TRAINING" ("APPLICATION"), which:

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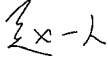
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	2019/02/13
_____ Inventor's Signature	_____ Date
Yiren Zhao	赵一人
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I, Amar Phanishayee ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ADJUSTING ACTIVATION COMPRESSION FOR NEURAL NETWORK TRAINING" ("APPLICATION"), which:

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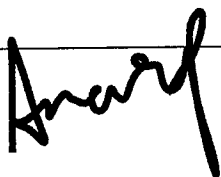
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	2/12/2019
_____ Inventor's Signature	_____ Date
Amar Phanishayee _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I, Ritchie Zhao ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ADJUSTING ACTIVATION COMPRESSION FOR NEURAL NETWORK TRAINING" ("APPLICATION"), which:

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<u>Ritchie Zhao</u>	<u>2/8/2019</u>
Inventor's Signature	Date
<u>Ritchie Zhao</u>	<u></u>
Printed Name in English	Printed Name in Native Language (if other than English)