506920430 10/13/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6967265

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HOSAM A. KHALIL	01/23/2020
EMILIAN Y. STOIMENOV	01/23/2020
YIFAN GONG	01/20/2020
CHAOJUN LIU	01/23/2020
CHRISTOPHER H. BASOGLU	01/27/2020
AMIT K. AGARWAL	01/21/2020
NAVEEN PARIHAR	01/22/2020
SAYAN PATHAK	01/23/2020

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:	17500585

CORRESPONDENCE DATA

Fax Number: (203)972-7627

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: 4258828080

Email: USDocket@microsoft.com

Correspondent Name: MICROSOFT TECHNOLOGY LICENSING, LLC

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	407255-US-CNT (M15.114C)
NAME OF SUBMITTER:	NANDU A. TALWALKAR
SIGNATURE:	/NAT/

PATENT 506920430 REEL: 057783 FRAME: 0778

DATE SIGNED:	10/13/2021
Total Attachments: 16	
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PATENT REEL: 057783 FRAME: 0779

PATENT ASSIGNMENT

I Hosam A. KHALIL ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ADAPTIVE BATCHING TO REDUCE RECOGNITION LATENCY" ("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 US - United States Patent and Trademark Office) this		
APPLICATION's Application No., filing date, and Office, when known;		

was filed on <u>Ianuary 13, 2020</u> and was given Application No 62/960,240 by the following Office "<u>US – United States Patent and Trademark Office</u>";

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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PATENT ASSIGNMENT

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")):

Hom WW	1/23/2020
Inventor's Śignature	Date
Hosam A. KHALIL	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

I Emilian Y. STOIMENOV ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ADAPTIVE BATCHING TO REDUCE RECOGNITION LATENCY" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S
legal representative, Microsoft Technology Licensing, LLC, One
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Inventor's Signature	01/23/2020
inventor's Signature	Date
Emilian Y. STOIMENOV	EMUNUAL GONNELDB
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

I Yifan GONG ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ADAPTIVE BATCHING TO REDUCE RECOGNITION LATENCY" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE	.'S
legal representative, Microsoft Technology Licensing, LLC, Or	ıе
Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGA	٩L
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Zeroft .	1/20/2020
Inventor's Signature	Date
Yifan GONG	二年 一凡
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

I Chaojun LIU ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ADAPTIVE BATCHING TO REDUCE RECOGNITION LATENCY" ("APPLICATION"), which:

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PATENT ASSIGNMENT

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Chaz l=	01/23/2020
Inventor's Signature	Date
Chaojun LIU	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

I Christopher H. BASOGLU ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ADAPTIVE BATCHING TO REDUCE RECOGNITION LATENCY" ("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
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16/773,205	January 27, 2020	US

Page 1 of 2

PATENT REEL: 057783 FRAME: 0788

PATENT ASSIGNMENT

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Mala	1/24/2020
Inventor's Signature	Date
Christopher H. BASOGLU	
Printed Name in English	Printed Name in Native Language
· · · · · · · · · · · · · · · · · · ·	(if other than English)

PATENT ASSIGNMENT

I Amit K. AGARWAL ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ADAPTIVE BATCHING TO REDUCE RECOGNITION LATENCY" ("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
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PATENT ASSIGNMENT

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Amit Kung Agarwal Inventor's Signature	1/21/2020
Inventor's Signature	Date
Amit K. AGARWAL	असित कुमार उनगरनाल
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

I Naveen PARIHAR ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ADAPTIVE BATCHING TO REDUCE RECOGNITION LATENCY" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests,	ASSIGNEE'S
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and given Application No	
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PATENT ASSIGNMENT

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Namer pale-	01/22/2020
Inventor's Signature	Date '
Naveen PARIHAR	नर्नान परिदार
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

I Sayan PATHAK ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ADAPTIVE BATCHING TO REDUCE RECOGNITION LATENCY" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests,	ASSIGNEE'S
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PATENT ASSIGNMENT

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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).

O 1 / 23 / 2020
Inventor's Signature Date

Sayan PATHAK , 石河西

Printed Name in English Printed Name in Native Language
(if other than English)