

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5798806

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ASHVIN AGRAWAL	10/30/2019
AVRILIA FLORATOU	10/30/2019
KE WANG	10/30/2019
DANIEL E. MUSGRAVE	10/29/2019
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:	16670287
CORRESPONDENCE DATA	
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<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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Correspondent Name:	MICROSOFT CORPORATION
Address Line 1:	ONE MICROSOFT WAY
Address Line 4:	REDMOND, WASHINGTON 98052
ATTORNEY DOCKET NUMBER:	407350-US-NP
NAME OF SUBMITTER:	HONG-VINH NGUYEN
SIGNATURE:	/Hong-Vinh Nguyen, #63,469/
DATE SIGNED:	10/31/2019
Total Attachments: 8	
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I Ashvin Agrawal ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MITIGATING SLOW INSTANCES IN LARGE-SCALE STREAMING PIPELINES" ("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 October 31, 2019 and given Application No. 16/670,287 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 _____ and was given Application No. _____ by the following 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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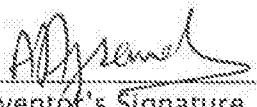
Application No.	Filing Date	Office

PATENT ASSIGNMENT

MS Docket No.: 407350-US-NP

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	<u>Oct/30/19</u> Date
Ashvin Agrawal Printed Name in English	 Printed Name in Native Language (if other than English)

I Avrilia Floratou ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MITIGATING SLOW INSTANCES IN LARGE-SCALE STREAMING PIPELINES" ("APPLICATION"), which:

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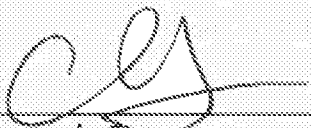
PATENT ASSIGNMENT

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 Inventor's Signature	10/30/2019 Date
Avriila Floratou Printed Name in English	Avriila Floratou Printed Name in Native Language (if other than English)

I Ke Wang ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MITIGATING SLOW INSTANCES IN LARGE-SCALE STREAMING PIPELINES" ("APPLICATION"), which:

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<u>Ke Wang</u>	<u>Oct. 30, 2019</u>
Inventor's Signature	Date
<u>Ke Wang</u>	<u> </u>
Printed Name in English	Printed Name in Native Language (if other than English)

I Daniel E. Musgrave ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MITIGATING SLOW INSTANCES IN LARGE-SCALE STREAMING PIPELINES" ("APPLICATION"), which:

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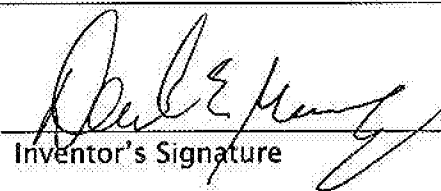
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 Inventor's Signature	<u>10/29/19</u> Date
<u>Daniel E. Musgrave</u> Printed Name in English	 Printed Name in Native Language (if other than English)