## 504876484 04/19/2018

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15941305

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ATTORNEY DOCKET NUMBER:	902221-US-NP 3080.J77US1
NAME OF SUBMITTER:	TAMERAE ROBINSON
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DATE SIGNED:	04/19/2018

## **Total Attachments: 3**

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Nitin Pasumarthy  Additional name(s) of conveying party(ies) attached?  [ ]Yes [X]No  3. Nature of conveyance:  [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other  Execution Date: April 3, 2018	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 [X]No
4. Application number(s) or patent number(s):  If this document is being filed together with a new application  A. Patent Application No.(s)  Serial No. 15/941,305  Additional numbers attached? [ ]Yes [X]No	n, the execution date of the application is:  B. Patent No.(s)
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Jonathan D. Hanish  Address:  Schwegman Lundberg & Woessner, P.A.  P.O. Box 2938  Minneapolis, Minnesota 554020938	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41):\$ 0.00</li> <li>[]Enclosed</li> <li>[]Authorized to be charged to deposit account 19-0743</li> <li>8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743</li> </ul>
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Allalia Banamanahar ("ACCICNOP") and the evisinal inventor or an evisinal joint
I Nitin Pasumarthy ("ASSIGNOR") am the original inventor or an original joint
inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent
application entitled "DISTRIBUTED IN-BROWSER DEEP LEARNING FOR PREDICTIVE PRE-
FETCHING", which:
$\square$ 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
APPLICATION's Application No., filing date, and Office, when known;
was filed on March 30, 2018 and was given Application No 15/941,305 by the following Office "US 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
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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

MS Docket No.: 902221-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).

ASTO	April 3, 2018
Inventor's Signature	Date
Nitin Pasumarthy	
Printed Name in English	Printed Name in Native Language
	(if other than English)