504994214 07/09/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAMEEKSHA SUBHEDAR	07/09/2018
DAVID MORTON	07/09/2018

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:	16029999

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	404848-US-NP
NAME OF SUBMITTER:	JASON E. BECKER
SIGNATURE:	/Jason E. Becker/
DATE SIGNED:	07/09/2018

Total Attachments: 4

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> PATENT REEL: 046294 FRAME: 0085

504994214

I <u>Sameeksha SUBHEDAR</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>USE OF CACHE FOR CONTENT VALIDATION AND ERROR REMEDIATION</u>" ("APPLICATION"), which:

\boxtimes	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 <u>US - United States Patent and Trademark Office</u>)
	this APPLICATION's Application No., filing date, and Office, when known;
	was filed on and was given Application
	No by the following Office
	Annual 1 (2011)

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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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).

lar		
Mubbedan	fig. mai	JULY 09,2018
Inventor's Signature		Date
Sameeksha SUBHEDAR		
Printed Name in English		Printed Name in Native Language
		(if other than English)

l <u>Dav</u>	id MORT	<u>ON</u> ("ASSI	GNOR")	am th	e original	invento	r or an	origina	al joint
inventor of	subject	matter ('	'INVENTI	ON")	disclosed	and/or	claimed	in a	patent
application	entitled	"USE_OF	<u>CACHI</u>	FOR	CONTEN	IT VALI	NOITAC	AND	ERROR
REMEDIATIO	<u>iN</u> " ("APPL	ICATION")	, which:						

XI.	will be filed. ASSIGNOR hereby authorizes, and requests,
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	Br.	

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Inventor's Signature

David MORTON

Printed Name in English

<u>July 977, 2018</u> Date 1

Printed Name in Native Language (if other than English)