506089984 06/04/2020 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6136703

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY DA	ATA		
		Name	Execution Date
KIRAN RAVI SETH			06/01/2020
YUSUF CAGATAY TEKN	ЛЕN		06/01/2020
RODNEY WAYNE SMITH	H		06/03/2020
SHIVAM PRIYADARSHI			06/02/2020
VIGNYAN REDDY KOTH		ESH	05/30/2020
RECEIVING PARTY DA			
Name:		OFT TECHNOLOGY LICENSING	, LLC
Street Address:	ONE MIC	ROSOFT WAY	
City:	REDMOND		
State/Country:	WASHINGTON		
Postal Code:	98052		
PROPERTY NUMBERS	Total: 1		
Property Type		Number	
Application Number:	16	887827	
CORRESPONDENCE D	ΔΤΔ		
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NAME OF SUBMITTER:		KAT M. KENNY	
SIGNATURE:		/Kat M. Kenny/	

06/04/2020

DATE SIGNED:

Total Attachments: 10

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I <u>Kiran Ravi SETH</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>RECOVERING REGISTER MAPPING STATE OF A FLUSHED</u> <u>INSTRUCTION EMPLOYING A SNAPSHOT OF ANOTHER REGISTER MAPPING STATE AND</u> <u>TRAVERSING REORDER BUFFER (ROB) ENTRIES IN A PROCESSOR</u>" ("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 <u>US - United States Patent and Trademark Office</u>) this APPLICATION's Application No., filing date, and Office, when known;

was filed on May 29, 2020 and was given Application No <u>16/887,827</u> by the following Office "<u>United States Patent and</u> <u>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"));

Filing Date	Office	
-	Filing Date	Filing Date Office Image: Straight of the straight o

2020 Inventor's Signature Date Kiran Ravi SETH Printed Name in English Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: <u>408322-US-NP</u>

I <u>Yusuf Cagatay TEKMEN</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>RECOVERING REGISTER MAPPING STATE OF A FLUSHED</u> <u>INSTRUCTION EMPLOYING A SNAPSHOT OF ANOTHER REGISTER MAPPING STATE AND</u> <u>TRAVERSING REORDER BUFFER (ROB) ENTRIES IN A PROCESSOR</u>" ("APPLICATION"), which:

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Application No.	Filing Date	Office

PATENT ASSIGNMENT MS Docket No.: <u>408322-US-NP</u>

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"));

June 01, 2020 Inventor's Sic Date Yusuf Cagatay TEKMEN Printed Name in English Printed Name in Native Language (if other than English)

I <u>Rodney Wayne SMITH</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>RECOVERING REGISTER MAPPING STATE OF A FLUSHED</u> <u>INSTRUCTION EMPLOYING A SNAPSHOT OF ANOTHER REGISTER MAPPING STATE AND</u> <u>TRAVERSING REORDER BUFFER (ROB) ENTRIES IN A PROCESSOR</u>" ("APPLICATION"), which:

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Application No.	Filing Date	Office	

Radney May Smith	6/3/2020
Inventor's Signature	Date
Rodney Wayne SMITH	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Shivam PRIYADARSHI</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>RECOVERING REGISTER MAPPING STATE OF A FLUSHED</u> <u>INSTRUCTION EMPLOYING A SNAPSHOT OF ANOTHER REGISTER MAPPING STATE AND</u> <u>TRAVERSING REORDER BUFFER (ROB) ENTRIES IN A PROCESSOR</u>" ("APPLICATION"), which:

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Filing Date	Office	
	Filing Date	

Sheroom	06/02/2020
Inventor's Signature	Date
Shivam PRIYADARSHI	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Vignyan Reddy KOTHINTI NARESH</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>RECOVERING REGISTER MAPPING STATE OF A FLUSHED</u> <u>INSTRUCTION EMPLOYING A SNAPSHOT OF ANOTHER REGISTER MAPPING STATE AND</u> <u>TRAVERSING REORDER BUFFER (ROB) ENTRIES IN A PROCESSOR</u>" ("APPLICATION"), which:

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Filing Date	Office
	Filing Date

05.30.2020 Date Vignyan Reddy KOTHINTI NARESH Printed Name in English Printed Name in Native Language (if other than English)