506310617 10/19/2020 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6357366

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PART	Υ DATA			
			Name	Execution Date
WENGUANG WANG	G			07/07/2020
VAMSI GUNTURU				07/10/2020
ERIC KNAUFT				07/13/2020
RECEIVING PARTY	/ DATA			
Name:	VMWA		NC.	
Street Address:	3401 H	HILLVI	IEW AVENUE	
City:	PALO	ALTO)	
State/Country:	CALIF	ORNI	A	
Postal Code:	94304			
Application Numbe	er:	1692	25168	
•	vill be sent t	d; if tl	<i>e-mail address first; if that is un</i> <i>hat is unsuccessful, it will be ser</i> 244-6319	
		nin@vmware.com, VMware@blackhillsip.com		
Correspondent Name: FOUI		NTAINHEAD/VMWARE-NICIRA		
		LAFAYETTE STREET		
Address Line 4:		SAIN	TA CLARA, CALIFORNIA 95050	
ATTORNEY DOCKET NUMBER:		G303		
NAME OF SUBMITTER:		ANDREW J. LEE		
SIGNATURE:		/Andrew J. Lee/		
DATE SIGNED:		10/19/2020		
Total Attachments: 4			•	

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, an ASSIGNOR named below,

Wenguang Wang	of	Santa Clara, California
Vamsi Gunturu	of	Cupertino, California
Eric Knauft	of	San Francisco, California

hereby sell, assign, transfer and set over to

my entire right, title and interest throughout the world, including all rights to claim priority, in and to the invention(s) disclosed in:

U.S. Patent Application executed on or about the date of this Assignment,

X U.S. Patent Application No.: 16/925,168 , filed on July 9, 2020

____ U.S. Provisional Application No.: _____, filed on _____;

____ International Application No.: <u>PCT/_____</u>, filed on _____;

and

ENTITLED: Reduced Write Amplification Using Small-Block Log

and identified by Attorney Docket Number: G303

and naming inventor(s) as follows:

INVENTOR(S):

Wenguang Wang	of	Santa Clara, California
Vamsi Gunturu	of	Cupertino, California
Eric Knauft	of	San Francisco, California

including without limitation, my entire right, title and interest in and to any and all United States and foreign applications (including any and all provisional, international, regional and foreign national applications) for said invention(s), including divisionals, continuations, continuations-in-part, renewals, substitutes and extensions thereof, and in and to any and all patents of every country or region that may be granted or have been granted for said invention(s), including any reissues and reexaminations thereof –the foreign applications including, without limitation, all applications for patents, utility models and designs which may hereafter be filed for the invention(s) in any country or countries foreign to the United States, and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for the invention(s) in any

PATENT REEL: 054101 FRAME: 0075

ASSIGNEE: VMware, Inc., a Delaware corporation, having a principal place of business at 3401 Hillview Avenue, Palo Alto, California 94304, U.S.A. (VMware), its successors, assigns and legal representatives,

ASSIGNMENT DOCKET NO. 0303

country or countries foreign to the United States and all extensions, renewals and reissues thereof.

I authorize ASSIGNEE to apply for patents of foreign countries for said invention(s); to claim all rights of priority without further authorization from me, which priority rights include rights derived from any United States application (provisional or otherwise) under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and to own in its own name all applications, all patents and inventor's certificates in all countries based on the invention(s).

I agree to execute any and all documents requested by ASSIGNEE, its successors, assigns, legal representatives, or nominees, at their reasonable expense, in connection with filing and prosecution of any and all United States and foreign applications (including international, regional, and foreign national applications), enforcement of all patents, and maintenance of all rights in the invention(s), patents, inventor's certificates and applications for patents or inventor's certificates based on any of the invention(s); and generally to do everything possible to aid ASSIGNEE, its successors, assigns, legal representatives, and nominees, at their request and reasonable expense, in obtaining, enforcing, and maintaining patents and inventor's certificates for said invention(s) in all countries. In particular, I agree to provide to ASSIGNEE. its successors, assigns, legal representatives, or nominees, at their request and at their reasonable expense, all information known to or ascertainable by me and all documents and other materials and objects pertaining to the invention(s) that are in the possession of or accessible to me; and further, at any trial, hearing, deposition or other legal proceeding where I am called as a witness by ASSIGNEE, its successors, assigns, legal representatives, or nominee, I agree to testify to all facts pertaining to the invention(s) for which I am competent to testify.

I hereby covenant that I have full right to convey the entire interest that is being assigned by this Assignment, and that no assignment, sale, license, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment.

I authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as affiresaid, to issue any U.S. Letters Patent or any other patent or property right that may be granted for said invention(s) to ASSIGNEE, its successors or assigns.

Executed on	7/7/2020	, by	V-T-S	
	Dute		Wenguang Wang	
Executed on	<u>.</u>	, by		
	Date		Vamsi Ganturu	
Executed on		, by		
	Date		Eric Knauft	

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country or countries foreign to the United States and all extensions, neuronals and ressues, beyond

Associate ASSOCIATE to apply for patents of loreign countries for said inventional), to claim of motion of promotion further authorization from me, which priority rights include rights derived from any Owned States application (provisional or otherwise) under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such applications of field, as may be applicable; and to own in its own name all applications, all patients and memory certificates in all countries based on the invention(s).

I array to execute any and all documents requested by ASSIONEE, its successors, assigns, legal representatives, or nominees, at their reasonable expense, in connection with filing and prosecution of any and all United States and foreign applications (excluding international, regional, and foreign national applications), enforcement of all patents, and maintenance of all rights in the invention(s), patents, inventor's certificates and applications for patents or investor's certificates based on any of the invention(s); and generally to do everything possible to and ANSICNEE, its successors, assigns, legal representatives, and nominees, at their request and reasonable expense, in obtaining, enforcing, and maintaining patents and inventor's certificances for said invention(s) in all countries. In particular, I agree to provide to ASSIGNEL. its successors, assigns, legal representatives, or nominees, at their request and at their reasonable expense, all information known to or ascertainable by me and all documents and other materials and objects pertaining to the invention(s) that are in the powersion of or accessible to me, and farther, at any trial, hearing, deposition or other legal proceeding where) are called as a witness by ASSIGNEE, its successors, assigns, legal representatives, or nominee. I agree to testify to all facts pertaining to the invention(s) for which I am competent an waan

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Eachering and respect the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue any L.S. Lenters Patent or any other patent or property right that may be granted for such investigations) to ASSIGNEE, its successors or assigns.

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	x	Vansi Gunturu
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		Eric Knauft
	Page 2 of 2	
		PATENT
	8	Page 2 of 2

ASSIGNMENT DOCKET NO. G303

country or countries foreign to the United States and all extensions, renewals and reissues thereof.

I authorize ASSIGNEE to apply for patents of foreign countries for said invention(s); to claim all rights of priority without further authorization from me, which priority rights include rights derived from any United States application (provisional or otherwise) under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and to own in its own name all applications, all patents and inventor's certificates in all countries based on the invention(s).

I agree to execute any and all documents requested by ASSIGNEE, its successors, assigns, legal representatives, or nominees, at their reasonable expense, in connection with filing and prosecution of any and all United States and foreign applications (including international, regional, and foreign national applications), enforcement of all patents, and maintenance of all rights in the invention(s), patents, inventor's certificates and applications for patents or inventor's certificates based on any of the invention(s); and generally to do everything possible to aid ASSIGNEE, its successors, assigns, legal representatives, and nominees, at their request and reasonable expense, in obtaining, enforcing, and maintaining patents and inventor's certificates for said invention(s) in all countries. In particular, I agree to provide to ASSIGNEE, its successors, assigns, legal representatives, or nominees, at their request and at their reasonable expense, all information known to or ascertainable by me and all documents and other materials and objects pertaining to the invention(s) that are in the possession of or accessible to me; and further, at any trial, hearing, deposition or other legal proceeding where I am called as a witness by ASSIGNEE, its successors, assigns, legal representatives, or nominee, I agree to testify to all facts pertaining to the invention(s) for which I am competent to testify.

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Executed on	, by
Date	Wenguang Wang
Executed on	, by
Date	Vamsi Gunturu
Executed on <u>1</u> /13 / 20	20 . by Enin & thunk
Date	Eric Knauft

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RECORDED: 10/19/2020