

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5813269

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WENGUANG WANG	10/29/2019
MOUNESH BADIGER	11/05/2019
ABHAY KUMAR JAIN	10/29/2019
JUNLONG GAO	10/29/2019
ZHAOHUI GUO	11/04/2019
RICHARD P. SPILLANE	11/04/2019
RECEIVING PARTY DATA	
Name:	VMWARE, INC.
Street Address:	3401 HILLVIEW AVENUE
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94304
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16679570
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	7136234844
Email:	rross@pattersonsheridan.com, psdocketing@pattersonsheridan.com, ipadmin@vmware.com, VMware@blackhillsip.com
Correspondent Name:	PATTERSON & SHERIDAN, LLP - VMWARE
Address Line 1:	24 GREENWAY PLAZA
Address Line 2:	SUITE 1600
Address Line 4:	HOUSTON, TEXAS 77046
ATTORNEY DOCKET NUMBER:	F568
NAME OF SUBMITTER:	ANKUR GARG
SIGNATURE:	/Ankur Garg/
DATE SIGNED:	11/11/2019

Total Attachments: 9

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ASSIGNMENT

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

Wenguang WANG	of	Santa Clara, California
Mounesh BADIGER	of	Karnatka, India
Abhay Kumar JAIN	of	Cupertino, California
Junlong GAO	of	Mountain View, California
Guo ZHAOHUI	of	Shanghai, China
Richard P. SPILLANE	of	Mountain View, California

hereby sell, assign, transfer and set over to

ASSIGNEE VMware, Inc., a Delaware a Corporation, having a principal place of business at 3401 Hillview Avenue, Palo Alto, California 94304, its successors, assigns and legal representatives,

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

 x U.S. Patent Application executed on or about the date of this Assignment.
 U.S. Patent Application No.: _____, filed on _____ :
 U.S. Provisional Application No.: _____, filed on _____ :
 International Application No.: _____, filed on _____ :

and

ENTITLED: SYSTEM AND METHOD OF A HIGHLY CONCURRENT CACHE REPLACEMENT ALGORITHM

and identified by Attorney Docket Number: F568

and naming inventor(s) as follows:

INVENTOR(S): Wenguang WANG
Mounesh BADIGER
Abhay Kumar JAIN
Junlong GAO
Guo ZHAOHUI
Richard P. SPILLANE

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

ASSIGNMENT

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 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.

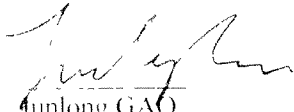
I authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue any 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 10/29/14, by 
Date Wenguang WANG


Executed on _____, by _____
Date Mounesh BADIGER

Executed on 10/29/2019, by 
Date Abhay Kumar JAIN

ASSIGNMENT

Executed on Oct 29, 2019 by 
Date **Junlong GAO**

Executed on _____ by Guo ZHAOHUI
Date

Executed on 11/4/19 by 
Date **Richard P. SPILLANE**

ASSIGNMENT

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Abhay Kumar JAIN	of	Cupertino, California
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- U.S. Patent Application executed on or about the date of this Assignment.
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- _____ International Application No.: _____, filed on _____ ;

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and identified by Attorney Docket Number: F568

and naming inventor(s) as follows:

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 Abhay Kumar JAIN
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 Richard P. SPILLANE

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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 aforesaid, 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 _____, by _____
Date Wenguang WANG

Executed on Nov. 05, 2019, by _____
Date Mounesh BADIGER

Executed on _____, by _____
Date Abhay Kumar JAIN

ASSIGNMENT

Executed on _____, by _____
Date Junlong GAO

Executed on _____, by _____
Date Guo ZHAOHUI

Executed on _____, by _____
Date Richard P. SPILLANE

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Executed on _____, by _____
Date Wenguang WANG

Executed on _____, by _____
Date Mounesh BADIGER

Executed on _____, by _____
Date Abhay Kumar JAIN

ASSIGNMENT

Executed on _____ . by _____
Date Junlong GAO

Executed on NOV 4th, 2019 . by Zhaohui Guo
Date Zhaohui GUO

Executed on _____ . by _____
Date Richard P. SPILLANE