

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6217915

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
VENKATA BALASUBRAHMANYAM DONTU	06/30/2020
DIVYEN KIRITBHAI PATEL	06/06/2020
RAUNAK PRADIP SHAH	06/11/2020
SANDEEP PISSAY SRINIVASA RAO	07/01/2020
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:	16893881
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>	
Email:	vmware@blackhillsip.com, ipadmin@vmware.com, docketing@kimandstewart.com, mserna@kimandstewart.com
Correspondent Name:	KIM & STEWART LLP
Address Line 1:	1910 PACIFIC AVENUE
Address Line 2:	SUITE 11500
Address Line 4:	DALLAS, TEXAS 75201
ATTORNEY DOCKET NUMBER:	G450
NAME OF SUBMITTER:	FREDERICK D. KIM
SIGNATURE:	/Frederick D. Kim/
DATE SIGNED:	07/24/2020
Total Attachments: 8	
source=G450 Executed Assignment#page1.tif	
source=G450 Executed Assignment#page2.tif	

source=G450 Executed Assignment#page3.tif
source=G450 Executed Assignment#page4.tif
source=G450 Executed Assignment#page5.tif
source=G450 Executed Assignment#page6.tif
source=G450 Executed Assignment#page7.tif
source=G450 Executed Assignment#page8.tif

ASSIGNMENT

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

Venkata Balasubrahmanyam Dontu	of	Sunnyvale, California, USA
Divyen Kiritbhai Patel	of	Milpitas, California, USA
Raunak Pradip Shah	of	Burlingame, California, USA
Sandeep Pissay Srinivasa Rao	of	Sunnyvale, California, USA

hereby sell, assign, transfer and set over to

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,

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,
☒ U.S. Patent Application No.: 16/893,881, filed on June 5, 2020;
☐ U.S. Provisional Application No.: _____, filed on _____;
☐ International Application No.: PCT/_____, filed on _____;

and

ENTITLED: PARAVIRTUAL STORAGE LAYER FOR A CONTAINER
ORCHESTRATOR IN A VIRTUALIZED COMPUTING SYSTEM

and identified by Attorney Docket Number: G450

and naming inventor(s) as follows:

INVENTOR(S): Venkata Balasubrahmanyam Dontu, Divyen Kiritbhai Patel,
Raunak Pradip Shah, and Sandeep Pissay Srinivasa Rao

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

ASSIGNMENT

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 <u>June 30, 2020</u>	by <u>/Venkata Balasubrahmanyam Dontu/</u>
Date	Venkata Balasubrahmanyam Dontu
Executed on _____	by _____
Date	Divyen Kiritbhai Patel
Executed on _____	by _____
Date	Raunak Pradip Shah
Executed on _____	by _____
Date	Sandeep Pissay Srinivasa Rao

ASSIGNMENT

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

Venkata Balasubrahmanyam Dontu	of	Sunnyvale, California, USA
Divyen Kiritbhai Patel	of	Milpitas, California, USA
Raunak Pradip Shah	of	Burlingame, California, USA
Sandeep Pissay Srinivasa Rao	of	Sunnyvale, California, USA

hereby sell, assign, transfer and set over to

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,

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,
- ☒ U.S. Patent Application No.: 16/893,881, filed on June 5, 2020;
- ☐ U.S. Provisional Application No.: , filed on ;
- ☐ International Application No.: PCT/ , filed on ;

and

ENTITLED: **PARAVIRTUAL STORAGE LAYER FOR A CONTAINER ORCHESTRATOR IN A VIRTUALIZED COMPUTING SYSTEM**

and identified by Attorney Docket Number: G450

and naming inventor(s) as follows:

INVENTOR(S): Venkata Balasubrahmanyam Dontu, Divyen Kiritbhai Patel, Raunak Pradip Shah, and Sandeep Pissay Srinivasa Rao

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

ASSIGNMENT

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	Venkata Balasubrahmanyam Dontu
Executed on <u>06/06/2020</u>	by <u>Divyen K. Patel</u>
Date	Divyen Kiritbhai Patel
Executed on _____	by _____
Date	Raunak Pradip Shah
Executed on _____	by _____
Date	Sandeep Pissay Srinivasa Rao

ASSIGNMENT

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

Venkata Balasubrahmanyam Dontu	of	Sunnyvale, California, USA
Divyen Kiritbhai Patel	of	Milpitas, California, USA
Raunak Pradip Shah	of	Burlingame, California, USA
Sandeep Pissay Srinivasa Rao	of	Sunnyvale, California, USA

hereby sell, assign, transfer and set over to

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,

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,
☒ U.S. Patent Application No.: 16/893,881, filed on June 5, 2020;
☐ U.S. Provisional Application No.: _____, filed on _____;
☐ International Application No.: PCT/_____, filed on _____;

and

ENTITLED: PARAVIRTUAL STORAGE LAYER FOR A CONTAINER
ORCHESTRATOR IN A VIRTUALIZED COMPUTING SYSTEM

and identified by Attorney Docket Number: G450

and naming inventor(s) as follows:

INVENTOR(S): Venkata Balasubrahmanyam Dontu, Divyen Kiritbhai Patel,
Raunak Pradip Shah, and Sandeep Pissay Srinivasa Rao

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

ASSIGNMENT

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 Venkata Balasubrahmanyam Dontu

Executed on _____, by _____
Date Divyen Kiritbhai Patel

Executed on June 11, 2020 _____, by /Raunak Pradip Shah/
Date Raunak Pradip Shah

Executed on _____, by _____
Date Sandeep Pissay Srinivasa Rao

ASSIGNMENT

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

Venkata Balasubrahmanyam Dontu	of	Sunnyvale, California, USA
Divyen Kiritbhai Patel	of	Milpitas, California, USA
Raunak Pradip Shah	of	Burlingame, California, USA
Sandeep Pissay Srinivasa Rao	of	Sunnyvale, California, USA

hereby sell, assign, transfer and set over to

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,

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,
☒ U.S. Patent Application No.: 16/893,881, filed on June 5, 2020;
☐ U.S. Provisional Application No.: _____, filed on _____;
☐ International Application No.: PCT/_____, filed on _____;

and

ENTITLED: PARAVIRTUAL STORAGE LAYER FOR A CONTAINER
ORCHESTRATOR IN A VIRTUALIZED COMPUTING SYSTEM

and identified by Attorney Docket Number: G450

and naming inventor(s) as follows:

INVENTOR(S): Venkata Balasubrahmanyam Dontu, Divyen Kiritbhai Patel,
Raunak Pradip Shah, and Sandeep Pissay Srinivasa Rao

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

ASSIGNMENT

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 Venkata Balasubrahmanyam Dontu

Executed on _____, by _____
Date Divyen Kiritbhai Patel

Executed on _____, by _____
Date Raunak Pradip Shah

Executed on 7/1/2020 _____, by /Sandeep Pissay Srinivasa Rao/
Date Sandeep Pissay Srinivasa Rao