

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4608730

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NARENDRA KUMAR BASUR SHANKARAPPA	09/06/2017
SERGE MASKALIK	09/06/2017
UDAY MASUREKAR	09/06/2017
ANAND PRITAM	09/05/2017
ARAVIND SRINIVASAN	09/06/2017
BOB SHEEHAN	09/06/2017
ABHIJEET DESHPANDE	09/06/2017
SACHIN THAKKAR	09/06/2017
HEMANTH KUMAR PANNEM	09/06/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	VMWARE, INC.
<b>Street Address:</b>	3401 HILLVIEW AVENUE
<b>Internal Address:</b>	ATTN: TERRY MCHUGH
<b>City:</b>	PALO ALTO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94304
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15713714
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)427-4818
<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>	
<b>Phone:</b>	650-427-5000
<b>Email:</b>	ipadmin@vmware.com
<b>Correspondent Name:</b>	VMWARE, INC.
<b>Address Line 1:</b>	3401 HILLVIEW AVENUE,
<b>Address Line 2:</b>	ATTN: TERRY MCHUGH
<b>Address Line 4:</b>	PALO ALTO, CALIFORNIA 94304
<b>ATTORNEY DOCKET NUMBER:</b>	D620

PATENT

<b>NAME OF SUBMITTER:</b>	PRAKASH NAMA
<b>SIGNATURE:</b>	/Prakash Nama/
<b>DATE SIGNED:</b>	09/25/2017
<b>Total Attachments: 4</b> source=D620_Assignment#page1.tif source=D620_Assignment#page2.tif source=D620_Assignment#page3.tif source=D620_Assignment#page4.tif	

## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, ASSIGNORS named below,

NARENDRA KUMAR BASUR SHANKARAPPA	of	Bangalore, India
SERGE MASKALIK	of	Palo Alto, California
UDAY MASUREKAR	of	Palo Alto, California
ANAND PRITAM	of	Bangalore, India
ARAVIND SRINIVASAN	of	Palo Alto, California
BOB SHEEHAN	of	Palo Alto, California
ABHIJEET DESHPANDE	of	Palo Alto, California
SACHIN THAKKAR	of	Palo Alto, California
HEMANTH KUMAR PANNEM	of	Palo Alto, California

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,

our entire right, title and interest throughout the world, including all rights to claim priority, in and to the invention 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.: PCT/\_\_\_\_\_, filed on \_\_\_\_\_;  
 and

ENTITLED: "AUTO-CALCULATION OF RECOVERY PLANS FOR DISASTER RECOVERY SOLUTIONS"

and identified by Attorney Docket Number: D620

and naming inventors as follows:

INVENTORS: NARENDRA KUMAR BASUR SHANKARAPPA, SERGE MASKALIK, UDAY MASUREKAR, ANAND PRITAM, ARAVIND SRINIVASAN, BOB SHEEHAN, ABHIJEET DESHPANDE, SACHIN THAKKAR and HEMANTH KUMAR PANNEM

including without limitation, our 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, 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, 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 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 in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.


We authorize ASSIGNEE to apply for patents of foreign countries for said invention; to claim all rights of priority without further authorization from us, 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.


We 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, 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 in all countries. In particular, we 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 us and all documents and other materials and objects pertaining to the invention that are in the possession of or accessible to us; and further, at any trial, hearing, deposition or other legal proceeding where we are called as a witness by ASSIGNEE, its successors, assigns, legal representatives, or nominee, we agree to testify to all facts pertaining to the invention for which we are competent to testify.

We hereby covenant that we 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.

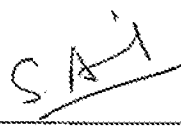
We authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue any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

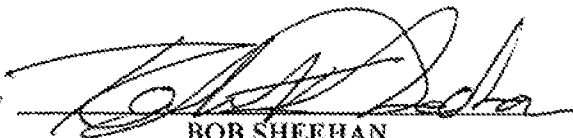
Executed on 9/6/17, by   
Date NARENDRA KUMAR BASUR  
SHANKARAPPA

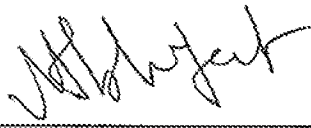
Executed on 9/6/2012 by   
Date SERGE MASKALIK

Executed on 9/6/2017 by   
Date UDAY MASUREKAR

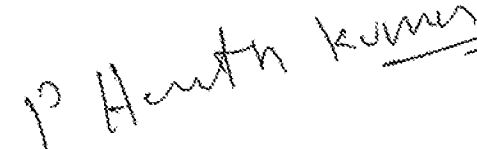
Executed on \_\_\_\_\_ by \_\_\_\_\_  
Date ANAND PRITAM

Executed on 9/6/2017 by   
Date ARAVIND SRINIVASAN

Executed on 9/6/17 by   
Date BOB SHEEHAN

Executed on 09/06/2017 by   
Date ABHIJEET DESHPANDE

Executed on 9/6/17 by   
Date SACHIN THAKKAR

Executed on 09/06/2017 by   
Date HEMANTH KUMAR PANNEM

Executed on \_\_\_\_\_, by \_\_\_\_\_  
Date SERGE MASKALIK

Executed on \_\_\_\_\_, by \_\_\_\_\_  
Date UDAY MASUREKAR

Executed on 05 Sept 2017, by Anand Pritam  
Date ANAND PRITAM

Executed on \_\_\_\_\_, by \_\_\_\_\_  
Date ARAVIND SRINIVASAN

Executed on \_\_\_\_\_, by \_\_\_\_\_  
Date BOB SHEEHAN

Executed on \_\_\_\_\_, by \_\_\_\_\_  
Date ABHIJEET DESHPANDE

Executed on \_\_\_\_\_, by \_\_\_\_\_  
Date SACHIN THAKKAR

Executed on \_\_\_\_\_, by \_\_\_\_\_  
Date HEMANTH KUMAR PANNEM