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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GIRI PRASHANTH SUBRAMANIAN	08/02/2021
SANTHOSH PRABHU MURALEEDHARA PRABHU	08/02/2021
RAVI SINGHAL	08/03/2021
ATUL JADHAV	08/03/2021
ROHIT REJA	08/03/2021

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:	17239366

CORRESPONDENCE DATA

Fax Number: (650)427-4818

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.

Phone: 3125801020

Email: ipadmin@vmware.com, VMware@blackhillsip.com, lruiz@hfzlaw.com,

Correspondent Name: VMWARE, INC.

Address Line 1: 3401 HILLVIEW AVENUE

Address Line 4: PALO ALTO, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER:	20242/H291
NAME OF SUBMITTER: MICHAEL W. ZIMMERMAN	
SIGNATURE: / Michael W. Zimmerman/	
DATE SIGNED:	09/09/2021

Total Attachments: 3

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> PATENT REEL: 057424 FRAME: 0107

ASSIGNMENT

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

Giri Prashanth	of	Cupertino, CA
Santhosh Prabhu Muraleedhara Prabhu	of	Champaign, IL
Ravi Singhal	of	Pune, India
Atul Jadhav	of	Pune, India
Rohit Reja	of	Pune, India

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>X</u> U.S. Patent Application No.: <u>17/239,366</u> , filed on <u>April 23, 2021</u> ;
U.S. Provisional Application No.:, filed on;
International Application No.: PCT/, filed on
and

ENTITLED: METHODS AND APPARATUS TO MODEL AND VERIFY A HYBRID NETWORK

and identified by Attorney Docket Number: H291

and naming inventor(s) as follows:

INVENTOR(S):

Giri Prashanth	of Cupertino, CA
Santhosh Prabhu Muraleedhara Prabhu	of Champaign, IL
Ravi Singhal	of Pune, India
Atul Jadhav	of Pune, India

Rohit Reja of Pune, India

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.

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.

ASSIGNMENT

Executed on _	08/02/2021	, by	14/m/h
~	Date	•	Giri Preshanth Subramaman
Executed on	08/02/2021	, by	· Mary
Executed on	Date	. bv	Sandhesia Pratsian Musikesidham Pratsia Ravi Singhal
	Date		Ravi Singhai
Executed on	08/03/2021	, by	ALI Deline
	Date		Ami ladjay
Executed on	08/03/2021	. jy5	Will
	Date		Robu Ked

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