

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5616519

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NICIRA, INC.	07/11/2019
RECEIVING PARTY DATA	
Name:	VMWARE, INC.
Street Address:	3401 HILLVIEW AVENUE
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94304
PROPERTY NUMBERS Total: 19	
Property Type	Number
Application Number:	15972083
Application Number:	16252696
Application Number:	15972086
Application Number:	15972088
Application Number:	15972090
Application Number:	15972091
Application Number:	15972093
Application Number:	15972095
Application Number:	15972098
Application Number:	15972100
Application Number:	15972102
Application Number:	15972103
Application Number:	15972104
Application Number:	16192774
Application Number:	16192780
Application Number:	16192783
Application Number:	16405986
Application Number:	62566524
PCT Number:	US2018053811

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: 6504273272**Email:** mail@adelillp.com, ipadmin@vmware.com, vmware@blackhillsip.com**Correspondent Name:** VMWARE, INC.**Address Line 1:** 3401 HILLVIEW AVENUE**Address Line 4:** PALO ALTO, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER:	F271
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NAME OF SUBMITTER:	MANI ADELI
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SIGNATURE:	/MANI ADELI/
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DATE SIGNED:	07/12/2019
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Total Attachments: 2

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ASSIGNMENT

This ASSIGNMENT is made by and among Nicira, Inc., a corporation organized and existing under the laws of the State of Delaware and a wholly-owned subsidiary of VMware, Inc. ("Assignor"), and VMware, Inc., a corporation organized and existing under the laws of the State of Delaware ("Assignee").

RECITALS

WHEREAS, "Patent Property" shall include each of the following:

- 1) pending patent applications recited in Schedule A appended hereto, and inventions disclosed therein, and all embodiments of such inventions heretofore assigned to Assignor (all collectively hereinafter termed "said inventions");
- 2) all rights to apply in any and all countries of the world for patents, certificates of invention or other governmental grants on said inventions, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding;
- 3) any and all applications filed and any and all patents, certificates of inventions or other governmental grants on said inventions in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications;
- 4) each and every reissue or extension of any of said patents;
- 5) each and every patent claim resulting from a reexamination certificate for any and all of said patents; and
- 6) the right to sue for and all claims for damages, profits or other recovery resulting from infringement, including past infringement, of any of the foregoing.

WHEREAS, Assignee is to acquire from Assignor the entire right, title and interest in and to said Patent Property.

NOW THEREFORE, for good and valuable consideration and in accordance with an Intellectual Property Assignment Agreement By and Between VMware, Inc., and Nicira, Inc., entered into as of June 26, 2013 and amended May 22, 2017;

- 1. Assignor hereby sells, assigns, transfers and otherwise conveys to Assignee, and Assignee's successors, legal representatives and assigns, the entire right, title, and interest in and to the Patent Property.
- 2. Assignor further agrees to execute and cause to be executed such additional instruments as may be necessary or desirable to confirm the transfer of rights as herein contemplated, to record the transfer of rights in the United States and throughout the world, and to permit Assignee, and Assignee's successors, legal representatives, and assigns to enforce the Patent Property.

Nicira, Inc. (Assignor):

By: _____ Date: 7/11/19

Name: Craig Norris, Vice President, Deputy General Counsel

SCHEDULE A

<u>APPLICATION NUMBER</u>	<u>FILING DATE</u>	<u>TITLE</u>
15/972,083	5/4/2018	CREATING VIRTUAL NETWORKS SPANNING MULTIPLE PUBLIC CLOUDS
16/252,696	1/20/2019	LAYER FOUR OPTIMIZATION FOR A VIRTUAL NETWORK DEFINED OVER PUBLIC CLOUD
15/972,086	5/4/2018	OVERLAY NETWORK ENCAPSULATION TO FORWARD DATA MESSAGE FLOWS THROUGH MULTIPLE PUBLIC CLOUD DATACENTERS
15/972,088	5/4/2018	ROUTING DATA MESSAGE FLOW THROUGH MULTIPLE PUBLIC CLOUDS
15/972,090	5/4/2018	MEASUREMENT BASED ROUTING THROUGH MULTIPLE PUBLIC CLOUDS
15/972,091	5/4/2018	GRAPH BASED ROUTING THROUGH MULTIPLE PUBLIC CLOUDS
15/972,093	5/4/2018	VIRTUAL NETWORK PROVIDER
15/972,095	5/4/2018	SELECTING ONE NODE FROM SEVERAL CANDIDATE NODES IN SEVERAL PUBLIC CLOUDS TO ESTABLISH A VIRTUAL NETWORK THAT SPANS THE PUBLIC CLOUDS
15/972,098	5/4/2018	PROCESSING DATA MESSAGES OF A VIRTUAL NETWORK THAT ARE SENT TO AND RECEIVED FROM EXTERNAL SERVICE MACHINES
15/972,100	5/4/2018	PROCESSING DATA MESSAGES OF A VIRTUAL NETWORK THAT ARE SENT TO AND RECEIVED FROM EXTERNAL SERVICE MACHINES
15/972,102	5/4/2018	DEPLOYING FIREWALL FOR VIRTUAL NETWORK DEFINED OVER PUBLIC CLOUD INFRASTRUCTURE
15/972,103	5/4/2018	DISTRIBUTED WAN SECURITY GATEWAY
15/972,104	5/4/2018	DEFINING AND DISTRIBUTING ROUTES FOR A VIRTUAL NETWORK
16/192,774	11/15/2018	DYNAMICALLY SPECIFYING MULTIPLE PUBLIC CLOUD EDGE NODES TO CONNECT TO AN EXTERNAL MULTI-COMPUTER NODE
16/192,780	11/15/2018	IDENTIFYING MULTIPLE NODES IN A VIRTUAL NETWORK DEFINED OVER A SET OF PUBLIC CLOUDS TO CONNECT TO AN EXTERNAL SAAS PROVIDER
16/192,783	11/15/2018	THREE TIERS OF SAAS PROVIDERS FOR DEPLOYING COMPUTE AND NETWORK INFRASTRUCTURE IN THE PUBLIC CLOUD
16/405,986	5/7/2019	LAYER FOUR OPTIMIZATION FOR A VIRTUAL NETWORK DEFINED OVER PUBLIC CLOUD
PCT/US18/53811	10/1/2018	CREATING VIRTUAL NETWORKS SPANNING MULTIPLE PUBLIC CLOUDS
62/566,524	10/2/2017	VIRTUAL NETWORK DEFINED OVER MULTIPLE PUBLIC CLOUDS

PATENT

RECORDED: 07/12/2019

REEL: 049743 FRAME: 0076