#### 505315721 02/06/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5362502

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
ERIC M LEVY-ABEGNOLI	02/04/2019
JEAN-PHILIPPE VASSEUR	01/25/2019
PASCAL THUBERT	01/28/2019
PATRICK WETTERWALD	01/27/2019

## **RECEIVING PARTY DATA**

Name:	CISCO TECHNOLOGY, INC.
Street Address:	170 WEST TASMAN DRIVE
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95134

## **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	16268796	

## CORRESPONDENCE DATA

Fax Number: (617)507-3061

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.

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BEHMKE INNOVATION GROUP LLC **Correspondent Name:** 

ONE INTERNATIONAL PLACE Address Line 1:

Address Line 2: **SUITE 1400** 

Address Line 4: BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER:	0141225.U
NAME OF SUBMITTER:	KENNETH J. HEYWOOD
SIGNATURE:	/Kenneth J. Heywood/
DATE SIGNED:	02/06/2019

**Total Attachments: 10** 

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#### ASSIGNMENT

WHEREAS, I/we the undersigned inventor(s) (hereinafter "ASSIGNOR(S)") have invented certain new and useful improvements as set forth in the patent application entitled.

## DETECTING SEASONAL CONGESTION IN SDN NETWORK FABRICS USING MACHINE LEARNING

⊠which is being filed herewith ☐which was filed on	as U S. Patent Application No.
(hereinafter the "Application")	

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the ASSIGNOR(S).

1) Have assigned, transferred and set over, and by these presents do hereby assign, transfer and set over, unto **Cisco Technology**, **Inc.**, a California corporation having a place of business at 170 West Tasman Drive, San Jose, California 95134-1706 (hereinafter "ASSIGNEE") and its successors and assigns, each ASSIGNOR's entire right, title, and interest in, to, and under, the Application and any and all improvements disclosed in the Application, as well as any and all other applications that may be based upon, and patent(s) which may be granted upon, the information that is disclosed in the Application, throughout the World, including without prejudice to the generality of the foregoing.

the right to file applications and to obtain patents or like protection (including, e.g., utility models, inventors' certificates, and/or designs) for the improvements in any country throughout the World, including the right to claim priority from any such application; and any and all provisional, non-provisional, divisional, continuing (whether a continuation or a continuation in part), substitute, renewal, reissue, and other applications for Letters Patent which have been or shall be filed in any country on any of the improvements, and in and to all original and reissued patents which have been or shall be filed in any country on any of the improvements,

2) 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, as applicable, to issue the same to ASSIGNEE and its successors and assigns, in accordance with the terms of the instrument,

- Covenant and agree, when requested and at no charge to, but at the expense of, ASSIGNEE and its successors and assigns, to: execute all applications for the improvements (including without limitation any and all provisional, non-provisional, divisional, continuing (whether a continuation or a continuation in part), substitute, renewal, reissue, and other patent applications); execute all rightful oaths, assignments, powers of attorney and other papers; communicate to ASSIGNEE, its successors, assigns, and legal representatives, all facts known to the undersigned relating to the improvements and the history thereof; and perform any acts that ASSIGNEE, its successors, assigns or legal representatives consider reasonably necessary for securing and maintaining proper patent protection for the improvements, for vesting title to the improvements and all patent applications and patents for the improvements, in ASSIGNEE and its successors and assigns, and for enforcing the rights of ASSIGNEE and its successor and assigns, in and to any or all of the improvements and any application(s) or patent(s) therefor;
- 4) Covenant and agree that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed, and will not execute, any agreement in conflict herewith.
- 5) Covenant and agree that the terms, covenants and conditions of this assignment shall inure to the benefit of ASSIGNEE and its successors and assigns, and shall be binding upon me/us and my/our heirs, assigns, and legal representatives.
- 6) Covenant and agree that this assignment and any action, suit, proceeding or claim arising under or relating to this assignment will be governed, interpreted, construed, and enforced in all respects in accordance with the laws of the State of California and by any controlling Federal U.S. law with respect to the subject matter, without reference to its choice of law principles to the contrary.
- 7) Authorize a representative of Behmke Innovation Group LLC, One International Place, Suite 1400, Boston, MA 02110, Customer No. 126982, to insert in the blanks above the filing date and application number of the Application when known.

FRANCE

Signature: Typed Name: Eric M. LEVY-ABEGNOLI Address: 1282 chemin de Peyrebelle 06560 Valbonne FRANCE	Date:	Feb. 4th 201	9
Signature: Typed Name: Jean-Philippe VASSEUR Address: 931 Route de Chamrousse 38410 Saint Martin D'uriage	Date:		



#### ASSIGNMENT

WHEREAS, I/we the undersigned inventor(s) (hereinafter "ASSIGNOR(S)") have invented certain new and useful improvements as set forth in the patent application entitled:

# DETECTING SEASONAL CONGESTION IN SDN NETWORK FABRICS USING MACHINE LEARNING

⊠which is being filed herewith	
Owhich was filed on	as U.S. Patent Application No.
(hereinafter the "Application").	

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the ASSIGNOR(S):

Have assigned, transferred and set over, and by these presents do hereby assign, transfer and set over, unto Cisco Technology, Inc., a California corporation having a place of business at 170 West Tasman Drive, San Jose, California 95134-1706 (hereinafter "ASSIGNEE") and its successors and assigns, each ASSIGNOR's entire right, title, and interest in, to, and under, the Application and any and all improvements disclosed in the Application, as well as any and all other applications that may be based upon, and patent(s) which may be granted upon, the information that is disclosed in the Application, throughout the World, including without prejudice to the generality of the foregoing:

the right to file applications and to obtain patents or like protection (including, e.g., utility models, inventors' certificates, and/or designs) for the improvements in any country throughout the World, including the right to claim priority from any such application; and any and all provisional, non-provisional, divisional, continuing (whether a continuation or a continuation in part), substitute, renewal, reissue, and other applications for Letters Patent which have been or shall be filed in any country on any of the improvements; and in and to all original and reissued patents which have been or shall be filed in any country on any of the improvements;

2) 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, as applicable, to issue the same to ASSIGNEE and its successors and assigns, in accordance with the terms of the instrument;

- Covenant and agree, when requested and at no charge to, but at the expense of, ASSIGNEE and its successors and assigns, to: execute all applications for the improvements (including without limitation any and all provisional, non-provisional, divisional, continuing (whether a continuation or a continuation in part), substitute, renewal, reissue, and other patent applications); execute all rightful paths, assignments, powers of attorney and other papers; communicate to ASSIGNEE, its successors, assigns, and legal representatives, all facts known to the undersigned relating to the improvements and the history thereof; and perform any acts that ASSIGNEE, its successors, assigns or legal representatives consider reasonably necessary for securing and maintaining proper patent protection for the improvements, for vesting title to the improvements and all patent applications and patents for the improvements, in ASSIGNEE and its successors and assigns, and for enforcing the rights of ASSIGNEE and its successor and assigns, in and to any or all of the improvements and any application(s) or patent(s) therefor:
- Covenant and agree that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed, and will not execute, any agreement in conflict herewith.
- Covenant and agree that the terms, covenants and conditions of this assignment shall inure to the benefit of ASSIGNEE and its successors and assigns, and shall be binding upon me/us and my/our heirs, assigns, and legal representatives.
- Covenant and agree that this assignment and any action, suit, proceeding or claim arising under or relating to this assignment will be governed, interpreted, construed, and enforced in all respects in accordance with the laws of the State of California and by any controlling Federal U.S. law with respect to the subject matter, without reference to its choice of law principles to the contrary.
- 73 Authorize a representative of Behmke Innovation Group LLC, One International Place, Suite 1400, Boston, MA 02110, Customer No. 126982, to insert in the blanks above the filing date and application number of the Application when known.

Signature:	Date:
Typed Name: Eric M. LEVY-ABEGNOLI	
Address: 1282 chemin de Peyrebelle	
06560 Valhonne	
FRANCE	
Signature:	Date: 01/2/293
Typed Name: Jean-Philippe VASSEUR	
Address: 931 Route de Chamrousse	
38410 Saint Martin D'eriage	
PD ANCE	



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⊠which is being filed herewith	
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the right to file applications and to obtain patents or like protection (including, e.g., utility models, inventors' certificates, and/or designs) for the improvements in any country throughout the World, including the right to claim priority from any such application; and any and all provisional, non-provisional, continuing (whether a continuation or a continuation in part), substitute, renewal, reissue, and other applications for Letters Patent which have been or shall be filed in any country on any of the improvements; and in and to all original and reissued patents which have been or shall be filed in any country on any of the improvements;

2) 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, as applicable, to issue the same to ASSIGNEE and its successors and assigns, in accordance with the terms of the instrument;

- 3) Covenant and agree, when requested and at no charge to, but at the expense of, ASSIGNEE and its successors and assigns, to: execute all applications for the improvements (including without limitation any and all provisional, non-provisional, divisional, continuing (whether a continuation or a continuation in part), substitute, renewal, reissue, and other patent applications); execute all rightful oaths, assignments, powers of attorney and other papers; communicate to ASSIGNEE, its successors, assigns, and legal representatives, all facts known to the undersigned relating to the improvements and the history thereof; and perform any acts that ASSIGNEE, its successors, assigns or legal representatives consider reasonably necessary for securing and maintaining proper patent protection for the improvements, for vesting title to the improvements and all patent applications and patents for the improvements, in ASSIGNEE and its successors and assigns, and for enforcing the rights of ASSIGNEE and its successor and assigns, in and to any or all of the improvements and any application(s) or patent(s) therefor,
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- 5) Covenant and agree that the terms, covenants and conditions of this assignment shall inure to the benefit of ASSIGNEE and its successors and assigns, and shall be binding upon me/us and my/our heirs, assigns, and legal representatives
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- 7) Authorize a representative of Behmke Innovation Group LLC, One International Place, Suite 1400, Boston, MA 02110, Customer No 126982, to insert in the blanks above the filing date and application number of the Application when known.

~ .	ne. Eric M. LEVY-ABEGNOLI 1282 chemin de Peyrebelle 06560 Valbonne FRANCE	Date:
Address:	ne Jean-Philippe VASSEUR 931 Route de Chamrousse 38410 Saint Martin D'uriage	Date

FRANCE

Atty. Docket No.: CPOL 1020475-US.01/0141225.U

Signature		Date:	28 7mm	Z019
	me: Pascal THUBERT La Pinatelo Villa 13, 123 chemin des Ba 06480 La Colle Sur Loup FRANCE	is Campons		
• •	: me: Patrick WETTERWALD 1249 chemin des plaines 86378 Mayans Sartaux	Date:		

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Atty, Docket No.: CPOL 1020475-US.01/0141225.U



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Signature Typed Na	: me: Eric M. LEVY-ABEGNOLI	Date:	
	1282 chemin de Peyrebelle 06560 Valbonne FRANCE		
Signature		Date:	
Address:	me: Jean-Philippe VASSEUR 931 Route de Chamrousse 38410 Saint Martin D'uriage		

FRANCE

Any, Docket No.: CPOL 1020475-US:01/0141225.U

Signature:		Date:	·
Address:	ne: Pascal THUBERT La Pinatelo Villa 13, 123 chemin de 06480 La Colle Sur Loup FRANCE	s Bas Campons	
Address:	ne: Patrick WETTERWALD 1249 chemin des plaines 06370 Mouans Sartoux	Date:	January 27, 2010

FRANCE

**RECORDED: 02/06/2019**