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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5996024

SUBMISSION TYPE: NATURE OF CONVEYANCE:					
		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ				
		Name	Execution Date		
SIVAKUMAR GANAPAT	ГНҮ		07/17/2017		
RAJAGOPALAN JANAK	KIRAMAN		07/20/2017		
KALYAN GHOSH			07/19/2017		
SAPAN SHAH			07/25/2017		
RECEIVING PARTY DA	TA				
Name:	CISCO	TECHNOLOGY, INC.			
Street Address:	170 WE	ST TASMAN DRIVE			
City:	SAN JC	DSE			
State/Country:	CALIFC	LIFORNIA			
Postal Code:	95134				
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PROPERTY NUMBERS		Number			
Property Type		Number			
		Number 16808830			
Property Type					
Property Type Application Number:	DATA				
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i>	DATA () be sent to	16808830			
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone:	DATA be sent to provided	16808830 (415)248-2101 • the e-mail address first; if that is unsuc I; if that is unsuccessful, it will be sent vi 713-374-1600			
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Atty. Docket No.: CPOL 1011936-US.01 (085115-569102)

CISCO

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:

SYSTEM AND METHOD FOR PROVIDING SCALABLE FLOW MONITORING IN A DATA CENTER FABRIC

 \boxtimes 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;
- 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;

- 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.
- Authorize a representative of Polsinelli LLP, Three Embarcadero Center, Suite 2400, 7San Francisco, CA 94111, to insert in the blanks above the filing date and application number of the Application when known.

Signature: Address:

Typed Name: Sivakumar Ganapathy 520 Yampa Way Fremont, CA 94539

Date: 07/17/2017

Signature:		Date:	
Typed Name:	Rajagopalan Janakiraman		
Address:	1102 Scotland Drive		
	Cupertino CA, 95014		

Signature:		Date:	
Typed Name:	Kalyan Ghosh		
Address:	18830 Afton Ave		
	Saratoga, CA 95070		

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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- 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.
 - Authorize a representative of Polsinelli LLP, Three Embarcadero Center, Suite 2400, San Francisco, CA 94111, to insert in the blanks above the filing date and application number of the Application when known.

Signature: Address:

7)

Typed Name: Sivakumar Ganapathy 520 Yampa Way Fremont, CA 94539

JRGSGL

Signature: Address:

Typed Name: Rajagopalan Janakiraman 1102 Scotland Drive Cupertino CA, 95014

Date:

July 20, 2017 Date:

Signature: Address:

Typed Name Kalyan Ghosh 18830 Afton Ave Saratoga, CA 95070 Date:

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 4that 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 5benefit 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 6or 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 Polsinelli LLP, Three Embarcadero Center, Suite 2400, San Francisco, CA 94111, to insert in the blanks above the filing date and application number of the Application when known.

Signature:	98	i systemic 	Date:	
· · · · · · · · · · · · · · · · · · ·	Sivakumar Ganapathy			
Address:	1005 Agnew Koau			
	Unit 222			
	Santa Clara, CA 95054			
Signature:			Date:	
	Rajagopalan Janakiraman			
Address:	1102 Scotland Drive			
	Cupertino CA, 95014			
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Signature:

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Typed Name: Kalyan Ghosh Address: 18830 Afton Ave Saratoga, CA 95070 a na an ta' ang itana an 19 ang itana an ta' ang itana an ta' ang itana an ta' ang itana an ta' ang itana ang i Ang itana ang itana ang itana ang itang itang

Date:

Atty. Docket No.: CPOL 1011936-US.01 (085115-569102)

Signature: <u>WAAA</u> Typed Name: Sapan Sliah Address: 320 Crescent Village Circle #1206

San Jose, CA 95134

Date: 25th July 2017

PATENT REEL: 052012 FRAME: 0396

RECORDED: 03/04/2020