504617021 10/30/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PRASHANT ANAND	10/06/2017
ABHISHEK CHAUDHARY	10/13/2017
ROHIT KUMAR GUPTA	10/04/2017
PARTHIBHAN PARMAMGURA	10/04/2017
SUNDAR RAMAKRISHAN	10/20/2017
DHARMARJAN SUBRMANIAN	10/04/2017
VSUDEVAN VISVANATHAN	07/27/2017

RECEIVING PARTY DATA

Name:	CISCO TECHNOLOGY, INC.
Street Address:	170 WEST TASMAN DRIVE
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95134-1706

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15662112	

CORRESPONDENCE DATA

Fax Number:

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.

Email:ron.fernando@squirepb.comCorrespondent Name:RONALD S. FERNANDOAddress Line 1:1801 PAGE MILL ROAD

Address Line 2: SUITE 110

Address Line 4: PALO ALTO, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER:	24726-50314US
NAME OF SUBMITTER:	RONALD S. FERNANDO
SIGNATURE:	/Ronald S. Fernando/
DATE SIGNED:	10/30/2017

PATENT
7021 REEL: 043979 FRAME: 0423

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This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

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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:

Network Incident Identification Based On Characterizing Relationships Between Interfaces And Events As Graphical Component Relationships

	□which is being filed herewith
	Mwhich was filed on 03/30/2017 as U.S. Provisional Patent Application No. 62/479,097 and
on 07/	27/2017 as U.S. Patent Application No. 15/662,112

(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.
- 7) Authorize a representative of Squire Patton Boggs (US) LLP, to insert in the blanks above the filing date and application number of the Application when known.

Signature:	fronte I Ameria?	Date:	od od	2017
	Prashant Anand			ş
Address: E-1	.403, Brigade Metropolis, Maha	devpura, Bangalore-5600)48, India	
Signature:		Date:		
Typed Name:	Abhishek Chaudhary			
Address: Fla	t 261, DSR Eden Greens, Op	posite Carmelaram Raii	lway Station,	
lanatha Colon	v Renobini 560035			

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 Squire Patton Boggs (US) LLP, to insert in the blanks above the filing date and application number of the Application when known.

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• •	Dharmarajan Subramanian		<u>08-007-207</u>
	·103, Akme Harmony Apts, Outer Ring R	oad, Bellandur, I	Bangalore-
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Signature:	Maryalana Marana Akan	Date:	
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	ot No. 4042, Outer King Koso, Devarsor: Intaka 560103, India	ionanam, Wardt	ini rom,

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Signature: Typed Name: Dharmarajan Sub Address: 1D-103, Akme Harma Bangalore-560103, KA, India	Date: ramanian ony Apts, Outer Ring Road, Bellandur,
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Signature Typed Same - Sandar Ramakeldman Address: - C.A. Swama Besidency, S.G. Palya, C 56(1993, Kamataka, India	Onte: V Kamar Nagar, Bangalora
Sunature Typed Name: Offsmarapur Subraneauss Address: 10-103 Akase Harmony Apis, Out Bangalaire Soft 03 KA, India	Date: ter King Krad. Hellandur.
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PATENT REEL: 043979 FRAME: 0430

RECORDED: 10/30/2017