503817637 05/09/2016

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3864286

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
REINALDO PENNO	05/04/2016
CARLOS M. PIGNATARO	05/02/2016
NAGENDRA KUMAR NAINAR	05/02/2016

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:	15149695

CORRESPONDENCE DATA

Fax Number: (301)762-4056

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: 301-424-3640 Email: mail@usiplaw.com **Correspondent Name:** D. ANDREW FLOAM

Address Line 1: 9801 WASHINGTONIAN BLVD.

Address Line 2: **SUITE 750**

Address Line 4: GAITHERSBURG, MARYLAND 20878

ATTORNEY DOCKET NUMBER:	0370.2660C/1000759-US.01
NAME OF SUBMITTER:	MARK J. DEBOY
SIGNATURE:	/Mark J. DeBoy/
DATE SIGNED:	05/09/2016

Total Attachments: 3

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> **PATENT** REEL: 038642 FRAME: 0438 503817637

ASSIGNMENT

For good and valuable consideration, WE, Reinaldo Penno, residing at 881 Vida Larga Loop, Milpitas, CA 95035; Carlos M. Pignataro, residing at 5116 Term Cotta Drive, Raleigh, NC 27613; and Nagendra Kumar Nainar, residing at 1113 Autumn Day Dr., Morrisville, NC 27560, hereinafter individually or collectively referred to as "Assignor";

Hereby sell, assign and transfer to Cisco Technology, Inc., a corporation organized and existing under the laws of California, having its principal place of business at 170 West Tasman Drive, San Jose, California 95134-1706, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and entitled:

TRACEROUTE TO RETURN AGGREGATED STATISTICS IN SERVICE CHAINS

and in and to said application, including, without prejudice to the generality of the foregoing, the right to file applications and to obtain patents or like protection in any country throughout the World, including the right to olaim priority from any such application, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said Improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful caths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

SIGNATURE: ROME & !		DATE: 0	5/04/616
	Reinaido Penno		
SIGNATURE		DATE:	
	Carlos M. Pignataro		
SKINATURE:	*	DATE:	
Na	gendra Komer Nainer		

ASSIGNMENT

For good and valuable consideration, WE, Reinaldo Penno, residing at 881 Vida Larga Loop, Milpitas, CA 95035; Carlos M. Pignataro, residing at 5116 Terra Cotta Drive, Raleigh, NC 27613; and Nagendra Kumar Nainar, residing at 1113 Autumn Day Dr., Morrisville, NC 27560, hereinafter individually or collectively referred to as "Assignor";

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and in and to said application, including, without prejudice to the generality of the foregoing, the right to file applications and to obtain patents or like protection in any country throughout the World, including the right to claim priority from any such application, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

SIGNATURE:		DATE:	
SIGNATURE:		DATE:	May 22, 2016
SIGNATURE:	Nagendra Kumar Najnar	DATE:	"

1/1

ASSIGNMENT

For good and valuable consideration, WE, Reinaldo Penno, residing at 881 Vida Larga Loop, Milpitas, CA 95035; Carlos M. Pignataro, residing at 5116 Terra Cotta Drive, Raleigh, NC 27613; and Nagendra Kumar Nainar, residing at 1113 Autumn Day Dr., Morrisville, NC 27560, hereinafter individually or collectively referred to as "Assignor";

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Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

SIGNATURE:		DATE:	
	Reinaldo Penno		
SIGNATURE:		DATE:	
	Carlos M. Pignatino		NE/N9/9016
SIGNATURE:	O Nog dale	DATE:	
	Nagendra Kumar Nainar		

PATENT REEL: 038642 FRAME: 0441