506010171 04/10/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KHAWAR DEEN	07/11/2016
NAVINDRA YADAV	07/11/2016
ANUBHAV GUPTA	07/13/2016
SHASHIDHAR GANDHAM	07/11/2016
ROHIT CHANDRA PRASAD	07/16/2016
ABHISHEK RANJAN SINGH	07/11/2016
SHIH-CHUN CHANG	07/11/2016

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:	16846117

CORRESPONDENCE DATA

Fax Number: (415)248-2101

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: 713-374-1600

Email: Cisco-Internal@polsinelli.com

Correspondent Name: CISCO TECHNOLOGY, INC. C/O POLSINELLI PC

Address Line 1: 1000 LOUISIANA STREET

Address Line 2: SUITE 6400

Address Line 4: HOUSTON, TEXAS 77002

ATTORNEY DOCKET NUMBER:	654195 (999682-US.19)
NAME OF SUBMITTER:	MATTHEW FRONTZ
SIGNATURE:	/Matthew Frontz/
DATE SIGNED:	04/10/2020

506010171 PATENT REEL: 052373 FRAME: 0260

Total Attachments: 8 source=654195_Assignment#page1.tif source=654195_Assignment#page2.tif source=654195_Assignment#page3.tif source=654195_Assignment#page4.tif source=654195_Assignment#page5.tif source=654195_Assignment#page6.tif source=654195_Assignment#page7.tif source=654195_Assignment#page8.tif

PATENT REEL: 052373 FRAME: 0261

ASSIGNMENT (JOINT)

THIS ASSIGNMENT, by Khawar Deen; Navindra Yadav; Anubhav Gupta; Shashidhar Gandham; Rohit Chandra Prasad; Abhishek Ranjan Singh; and Shih-Chun Chang (hereinafter referred to collectively as the "Assignors"), witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in: SYSTEM AND METHOD OF DETECTING HIDDEN PROCESSES BY ANALYZING PACKET FLOWS, set forth in an application for Letters Patent of the United States filed herewith.

WHEREAS, CISCO TECHNOLOGY, INC., a corporation duly organized under and pursuant to the laws of the State of California, and having a principal place of business at 170 West Tasman Drive, San Jose, California 95134 (hereinafter referred to as the "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions and applications for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, said Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said Assignee, its successors, legal representatives and assigns, Assignors' interest in the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made; and

FOR THE SAME CONSIDERATION, said Assignors hereby covenant and agree to and with said Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said Assignors are the lawful owners of the entire right, title and interest in and to said invention and the application for Letters Patent above mentioned, and that the same is unencumbered and that said Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth; and

FOR THE SAME CONSIDERATION, said Assignors hereby covenant and agree to and with said Assignee, its successors, legal representatives and assigns, that said Assignors will, whenever counsel of said Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said Assignee, its successors, legal representatives and assigns.

FOR THE SAME CONSIDERATION, said Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said Assignee, its successors, legal representatives and assigns, Assignors' interest in the entire right, title and interest in all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to Assignee, or may accrue hereafter including, but not limited to, the right to sue for, collect, and retain damages for past infringement of the said Patents and Applications before or after issuance.

Attorney Docket No.: 544741(999591-US.01)

Date:	Signature: Khawar Deen
Date:	
Date:	Signature: Anubhav Gupta
Date:	Signature: Shashidhar Gandham
Date:	Signature:
Date:	Signature: Abhishek Ranjan Singh
Date:	Signature:Shih-Chun Chang

Date:	Signature:
Date: 07/11/2016	Khawar Deegi
Date:	
Date:	Signature: Shashidhar Gandham
Date:	Signature:
Date:	Signature:Abhishek Ranjan Singh
Date:	Signature:

Date:	Signature:	
		Khawar Deen
Date:	Signature:	North des Wales
		Navindra Yadav
Date: 07/13/2016	Signature:	Anubhay Gupta
		Anamay (supra
Date:	Signature:	Shashidhar Gandham
Date:	Signature:	Rohit Chandra Prasad
D.		
Date:	Signature:	Abhishek Ranjan Singh
Date:	Signature:	
		Shih-Chun Chang

Attorney Docket No.: 544741(999591-US.01)

Date:	Signature:	
		Khawar Deen
Date:	Signature:	Navindra Yadav
Division		
Date:	_ Signature;	Anubhav Gupta
Date: 07/11/2016	_ Signature;	Shashidhar Gandham
· š		Shashidhar Gandham
Date:	_ Signature:	
		Rohit Chandra Prasad
Date:	_ Signature:	
		Abhishek Ranjan Singh
Thetar	C:	
Date:	_ signature:_	Shih-Chun Chang

Attorney Docket No.: 544741(999591-US.01)

Date:	Signature:
	Khawar Deen
Date:	Signature:
	Navindra Yaday
Date:	Signature:
	Anubhav Gupta
Date:	Signature:
	Shashidhar Gandham
Date: 16 July 20 16	Signature: Politich
	Robit Chandra Prasad
Date:	Signature:
	Abhishek Ranjan Singh
Date:	Signature:
	Shih-Chun Chang

Attorney Docket No.: 544741(999591-US.01)

Date:	Signature:
	Khawar Deen
Date:	
	Navindra Yadav
Date:	Signature:
	Anubhay Gupta
Date:	
	Shashidhar Gandham
Date:	
	Rohit Chandra Prasad
Date: July 11, 2016	Signature: Abkishek Ranjan Singh
	Abhistick Ranjan Singh
	Constitution of the second of
Date:	Signature:
	Shih-Chun Chang

Attorney Docket No.: 544741(999591-US.01)

IN WITNESS WHEREOF, Assignors have thus set their hands on the dates below written,

Date:	Signature:
	Khawar Deen
Date:	Signature: Navindra Yadav
Plate	
Date:	Signature: Anubhav Gupta
Date:	Signature: Shashidhar Gandham
Date:	Signature:
Date:	Signature: Abhishek Ranjan Singh
Date: 7/13 2016	Signature:Shit Chun Chang

RECORDED: 04/10/2020