504107015 11/22/2016 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4153684

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT				
CONVEYING PARTY D	ΑΤΑ						
		Name	Execution Date				
JAY KEMPER JOHNST	ON		11/15/2016				
MAGNUS MORTENSEN	١		11/15/2016				
DAVID C. WHITE JR.			11/15/2016				
JOSEPH MICHAEL CLA	ARKE		11/17/2016				
RECEIVING PARTY DA							
Name:	CISCO	TECHNOLOGY, INC.					
Street Address:	170 WE	170 WEST TASMAN DRIVE					
City:	SAN JO	SAN JOSE					
State/Country:	CALIFO	DRNIA					
Postal Code:	95134						
PROPERTY NUMBERS Property Type	Total: 1	Number	7				
		Number 15358426					
Property Type Application Number:							
Property Type Application Number: CORRESPONDENCE D	ΟΑΤΑ	15358426					
Property Type Application Number: CORRESPONDENCE D Fax Number:	ΑΤΑ	(310)556-1802					
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i>	DATA De sent to	15358426					
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Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA be sent to provideo	15358426 (310)556-1802 b the e-mail address first; if that is un d; if that is unsuccessful, it will be se 415-814-6161 CiscoMail@polsinelli.com CISCO TECHNOLOGY, INC. C/O POL 1000 LOUISIANA STREET FIFTY-THIRD FLOOR HOUSTON, TEXAS 77002	nt via US Mail.				
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA be sent to provideo	15358426 (310)556-1802 b the e-mail address first; if that is un d; if that is unsuccessful, it will be se 415-814-6161 CiscoMail@polsinelli.com CISCO TECHNOLOGY, INC. C/O POL 1000 LOUISIANA STREET FIFTY-THIRD FLOOR HOUSTON, TEXAS 77002 549768(1004234-US.01)	nt via US Mail.				

PATENT REEL: 040400 FRAME: 0171

ASSIGNMENT (JOINT)

THIS ASSIGNMENT, by Jay Kemper Johnston; Magaus Mortensen; David C. White Jr.; Joseph Michael Clarke (hereinafter referred to collectively as the "Assignors"), witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in: GRAPHICAL USER INTERFACE FOR VISUALIZING A PLURALITY OF ISSUES WITH AN INFRASTRUCTURE, 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.

55239516.1

Page 1 of 2

Client Ref. No.: CPOL 1004234-US.01

Date:

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

Date:	11/15/2016		Signature:	Jan Ken	our W	the	
Date:)(licbach		Jay	Kemper Joh	iston /		
LJaie: 11	1.0 10010	<u></u>	Signature Ma	gims Mortens	.t		
Date:	a a :	ал ²⁰ асын Солосон алар	Signature:			ang taku ang pang mang pang pang pang pang pang pang pang p	

David C. White Jr.

Signature:___

Joseph Michael Clarke

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PATENT REEL: 040400 FRAME: 0173

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Client Ref. No.: CPOL 1004234-US.01

Attorney Docket No.: 549768(1004234-US.01)

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

Date:	Signature: Jay Kemper Johnston
Date:	Signature: Magnus Mortensen
Date: <u>15 NOV 2016</u>	Signature: C. Maria C. White Jr.
Date:	Signature: Joseph Michael Clarke

S.

Page 2 of 2

Client Ref. No.: CPOL 1004234-US.01

Attorney Docket No.: 549768(1004234-US.01)

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

Date:	Signature:	
		Jay Kemper Johnston
Date	Signature:	
		Magnus Mortensen
Date:	Signature:	
Date: 11/17/2016	Signature:	David & White Jr.
		Jóséph Michael Ciarke

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PATENT REEL: 040400 FRAME: 0175

RECORDED: 11/22/2016

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