504248347 02/28/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4295025

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
ATURE OF CONVEYAN	ICE:	ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY DA	ATA				
		Name	Execution Date		
POK WONG			02/17/2017		
LOKESH ETHIRAJAN			02/27/2017		
AMOL BOROLE			02/17/2017		
RAMESH NAMPELLY			02/21/2017		
RECEIVING PARTY DA	TA				
Name:	CISCO	FECHNOLOGY, INC.			
Street Address:	170 WE	ST TASMAN DRIVE			
City:	SAN JO	SAN JOSE			
State/Country:	CALIFO	CALIFORNIA			
Postal Code:	95134				
Property Lype					
Property Type Application Number:	1	Number 5444753	-		
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Application Number:					
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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Pok Wong; Lokesh Ethirajan; Amol Borole; and Ramesh Nampelly (hereinafter referred to as Assignors), residing at 1651 Shore Place #1, Santa Clara, California 95054; 125 Connemara Way Apt. 128, Sunnyvale, California 94087; 1550 Salamanca Ct, Fremont, California; and 1331 S. Wolfe Rd, Apt. #2, Sunnyvale, California 94087, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in NETWORK ENDPOINT PROFILING USING A TOPICAL MODEL AND SEMANTIC ANALYSIS, set forth in a Patent application for Letters Patent of the United States, filed herewith; and

WHEREAS, Cisco Technology, Inc., a Corporation organized under and pursuant to the laws of California having its principal place of business at 170 West Tasman Drive, San Jose, California 95134 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

0140344.0

PATENT REEL: 041830 FRAME: 0060

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencombered and that 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, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will 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 any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

0140944.0

PATENT REEL: 041830 FRAME: 0061

PARKER IBRAHIM & BERG LLC

All practitioners at Customer Number 126982

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date:	Signature Pok Wong
Date:	Signature: Lokesh Fihirajan
Date:	Signature: Amol Borole
Date:	Signature:

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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Pok Wong; Lokesh Ethirajan; Amol Borole; and Ramesh Nampelly (hereinafter referred to as Assignors), residing at 1651 Shore Place #1, Santa Clara, California 95054; 125 Connemara Way Apt. 128, Sunnyvale, California 94087; 1550 Salamanca Ct, Fremont, California; and 1331 S. Wolfe Rd. Apt. #2, Sunnyvale, California 94087, respectively;

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WHEREAS, Clicco Technology, Inc., a Corporation organized under and pursuant to the laws of California having its principal place of business at 170 West Tasman Drive, San Jose, California 95134 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

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AND for the same consideration, Assignors hereby represent and warrant to Assigned, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that 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. Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will 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 any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent for said inventions in any country, lactures Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

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PATENT REEL: 041830 FRAME: 0064

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PARKER IBRAHIM & BERG LLC

All practitioners at Customer Number 126982

\$ 35

AND Assignors acknowledge an obligation of assignment of this invention to Assignce at the time the invention was made.

Date:	Signature:	Pok Wong
Date: 221 2017	Signature:	B.E. John Lokesh Ethirajan
Date:	Signature:	Amol Borole
Date:	Signature:	Ramesh Nampelly

2140344 ()

ASSIGNMENT BY INVENTORS.

THIS ASSIGNMENT, made by Pok Wong; Lokesh Ethirajan; Amol Borole; and Ramesh Nampelly (hereinafter referred to as Assignors), residing at 1651 Shore Place #1, Santa Clara, California 95054; 125 Connemara Way Apt. 128, Sunnyvale, California 94087; 1550 Salamanca Ct, Fremont, California 94539; and 1331 S. Wolfe Rd. Apt. #2, Sunnyvale, California 94087, respectively;

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PATENT REEL: 041830 FRAME: 0066

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee. Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencombered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

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AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

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PATENT REEL: 041830 FRAME: 0067

PARKER IBRAHIM & BERG LLC

All practitioners at Customer Number 126982

AND Assignors acknowledge an obligation of assignment of this invention to Assignce at the time the invention was made.

Date		

Signature: Pok Wong

Date:

Signature: Lokesh Ethirajan

Date: 2/17/2017

Signature:

Amol Borole

Date:

Signature

Ramesh Nampelly

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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Pok Wong: Lokesh Ethirajan; Amol Borole; and Ramesh Nampelly (hereinafter referred to as Assignors), residing at 1651 Shore Place #1, Santa Clara, California 95054; 125 Connemara Way Apt. 128, Sunnyvale, California 94087; 1550 Salamanca Ct, Fremont, California 94539; and 1331 5. Wolfe Rd. Apt. #2, Sunnyvale, California 94087, respectively;

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PATENT REEL: 041830 FRAME: 0069

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AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee. Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

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PATENT REEL: 041830 FRAME: 0070

PARKER IBRAHIM & BERG LLC

All practitioners at Customer Number 126982

AND Assignors acknowledge an obligation of assignment of this invention to Assignce at the time the invention was made.

Dare:		Signature	Pok Wong
Date:		Signature:	Lokesh Ethirajan
Date:	,	Signature:	Amol Borole
Date:	-5/21/2017	Signature:	2-O

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Ramesh Nampelly

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RECORDED: 02/28/2017