#### 505045378 08/10/2018

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5092131

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SANTOSH GHANSHYAM PANDEY	07/23/2018
JEAN-PHILIPPE VASSEUR	07/17/2018
SUKRIT DASGUPTA	08/06/2018

#### **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:	16100451

#### **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.

**Phone:** 617-918-7600

**Email:** patent@piblaw.com, dawn.grimes@piblaw.com

Correspondent Name: PARKER IBRAHIM & BERG LLP

Address Line 1: ONE FINANCIAL CENTER

Address Line 4: BOSTON, MASSACHUSETTS 02111

ATTORNEY DOCKET NUMBER:	0141160.U
NAME OF SUBMITTER:	KENNETH J. HEYWOOD
SIGNATURE:	/Kenneth J. Heywood/
DATE SIGNED:	08/10/2018

#### **Total Attachments: 6**

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PATENT 505045378 REEL: 046773 FRAME: 0010

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#### ASSIGNMENT

WHEREAS, I/we the undersigned inventor(s) (bereinafter "ASSIGNOR(S)") have invented certain new and useful improvements as set forth in the patent application entitled:

## MACHINE LEARNING-BASED CLIENT SELECTION AND TESTING IN A NETWORK ASSURANCE SYSTEM

Mwhich is being filed herewith	
Owhich was filed on	us U.S. Patent Application No.
(hereinafter the "Application").	

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the ASSIGNOR(S):

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 ASSIGNER 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 mure 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 PARKER IBRAHIM & BERG LLP, One Financial, Boston, Massachusetts 02111 to insert in the blanks above the filing date and application number of the Application when known.

Signature		Date: <u>46,6</u> 2,23,201,
Typed Name: 3	santosh Ghanshyam Panc	ley 🐰 😾
Address: 3166	Washington Boulevard, I	Fremont, Čalifornia 94539
Signature:		Date:
Typed Name:	can-Philippe Vasseur	
		410 Saint Martin D'uriage, FRANCE
Signature:		Date:
Typed Name: 5	sukrit Dasouota	
	and the control of th	201, Norwood, Massachusetts 02062



#### ASSIGNMENT

WHEREAS. Were the underespect becomes thereteafter "ASSIGNOR(S)") have invested certain new and useful improvements as set forther the patient application orbitod.

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the right to file applications and to obtain parents or like protection excluding, e.g., using models, inventors' certificates, and/or designs for the improvements in any country throughout the World, tackating the right to stain priority from any such application; and any and all provisional, non-provisional, divisional, continuing (whether a continuation or a continuation to part), substitute, renewal, toissue, and other applications for Letters Patent which have been or shall be filed in any country on any of the improvements; and to and to all original and research patents which have been or shall be filed in any country on any of the improvements.

- Apphorize and request the Commissioner of Patents and Trademarks at the United States, and any Official of any country or countries foreign to the United States, whose day it is to issue putents of other exidence or forms of industrial property protection on applications as aforesaid as applicable, to issue the same to ASSIGNEE and its sucrossors and assigns, in sectorsance with the terms of the instrument.
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ASSIGNED, its successors, assigns or logal representatives consider masonably near-stary for scentring and maintaining proper patent protection for the improvements, for vesting title to the improvements and all patent applications and patents for the improvements, in ASSIGNEF and its successors and assigns, and for enforcing the rights of ASSIGNEE and its successor and assigns, and to any or all of the improvements and any applications of patents) therefore

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- 5) Coverant and agree that the terms, coverants and conditions of this assignment shall inote to the benefit of ASSIGNED and its successors and assigns, and shall be binding upon me/os and my/sur beits, assigns, and logal representatives.
- 6) Coverant and agree that this assignment and any action, sait, proceeding or claim arising under or relating to this assignment will be governed, reterpreted, construed, and enforced in all respects in accordance with the laws of the State of Childowin and by any controlling Federal U.S. law with respect to the subject matter, sufficial reterence to its choice of law principles to the contrary.
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Server	£ 800 d.
Typed Name: Samoon Gla	DeteDete
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	Turrer - San
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200 Sept. 100 Se	associae, 384 (D Saisi Mattis D'unago, FRANC)
Signatures	Date:
Typod Name: Sukrit Dasg.	**************************************
Address 150 Buckminster	Drive Asses VIII Services As



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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;

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- 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.
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- Authorize a representative of PARKER IBRAHIM & BERG LLP, One Financial, Boston, Massachusetts 02111 to insert in the blanks above the filing date and application number of the Application when known.

Signature:	Date:
Signature: Typed Name: Santosh Ghansh	yam Pandey
Address: 3166 Washington Bo	sulevard, Fremont, California 94539
Signature:	Date:
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oignauic.	1386; And o' 5010
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PATENT REEL: 046773 FRAME: 0017

**RECORDED: 08/10/2018**