504277068 03/17/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4323750

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUDHARSAN RANGARAJAN	02/21/2017
DAJIT SINGH	02/21/2017

RECEIVING PARTY DATA

Name:	CITRIX SYSTEMS, INC.
Street Address:	851 WEST CYPRESS CREEK ROAD
City:	FORT LAUDERDALE
State/Country:	FLORIDA
Postal Code:	33309

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15459890

CORRESPONDENCE DATA

Fax Number: (617)342-4001

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: 6173424000

Email: kquebec@foley.com, ipdocketing@foley.com

Correspondent Name: CHRISTOPHER J. MCKENNA
Address Line 1: FOLEY & LARDNER LLP

Address Line 2: 111 HUNTINGTON AVENUE, SUITE 2500

Address Line 4: BOSTON, MASSACHUSETTS 02199

ATTORNEY DOCKET NUMBER: 099011-3904 (CTX-1342US)

NAME OF SUBMITTER: KAYLA M. QUEBEC

SIGNATURE: /Kayla M. Quebec/

DATE SIGNED: 03/17/2017

Total Attachments: 4

source=2017-03-17_CTX-1342US_Assignment#page1.tif source=2017-03-17_CTX-1342US_Assignment#page2.tif source=2017-03-17_CTX-1342US_Assignment#page3.tif source=2017-03-17_CTX-1342US_Assignment#page4.tif

PATENT 504277068 REEL: 041606 FRAME: 0725

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

> Citrix Systems, Inc. 851 West Cypress Creek Road Fort Lauderdale, FL 33309 US

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

SYSTEMS AND METHODS FOR QUALITY OF EXPERIENCE FOR INTERACTIVE APPLICATION IN HYBRID WAN

		$g^{\prime} \rightarrow g^{\prime}$
check one	[] executed concurrently herewith,	
	[X Serial No. 15/459,890	Filed March 15, 2017
	{ A } 500101 1 V57 157457050	A 1104 Annium minimum managamanananananananananananananananana

as set forth in this United States Patent Application

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all'divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

Page 1 of 4

tim

PATENT REEL: 041606 FRAME: 0726 ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Foley & Lardner LLP the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Foley & Lardner LLP do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Page 2 of 4

Executed this 2/4 day of Feb. 20/7.

R. Sedhansan

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document, to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of Santa (lana)

m 2/21/2017, before me, Rosa E. Reseadez

personally appeared <u>SUDHARSAN RANGARAJAN</u>
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/their executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hard and official sear

ngnature/<u>//rville/</u>p

Signature of Notary Public

ROSA E. RESENDEZ
Commission # 2119750
Notary Public - Californis
Santa Clara County
My Comm. Expires Aug 13, 2019

Place Notary Seal Above

Atty. Dkt. No. 099011-3904 (CTX-1342US)

Executed this 21 day of Feb 20/7.

DALJIT SINGH

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document, to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of <u>LALY (1744</u>) County of <u>SAATA LAG</u>)

n <u>2/21/2017</u>, before **me**, /

NSO E. KESEASEZ - NO HES Here insert Name and Title of the Officer (Notary Public)

personally appeared <u>DALJIT SINGH</u>
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/their executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal

Signature M. A.

Signature of Notary Public

ROSA E. RESENCEZ
Commission # 2119750
Notary Public - California
- Santa Clara County
My Comm. Expires Aug 13, 2019

Place Notary Seal Above

RECORDED: 03/17/2017

Page 4 of 4

4842-3503-4179.1