PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5188803

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AYUSH JAIN	10/12/2018
JASON-LEE THOMAS	10/15/2018
ALEXANDR SMELOV	10/15/2018

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:	16160337

CORRESPONDENCE DATA

Fax Number: (202)824-3001

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) 720-9600

Email: bwptopat@bannerwitcoff.com **Correspondent Name:** BANNER & WITCOFF, LTD.

Address Line 1: 1100 13TH ST. NW

Address Line 2: STE 1200

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	007737.00942	
NAME OF SUBMITTER:	DEREK DARRELL DONAHOE	
SIGNATURE:	/Dered Darrell Donahoe/	
DATE SIGNED:	10/15/2018	

Total Attachments: 3

source=A. Smelov Signed Combined Declaration and Assignment#page1.tif source=J. Thomas Signed Combined Declaration and Assignment-signed#page1.tif

source=A.Jain Signed Combined Declaration and Assignment#page1.tif

PATENT REEL: 047168 FRAME: 0374

505142037

COMBINED PATENT DECLARATION AND ASSIGNMENT

TITLE OF INVENTION:	ITLE OF INVENTION: SCALABLE MESSAGE PASSING ARCHITECTURE IN A CLOUD ENVIRONMENT				
		ECLARATION		***************************************	
As the below named invent	or, I hereby declare that:				
 This declaration is directed to: 		application, or			
		application or PCT interna		cation	
I believe that I amI hereby acknowled	the original inventor or a dge that any willful false s	or authorized to be made in original joint inventor of tatement made in this decrease five (5) years, or both.	by me. a claimed ir	vention in the	
	***************************************	SSIGNMENT	····	***************************************	
WHEREAS, I, the below nam application number and filir		ve invented the above inv	ention, havi	ng the follow	6 08
U.S. Applic	ation No.		20		
If the above lines are blank, number immediately above	I hereby authorize the at	torneys for Assignee to ins	ert the filin	g date and app	olication
WHEREAS, Citrix Systems, In Creek Rd., Ft. Lauderdale, Ft inventions and in and to all any and all countries foreign	. 33309, is desirous of acc applications and Letters P	uiring the entire right, title	e and intere	st in and to th	e aforesaid
NOW, THEREFORE, TO WHO salary and/or payment for the hereby acknowledged, I said assigns and legal representa America and all countries for Letters Patent in foreign countries are and in and to all applications are and in and to all applications reexaminations, continuation with their associated goodwuse, or sell the inventions.	ne making of inventions, it Assignor, by these prese tives, the full and exclusively these thereto, and throug ntries in its own name are entitled under internations and Letters Patent grants, continuation-in-parts	or employee benefits, the ints do sell, assign and trance right, title and interest fout the world and in spand to claim any priority rights conventions, treatles, ced therefor, and all non-pland extensions thereof, and	receipt and safer unto sa or the territice, (including safe such or otherwise rovisionals, and in and to	sufficiency of aid Assignee, it cory of the Uning the right to a foreign applicable, in and to saidly sionals, reliall copyrights,	which is is successors, ted States of apply for ations to id inventions issues, trademarks
I hereby authorize and reque issue all Letters Patent on sa assignee of the entire right, I deliver this assignment.	id inventions or resulting	therefrom to said Assigne	e, or its succ	cessors and as	signs, as
I agree that I will without fur successors, assigns, or nomir that I will execute all non-pro applications, testify in any le everything reasonable for sa protection for said invention	nees, any and all facts kno ovisional, divisional, reissi gal proceedings, sign all li id Assignee, its successori	wn to me regarding said in Ie, reexamination, continu Iwful papers, make all righ	nventions w ation and c tful oaths, a	henever requi ontinuation-in and generally (ested, and i-part io
INVENTOR/ASSIGNOR:	•••••••••••••••••••••••••••••••••••••••				······
	exandr SMELOV	Citiz	enship	<u>US</u>	
Residence (City, State/Pro		<u>IORTH LAUDERDALE, FL</u>	2.00		., I
Signature:	Smelov	Date	: 10	7157201	X 1

PATENT REEL: 047168 FRAME: 0375

COMBINED PATENT DECLARATION AND ASSIGNMENT

TITLE OF INVENTION:	SCALABLE MESSAGE PASSING ARCHITECTURE IN A CLOUD ENVIRONMENT	
	DECLARATION	
As the below named invento	or, I hereby declare that:	
 This declaration is directed to: 	☐ The attached application, or	
	United States application or PCT international application number	
 The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. 		
	ASSIGNMENT	
WHEREAS, I, the below nam application number and filin	ned Inventor/Assignor, have invented the above invention, having the following ng date:	
U.S. Applic	cation No	
	I hereby authorize the attorneys for Assignee to insert the filing date and application after they become known and prior to recording this document.	
WHEREAS, Citrix Systems, Inc. ("Assignee"), a Corporation having offices and a place of business at 851 West Cypress Creek Rd., Ft. Lauderdale, FL 33309, is desirous of acquiring the entire right, title and interest in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the United States of America, and in any and all countries foreign thereto:		
NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary and/or payment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, continuation-in-parts and extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions.		
I hereby authorize and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment.		
I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all non-provisional, divisional, reissue, reexamination, continuation and continuation-in-part applications, testify in any legal proceedings, sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.		
INVENTOR/ASSIGNOR:	:	
Legal Name:Ja	ason-Lee THOMAS Citizenship JM	
Residence (City, State/Pro		
Signature:	Date:	

PATENT REEL: 047168 FRAME: 0376

COMBINED PATENT DECLARATION AND ASSIGNMENT

TITLE OF INVENTION:	SCALABLE MESSAGE PASSING ARCHITECTURE IN A CLOUD ENVIRONMENT			
A a a b a b a b a b	DECLARATION			
As the below named inventor This declaration	or, I hereby declare that:			
is directed to:	☐ The attached application, or			
A. Carrier of the second	United States application or PCT international application number			
I believe that I am II hereby acknowled	ed application was made or authorized to be made by me. The original inventor or an original joint inventor of a claimed invention in the application. The second s			
WHEREAS, I, the below nam	ASSIGNMENT ed Inventor/Assignor, have invented the above invention, having the following			
application number and filin				
U.S. Applic	ration No, filed			
If the above lines are blank, number immediately above	I hereby authorize the attorneys for Assignee to insert the filing date and application after they become known and prior to recording this document.			
WHEREAS, Citrix Systems, Inc. ("Assignee"), a Corporation having offices and a place of business at 851 West Cypress Creek Rd., Ft. Lauderdale, Ft. 33309, is desirous of acquiring the entire right, title and interest in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the United States of America, and in any and all countries foreign thereto:				
NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary and/or payment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, continuation-in-parts and extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions.				
I hereby authorize and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment.				
I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all non-provisional, divisional, reissue, reexamination, continuation and continuation-in-part applications, testify in any legal proceedings, sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.				
INVENTOR/ASSIGNOR:				
· · · · · · · · · · · · · · · · · · ·	yush JAIN Citizenship IN			
Residence (City, State/Pro Signature:	vince): North Lauderdale, FL Date: 10/12/2018			
	Date. 1911 E. Eur. V			

PATENT REEL: 047168 FRAME: 0377

RECORDED: 10/15/2018