PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2812424

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BASSAM EL FAOURIE	02/03/2014
LIN CAO	12/17/2013
IAN RUSSELL WESLEY	12/12/2013
VENU GOPAL NATHANI	12/19/2013
DMITRI TYRYSHKIN	04/07/2014

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:	14152355	

CORRESPONDENCE DATA

Fax Number: (312)463-5001

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 3124635000

bwptopat@bannerwitcoff.com, ksimoni@bannerwitcoff.com Email:

Correspondent Name: BANNER & WITCOFF, LTD. 10 SOUTH WACKER DR. Address Line 1:

Address Line 2: **SUITE 3000**

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	007737.00330
NAME OF SUBMITTER:	BRIAN J. EMFINGER
SIGNATURE:	/Brian J. Emfinger/
DATE SIGNED:	04/14/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

PATENT REEL: 032664 FRAME: 0418

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CUIV	IBINED PATENT DECLARATION AND ASSIGNMENT		
TITLE OF INVENTION:	REMOTING OR LOCALIZING TOUCH GESTURES AT A VIRTUALIZATION CLIENT AGENT		
	DECLARATION		
As the below named invent			
 This declaration is directed to: 	The attached application, or		
	☐ United States application or PCT international application number 14/152,355 filed on January 10, 2014.		
 The above-identific 	ed application was made or authorized to be made by me.		
 I hereby acknowled 	the original inventor or an original joint inventor of a claimed invention in the application. dge that any willful false statement made in this declaration is punishable under 18 U.S.C. orisonment of not more than five (5) years, or both.		
	ASSIGNMENT		
WHEREAS, I, the below nan application number and filir	ned Inventor/Assignor, have invented the above invention, having the following ng date:		
U.S. Pate	ent Application Serial No. 14/152,355, filed January 10, 2014		
	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 and having its offices and a place of business at 851 West Cypress Creek Road, Fort 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:			
	assam El Faourie Citizenship LB		
Residence (City, State/Pro			
Signature:	Date: <u>09/63/95</u>		

COMBINED PATENT DECLARATION AND ASSIGNMENT

TITLE OF	
INVENTION	K

REMOTING OR LOCALIZING TOUCH GESTURES AT A VIRTUALIZATION CLIENT AGENT

DECLARATION

As the below named inventor, I hereby declare that:

- This declaration is directed to:
- The attached application, or
- X United States application or PCT international application number 14/152,355 filed on January 10, 2014.
- 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 named Inventor/Assignor, have invented the above invention, having the following application number and filing date:

U.S. Patent Application Serial No. 14/152,355, filed January 10, 2014

If the above lines are blank, I hereby authorize the attorneys for Assignee to insert the filing date and application number immediately above after they become known and prior to recording this document.

WHEREAS, Citrix Systems, Inc. ("Assignee"), a Corporation and having its offices and a place of business at 851 West Cypress Creek Road, Fort 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, 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/AS	SIGNOR:					
Legal Name:	Dmitri Tyryshkin		Citizens	ship	IL.	
Residence (City,	State/Province):	Fort Lauderdale,	FL		1	
Signature:	angeria		Date:	4/5	7/14	
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	CON	/IBINED	PATENT	DECLARA"	TION AND AS:	SIGNMEI	VT
TITLE	OF INVENTION:	REMOT AGENT	ING OR LO	CALIZING TO	UCH GESTURES /	AT A VIRTU	ALIZATION CLIENT
***************************************	<u></u>	··8·······	***************************************	DECLARATI	ON	***************************************	.0000000000000000000000000000000000000
As the	below named inven	or, I hereb	y declare th	at:			
₩.	This declaration is directed to:		The attach	ed application	or		
		×	United Sta 14/152,35		or PCT internation on January 10, 20		n number
•	The above-identif	ed applicat	ion was ma	de or authorize	ed to be made by m	ie.	
*		dge that ar	y willful fals	se statement n	nade in this declara		tion in the application. hable under 18 U.S.C.
			***************************************	ASSIGNME	NT	***************************************	***************************************
	EAS, I, the below nar tion number and fili		or/Assignor,	have invented	the above inventi	on, having th	ne following
	U.S. Paten	t Applica	tion Seria	al N o. 14/15	52,355, filed Ja	nuary 10	, 2014
	bove lines are blank r immediately above						e and application
Cypress aforesa		uderdale, and to all	FL 33309, is applications	desirous of ac and Letters Pa	quiring the entire r	ight, title an	ousiness at 851 West d interest in and to the sited States of
salary a hereby assigns America Letters which s and in a reexam with the	and legal represent a and all countries for Patent in foreign co such applications are and to all application inations, continuations	the making d Assignor, atives, the preign ther untries in it entitled us and Letterns, contin	of invention by these prifull and excleto, and threes sown name ander internaters Patent grund uation-in-pa	is, or employe esents do sell, usive right, titl oughout the w and to claim tional convent anted therefo rts and extens	e benefits, the rece assign and transfer e and interest for t orld and in space, { any priority rights f ions, treaties, or of r, and all non-provitions thereof, and in	eipt and sufficents and A he territory including the or such fore therwise), in sionals, divisionals	ciency of which is ssignee, its successors of the United States of e right to apply for ign applications to and to said inventions
issue al assigne	y authorize and requ I Letters Patent on s e of the entire right, this assignment.	aid inventi	ons or result	ing therefrom	to said Assignee, o	r its success	
success that I w applicat everyth	ors, assigns, or nom rill execute all non-p tions, testify in any l	inees, any rovisional, egal procee aid Assigne	and all facts divisional, re edings, sign e, its succes	known to me eissue, reexam all lawful pape	regarding said inve ination, continuations, make all rightful	ntions when on and conti loaths, and l	
INVEN	ITOR/ASSIGNOR	6 ·	***************************************	***************************************	**************************************	***************************************	**************************************
Legal N		in Cao	Man an a		Citizens	ship	CN
	nce (City, State/Pr	ovince):		Fort Laude	rdale, FL	***************************************	
Signatu	re:	<u> </u>	<u> 27.3:30.</u>	**************************	Date:	12/17	1/24 (3)

Attorney Docket No. 007737.00330

COMBINED PATENT DECLARATION AND ASSIGNMENT

TITLE OF INVENTION:	REMOTING OR LOCALIZING TOUCH GESTURES AT A VIRTUALIZATION CLIENT AGENT			
	DECLARATION			
DECLARATION As the below named inventor, I hereby declare that:				
 This declaration is directed to: 	☐ The attached application, or			
	United States application or PCT international application number 14/152,355 filed on January 10, 2014			
I believe that I am tI hereby acknowled	d application was made or authorized to be made by me. the original invention or an original joint inventor of a claimed invention in the application. Ige that any willful false statement made in this declaration is punishable under 18 U.S.C. or is not more than five (5) years, or both.			
	ASSIGNMENT			
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U.S. Pate	nt Application Serial No. 14/152,355, filed January 10, 2014			
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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.				
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INVENTOR/ASSIGNOR:				
Legal Name: Ve Residence (City, State/Prov Signature: N \ \				
7.0	Date: 12/19/2013			

COMBINED SATENT DECLARATION AND ASSIGNMENT			
TITLE OF INVENTION:	REMOTING OR LOCALIZING TOUCH GESTURES AT A VIRTUALIZATION CLIENT AGENT		
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INVENTOR/ASSIGNOR			
	an Russell Wesley Citizenship US ovinge): / / Parkland, FL / /		
Signature:	n 4/8/lus Date: 12/12/2013		

RECORDED: 04/14/2014