PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4891037

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PRATAP DANDE	03/26/2018
MANIKUMAR JUTTUKONDA	03/26/2018
DANIEL P. MCCOY	03/28/2018
JOHN MCKENZIE	03/27/2018

RECEIVING PARTY DATA

Name:	BANK OF AMERICA CORPORATION
Street Address:	MAIL CODE NC 1-027-20-05
Internal Address:	214 N. TRYON ST.
City:	CHARLOTTE
State/Country:	NORTH CAROLINA
Postal Code:	28255

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15940156

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: (312) 463-5000

Email: bwptopat@bannerwitcoff.com, mseasay@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:	007131.01989
NAME OF SUBMITTER:	KIRK A. SIGMON
SIGNATURE:	/Kirk A Sigmon/
DATE SIGNED: 03/29/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT |4300 REEL: 045389 FRAME: 0015

504844300

Total Attachments: 8

source=Combined Declaration and Assignment as filed 03.29#page1.tif source=Combined Declaration and Assignment as filed 03.29#page2.tif source=Combined Declaration and Assignment as filed 03.29#page3.tif source=Combined Declaration and Assignment as filed 03.29#page4.tif source=Combined Declaration and Assignment as filed 03.29#page5.tif source=Combined Declaration and Assignment as filed 03.29#page6.tif source=Combined Declaration and Assignment as filed 03.29#page7.tif source=Combined Declaration and Assignment as filed 03.29#page8.tif

PATENT REEL: 045389 FRAME: 0016

COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	EXECUTING TEST SCRIPTS WITH RESPECT TO A SERVER STACK
As the below	named inventor, I hereby declare that:
This declaration is directed to:	A. Lue attached application, or
	United States application or PCT international application number
The above-ide	entified application was made or authorized to be made by me.
I believe that	l am the original inventor or an original joint inventor of a claimed invention in the application.
I hereby ackno imprisonment	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or of not more than five (5) years, or both.
	ASSIGNMENT
date herewith authorize the	Daniel P. McCoy ("Assignor"), a citizen of <u>USA</u> (Country), residing in <u>St. Augustine</u> , <u>FL</u> (City, e) have invented the above invention. If the following lines are blank, the above application was filed on even , otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an assignor below, hereby attorneys for Bank of America to insert the filing date and application number below after they become for to filing the recordation.
	U.S. Application No. <u>15/940,156</u> filed <u>March 29, 2018</u>
title and intere	NK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, est in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the of America, and in any and all countries foreign thereto:
representative countries forei countries in its entitled under Letters Patent in-parts and ex confidential infrequest the Co inventions or minterest. I representation of the comming of t	ORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal so, the full and exclusive right, title and interest for the territory of the United States of America and all gen thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign own name and to claim any priority rights for such foreign applications to which such applications are international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and granted therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, continuation-tensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, formation, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and mmissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said esulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and esent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will reconsideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or and all facts known to me regarding said inventions whenever requested, and that I will execute all non-isional, reissue, reexamination, continuation and continuation-in-part applications, testify in any legal gen all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its igns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

WARNING:

LEGAL NAME OF INVENTOR	
Inventor: Daniel P. McCoy	Date: 3 28 70 18
Signature: / January / March	'

Firm No.: 007131.01989

PMN: 8145US1

COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	EXECUTING TEST SCRIPTS WITH RESPECT TO A SERVER STACK
invention	
As the below	named inventor, I hereby declare that:
This declarati	Λ The attached application, or
	United States application or PCT international application number
The above-ide	entified 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.
-	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or tof not more than five (5) years, or both.
	ASSIGNMENT
<u>Jacksonvi</u> the above app assignment, I	lohn H. McKenzie ("Assignor"), a citizen of USA (Country), residing in $\underbrace{lle, FL}$ (City, State/Province) have invented the above invention. If the following lines are blank, plication was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this an assignor below, hereby authorize the attorneys for Bank of America to insert the filing date and application wafter they become known and prior to filing the recordation.
	U.S. Application No. <u>15/940,156</u> , filed <u>March 29, 2018</u> .
Delaware, and title and inter	NNK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of d having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, test in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the of America, and in any and all countries foreign thereto:
payment for the said Assignor, representative countries for a countries in it entitled under Letters Paten in-parts and a confidential in request the Countriest. I republished in the said of the sai	FORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal es, the full and exclusive right, title and interest for the territory of the United States of America and all eign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign is own name and to claim any priority rights for such foreign applications to which such applications are rinternational conventions, treaties, or otherwise), in and to said inventions and in and to all applications and transfer therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and dommissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and resent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will er consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or y and all facts known to me regarding said inventions whenever requested, and that I will execute all non-ivisional, reissue, reexamination, continuation and continuation-in-part applications, testify in any legal sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its signs, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

WARNING:

purposes are not retained in the application me and therefore	re are not publicly available.
LEGAL NAME OF INVENTOR	
Inventor: John H. McKenzie	Date: 03/27/2018
Signature:/	

COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	EXECUTING TEST SCRIPTS WITH RESPECT TO A SERVER STACK
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
The above-ide	entified application was made or authorized to be made by me.
I believe that	am the original inventor or an original joint inventor of a claimed invention in the application.
	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or of not more than five (5) years, or both.
	ASSIGNMENT
the above appassignment, I,	(Country), residing in (Country), a citizen of (Country), residing in (Country), residing i
	U.S. Application No. <u>15/940,156</u> filed March 29, 2018
Delaware, and title and inter	NK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of I having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, est in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the of America, and in any and all countries foreign thereto:
payment for t said Assignor, representative countries fore countries in it entitled unde Letters Patent in-parts and e confidential in request the Co inventions or interest. I rep without furth nominees, and provisional, di proceedings, s	ORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal es, the full and exclusive right, title and interest for the territory of the United States of America and all ign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign is own name and to claim any priority rights for such foreign applications to which such applications are international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and granted therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, tensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and presulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and resent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will execute all non-visional, reissue, reexamination, continuation and continuation-in-part applications, testify in any legal sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its signs, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

WARNING:

LEGAL NAME OF INVENTOR	are not pu	Difficity available.
Inventor: Pratap Dande	Date: _	03/26/2018
Signature: / SPratap		

Firm No.: 007131.01989

PMN: 8145US1

COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	EXECUTING TEST SCRIPTS WITH RESPECT TO A SERVER STACK
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This declaration is directed to:	on X The attached application, or
	United States application or PCT international application number
The above-ide	entified 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.
	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or t of not more than five (5) years, or both.
	ASSIGNMENT
Jacksonville blank, the abo assignment, I	Manikumar Juttukonda ("Assignor"), a citizen of India (Country), residing in e. FL (City, State/Province) have invented the above invention. If the following lines are over application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this, an assignor below, hereby authorize the attorneys for Bank of America to insert the filing date and application w after they become known and prior to filing the recordation.
	U.S. Application No. 15/940,156 filed March 29, 2018
Delaware, an title and inter	NK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of d having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, est in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the of America, and in any and all countries foreign thereto:
payment for a said Assignor representative countries for countries in it entitled under Letters Paten in-parts and confidential ir request the Conventions or interest. I repwithout furth nominees, and provisional, deproceedings,	FORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal es, the full and exclusive right, title and interest for the territory of the United States of America and all eigh thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign is own name and to claim any priority rights for such foreign applications to which such applications are international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and transfer therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, continuations, extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and immissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and irresent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will er consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or sy and all facts known to me regarding said inventions whenever requested, and that I will execute all non-livisional, reissue, reexamination, continuation and continuation-in-part applications, testify in any legal sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its signs, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

[Page 1 of 2]

Firm No.: 007131.01989

PMN: 8145US1

WARNING:

barbozes are not retained in the abblication me and therefore ar	e not publicly available.
LEGAL NAME OF INVENTOR	
Inventor: Manikumar Juttukonda	Date: <u>03/26/2018</u>
Signature:	