504407056 06/09/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4453754

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
JISOO LEE	06/09/2017
A. UGUR TIGLI	06/09/2017

### **RECEIVING PARTY DATA**

Name:	BANK OF AMERICA CORPORATION
Street Address:	214 NORTH TRYON STREET
Internal Address:	MAILCODE NC1-027-20-05
City:	CHARLOTTE
State/Country:	NORTH CAROLINA
Postal Code:	28255

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15619049

### CORRESPONDENCE DATA

Fax Number: (214)661-4759

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: 2149536759

Email: ptomail1@bakerbotts.com

BAKER BOTTS LLP/BANK OF AMERICA CORPORAT **Correspondent Name:** 

Address Line 1: 2001 ROSS AVENUE

Address Line 2: SUITE 700

Address Line 4: DALLAS, TEXAS 75201

	This document serves as an Oath/Declaration (37 CFR 1.63).
DATE SIGNED:	06/09/2017
SIGNATURE:	/Esmarie A. Garland/
NAME OF SUBMITTER:	ESMARIE A. GARLAND
ATTORNEY DOCKET NUMBER:	015444.1232

**Total Attachments: 4** 

source=0154441232Assignment#page1.tif source=0154441232Assignment#page2.tif

> **PATENT REEL: 042664 FRAME: 0775**

504407056

source=0154441232Assignment#page3.tif source=0154441232Assignment#page4.tif

> PATENT REEL: 042664 FRAME: 0776

Firm No.: 015444.1232 (P7770-US-ORG)

# 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	System and Method of Managing C	omputing Resources
As the below named inventor, I hereby declare that:		
This declaration is		
directed to:	oxtimes The attached application	on, or
	☐ United States applicati filed on	on or PCT international application number
The above-identifie	ed application was made or authori	zed to be made by me.
I believe that I am t	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.		
	ASSI	GNMENT
Chesterfield, New blank, the above recordal of this as insert the filing da recordation.	v Jersey (City, State/Province) have application was filed on even date lessignment, I, an assignor below, he te and application number below a	nited States of America (Country), residing in e invented the above invention. If the following lines are nerewith, otherwise, to comply with 37 C.F.R. §3.21 for ereby authorize the attorneys for Bank of America to after they become known and prior to filing the
U.S. Application N	lo. 15/619,049	, filed <u>June 9, 2017</u>
WHEREAS, BANK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of Delaware, and having its offices and place of business at Charlotte, North Carolina, 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 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		

35390790

Firm No.: 015444.1232 (P7770-US-ORG)

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.

#### WARNING

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PT0-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PT0-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

L	EGAL NAME OF INVENTOR
Inventor: <u>Jisoo Lee</u>	Date: 6/9/2017
Signature: I	

Firm No.: 015444.1232 (P7770-US-ORG)

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

Title of Invention	System and Method of Managing Computing Resources
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 filed on
The above-identific	ed 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
New Jersey (City above application this assignment,	Ugur Tigli ("Assignor"), a citizen of (Country), residing in Jersey City, y, State/Province) have invented the above invention. If the following lines are blank, the n was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of I, an assignor below, hereby authorize the attorneys for Bank of America to insert the filing tion number below after they become known and prior to filing the recordation.
U.S. Application N	No. 15/619,049 , filed June 9, 2017
	K OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of
•	ware, and having its offices and place of business at Charlotte, North Carolina, is desirous of
	re right, title and interest in and to the aforesaid inventions and in and to all applications and erefor 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 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	

35390814

Firm No.: 015444.1232 (P7770-US-ORG)

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.

### WARNING

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PT0-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PT0-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

# 

35390814

RECORDED: 06/09/2017

PATENT REEL: 042664 FRAME: 0780