# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3413166

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
HARESH KURANI	06/02/2015
DIRK ANDERSON	06/25/2015

# **RECEIVING PARTY DATA**

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

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14750133

# CORRESPONDENCE DATA

Fax Number:

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: 2028243000

Email: bwptopat@bannerwitcoff.com **Correspondent Name:** BANNER & WITCOFF, LTD Address Line 1: 1100 13TH STREET, NW

Address Line 2: **SUITE 1200** 

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	007131.01615
NAME OF SUBMITTER:	SCOTT M KELLY
SIGNATURE:	/SCOTT M KELLY/
DATE SIGNED:	06/25/2015
This document serves as an Oath/Declaration (37 CFR 1.63).	

# **Total Attachments: 4**

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**PATENT** REEL: 035906 FRAME: 0544 503366544

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PATENT REEL: 035906 FRAME: 0545

# 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	COMPARING DATA STORES USING HASH SUMS ON DISPARATE PARALLEL SYSTEMS
As the below	named inventor, I hereby declare that:
This declaration is directed to:	IAT THE ATTACHED SODIICATION OF
	United States application or PCT international application number
The above-ide	entified application was made or authorized to be made by me.
	I 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
invention. If the 37 C.F.R. §3.21	Dirk Anderson ("Assignor"), a citizen of the United State of America iding in Jacksonville, Florida (City, State/Province) have invented the above he following lines are blank, the above application was filed on even date herewith, otherwise, to comply with I for recordal of this assignment, I, an assignor below, hereby authorize the attorneys for Bank of America to g date and application number below after they become known and prior to filing the recordation.
	U.S. Application No, filed
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:
said Assignor, I representative countries forei countries in its entitled under Letters Patent in-parts and ex confidential infrequest the Coi inventions or reinterest. I representation of the confidential infrequest the coinventions or reinterest. I representation of the confidential infrequest the coinventions or reinterest. I representation of the committees, any provisional, div proceedings, significant in the confidence of the countries of	DRE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or ne 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 s, 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 minissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said essulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and essent 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 gn 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:

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 PTO-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 PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

****	TE OF INVENTOR			***************************************
Inventor: Signature:	Dirk Anderson	Date: _	6/25/2015	

# 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	COMPARING DATA STORES USING HASH SUMS ON DISPARATE PARALLEL SYSTEMS
As the below	named inventor, I hereby declare that:
This declaration is directed to:	" '  ∧{   the attached application, of
	United States application or PCT international application number
The above-ide	intified 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.
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
invention. If to 37 C.F.R. §3.2	Haresh Kurani ("Assignor"), a citizen of the United State of America ding in Charlotte, North Carolina (City, State/Province) have invented the above he following lines are blank, the above application was filed on even date herewith, otherwise, to comply with I for recordal of this assignment, I, an assignor below, hereby authorize the attorneys for Bank of America to g date and application number below after they become known and prior to filing the recordation.
	U.S. Application Nofiled
Delaware, and title and inters	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 the said Assignor, in representative countries foreing countries in its entitled under Letters Patent in-parts and exconfidential in request the Colimentions or reinterest. I represent for the particular further nominees, any provisional, disproceedings, si	ORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or ne 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 is, 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 in 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-intensions 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 immissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said essuiting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and essent 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-risional, reissue, reexamination, continuation and continuation-in-part applications, testify in any legal ign all lawful papers, make all rightful paths, and generally do everything reasonable for said Assignee, its items, and nominees. To obtain and enforce proper patent protection for said inventions in all countries.

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Contraction.	
Section 1	Inventor: <u>Haresh Kurani</u> Date: <u>06/02/2015</u>
	Signature:
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