### 06/21/2013 502393616

### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Amy R. Benjamin	06/20/2013
Chris E. McClennen	06/20/2013
Monica G. Santo Domingo	06/21/2013
Jeffrey M. Defresne	06/20/2013
Cynthia R. Sullivan	06/20/2013

### **RECEIVING PARTY DATA**

Name:	Bank of America Corporation
Street Address:	214 N. 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:	13923650

### **CORRESPONDENCE DATA**

Fax Number: 8453626111

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

845 362 6100 Phone:

Email: jweiss@weissarons.com Correspondent Name: Weiss & Arons LLP Address Line 1: 1540 Route 202

Address Line 2: Suite 8

Address Line 4: Pomona, NEW YORK 10970

ATTORNEY DOCKET NUMBER: 104-239

**PATENT REEL: 030660 FRAME: 0769** 

502393616

NAME OF SUBMITTER:	Joel Weiss
Signature:	/Joel Weiss/
Date:	06/21/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 10 source=104-239_Assignments_and_Declara	ations_Filed#page2.tif ations_Filed#page3.tif ations_Filed#page4.tif ations_Filed#page5.tif ations_Filed#page6.tif ations_Filed#page6.tif ations_Filed#page7.tif ations_Filed#page8.tif ations_Filed#page8.tif

PATENT REEL: 030660 FRAME: 0770

Attorney Docket No.: 104-239 PMN: 5550US1

## 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	DATA LINEAGE MANAGEMENT OPERATION PROCEDURES			
As the below	named	inven	tor, I hereby declare that:	
This declarati directed to:	on is		The attached application, or	
			United States application or PCT international application number	
The above-ide	entified	applic	cation was made or authorized to be made by me.	
I believe that	I am th	e origi	nal inventor or an original joint inventor of a claimed invention in the application.	
	_		any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or than five (5) years, or both.	

### **ASSIGNMENT**

WHEREAS, I, Amy R. Benjamin ("Assignor"), a citizen of the United States of America, residing in Charlotte, North Carolina have invented the above invention. If the following lines are blank, the above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an assignor below, hereby authorize the attorneys for Bank of America to insert the filing date and application number below after they become known and prior to filing the recordation.

U.S. Application No. 13/923,650 filed June 21, 2013

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 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.

Attorney Docket No.: 104-239

PMN: 5550US1

### 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.

patent (see 37 CFR 1.14). Checks and credit card authorization for retained in the application file and therefore are not publicly availa	ns PTO-2038	• • •	)t
LEGAL NAME OF INVENTOR			
Inventor_Amy R. Benjamin	Date:	6/20/2013	
Signature:			
	000000000000000000000000000000000000000	***************************************	*****

Attorney Docket No.: 104-239 PMN: 5550UST

## 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	DATA LINEAGE MANAGEMENT OPERATION PROCEDURES			
As the below	namec	Linven	tor, I hereby declare that:	
This declaration directed to:	on is	Ø	The attached application, or	
			United States application or PCT international application numberfiled on	
The above-ide	intified	applic	ration was made or authorized to be made by me.	
I believe that I	am th	e origi	nal inventor or an original joint inventor of a claimed invention in the application.	
I hereby ackno imprisonment	wledg of not	e that more	any willful false statement made in this declaration is punishable under 18 U.S.C., 1001 by fine or than five (5) years, or both.	
	***************************************		ASSIGNMENT	

WHEREAS, I, Chris E. McClennen ("Assignor"), a citizen of the United States of America, residing in Charlotte, North Carolina have invested the above invention. If the following lines are blank, the above application was filled on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, it, an assignor below, hereby authorize the attorneys for Bank of America to insert the filing date and application number below after they become known and prior to filing the recordation.

U.S. Application No. 13/923,650 filed June 21, 2013

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, is said Assignor, by these presents do self, 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. Thereby 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. Frepresent 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.

Attorney Docket No.: 104-239 PMN: 5550US1

### 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.

patent (see 37 CFR 1.14). Checks and credit Card authorization retained in the application file and therefore are not publicly a	, in the second
LEGAL NAME OF INVENTOR	
Inventor_Chris E. McClennen	Date: <u>6/20/20/3</u>
Signature:	

Attorney Docket No.: 104-239

PMN: 5550US1

# 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	DATA LINEAGE MANAGEMENT OPERATION PROCEDURES			
As the below	named	Invent	tor, I hereby declare that:	
This declarati	on is	Z	The attached application, or	
			United States application or PCT international application number	
The above-ide	entified	applic	ration was made or authorized to be made by me.	
I believe that	I am the	e origi	nal inventor or an original joint inventor of a claimed invention in the application.	
			any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or than five (5) years, or both.	
		******	ASSIGNMENT	

WHEREAS, I, Monica G. Santo Domingo ("Assignor"), a citizen of the United States of America, residing in New York, New York have invented the above invention. If the following lines are blank, the above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an assignor below, hereby authorize the attorneys for Bank of America to insert the filing date and application number below after they become known and prior to filing the recordation.

U.S. Application No. 13/923,650 filed June 21, 2013

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 aforesald 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 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.

Attorney Docket No.: 104-239

PMN: 5550US1

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retained in the application file and ther	efore are not publicly av	ailable.	***************************************	************	***************************************	<del></del>
LEGAL NAME OF INVENTOR						
inventor Monica G. Santo Domingo	ndenderver brukrikssig de 3-44 propennyennyen	Date: 🚃	JUNE	-21	2013	<b></b>
Signature: Dome Jak	X-					
	7.		**********		***********	

Attorney Docket No.: 104-239 PMN: 3550US1

# 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	DATA LINEAGE MANAGEMENT OPERATION PROCEDURES			
As the below	named	inven	ntor, I hereby declare that:	
This declaration directed to:	on is	83	The attached application, or	
			United States application or PCT international application number	
The above-ide	ntified	applic	tation was made or authorized to be made by me.	
I believe that I	am th	e origi	nal inventor or an original joint inventor of a claimed invention in the application.	
I hereby ackno imprisonment	wiedge of not	e that more	any willful false statement made in this declaration is punishable under 18 U.S.C. 1901 by fine or	
			ASSIGNIVIENT	

WHEREAS, I. Jeffrey M. Dufresne ("Assignor"), a citizen of the United States of America, residing in Charlotte, North Carolina have invented the above invention. If the following lines are blank, the above application was filled on even date herewith, otherwise, to comply with 37 C.F.R. §3.71 for recordal of this assignment, I, an assignor below, hereby authorize the attorneys for Bank of America to insert the filling date and application number below after they become known and prior to filling the recordation.

U.S. Application No. 13/923, 650 filed June 21, 2013

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, if said Assignor, by these presents do self, 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. Thereby 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 intorest, 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 Assigned, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

Attorney Docket No.: 104-239 PMN: 5550US1

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patent (see 37 CFR 1.14). Checks and credit card authorization retained in the application file and therefore are not publicly	availahle
LEGAL NAME OF INVENTOR	
Inventor <u>leffrey M. Duiresne</u>	Date: 6/20/2013
Signature: 14/16/2008	

Attorney Docket No.: 104-239 PMN: \$550UST

### 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			DATA LINEAGE MANAGEMENT OPERATION PROCEDURES
As the below r	named	invent	tor, Thereby declare that:
This declaration directed to:	on is	$\mathbf{Z}_{i}$	The attached application, or
			United States application or PCT international application number
The above ide	entified	applic	ration was made or authorized to be made by me.
il believe that I	am the	e origi	nal inventor or an original joint inventor of a claimed invention in the application,
· '			any willful faise statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or than five (5) years, or both.
		~~~~~	ASSIGNAFNY

WHEREAS, I. Cynthia R. Sullivan ("Assignor"), a citizen of the United States of America, residing in Suwanea, Georgia have Invented the above invention. If the following lines are brank, the above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment. I, an assignor below, hereby authorize the attorneys for Bank of America to insert the filing date and application number below after they become known and prior to filing the recordation.

U.S. Application No. 13/923,650 filed June 21, 2013

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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 Assigned, 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, findluding 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. Lagree 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 paths, and generally do everything repsonable for said Assignee. Its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

[Page 1 of 2]

Atterney Docket No.: 104-239 PMN: 5550UST

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retained in the application file and therefore are not publicly availa	35 2,
LEGAL NAME OF INVENTOR	
	in the second se
Inventor_Cynthia R. Sullivan	Date: \ \ \( \alpha \) (mr. 20, 2013
Signature: CarAlan A. SiMirke	- V

[Page 2 of 2]