502091317 10/11/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Laura C. Bondesen	10/10/2012
Alicia C. Jones	10/04/2012
David C. McCoy	10/04/2012
Shaun J. Abraham	10/01/2012

RECEIVING PARTY DATA

Name:	Bank of America Corporation
Street Address:	214 North Tryon Street
Internal Address:	NC1-027-20-05
City:	Charlotte
State/Country:	NORTH CAROLINA
Postal Code:	28255

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13649376

CORRESPONDENCE DATA

Fax Number: 2028243001

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

Phone: 312-463-5000

Email: jbodner@bannerwitcoff.com, BWPTOPAT@bannerwitcoff.com

Correspondent Name: BANNER & WITCOFF, LTD ATTORNEYS FOR CLIE

Address Line 1: 10 SOUTH WACKER DR.

Address Line 2: SUITE 3000

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	0571/007131.01174
NAME OF SUBMITTER:	Jessica K. Williams
	PATENT

502091317 REEL: 029111 FRAME: 0948

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This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 8

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PATENT REEL: 029111 FRAME: 0949

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	Proximity-Based Dynamic Vehicle Navigation
As the below	named inventor, I hereby declare that:
This declarati	on X The attached application, or
	United States application or PCT international application number
	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.
I hereby ackr imprisonmer	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or at of not more than five (5) years, or both.
***************************************	ASSIGNMENT
State/Provindate herewit	<u>Laura C. Bondesen</u> ("Assignor"), a citizen of <u>United States</u> (Country), residing in <u>Charlotte, NC</u> (City, ce) have invented the above invention. If the following lines are blank, the above application was filed on even th, 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 prior to filing the recordation.
	U.S. Application No, filed
Delaware, a title and into United State	ANK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of and having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, are also and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the ass of America, and in any and all countries foreign thereto:
payment for said Assignor represental countries for countries in entitled unit Letters Patrial in-parts and confidential request the inventions interest. If without furnominees, provisional	EFORE, 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 or, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal lives, the full and exclusive right, title and interest for the territory of the United States of America and all preign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign its own name and to claim any priority rights for such foreign applications to which such applications are der international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and ent granted therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, it information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and epresent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will ther consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or any and all facts known to me regarding said inventions whenever requested, and that I will execute all non-injurational, reissue, reexamination, continuation and continuation-in-part applications, testify in any legal is, sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its

[Page 1 of 2]

PATENT REEL: 029111 FRAME: 0950

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 is never required by the USPTO, petitioners/applicants should consider redacting such personal information in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information in documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent from the documents before submitting them to the uspectation (unless a non-publication request in application is available to the public after publication) or issuance of a patent. Furthermore, the record from an 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 abandoned application may also be available to the public ard authorization forms PTO-2038 submitted for payment an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment appropries are not retained in the application file and therefore are not publicly available.

purposes are not retained in the application ne and therefore a LEGAL NAME OF INVENTOR	ire not pub	ncy avanable.	,,,,
FERWERALDS			
Inventor: Laura C. Bondesen	Date:	11/10/2012	
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	Proximity-Based Dynamic Vehicle Navigation
As the below	named Inventor, I hereby declare that:
This declaration is directed to:	A The attached application, or
	United States application or PCT international application number filed on
The above-ide	entified application was made or authorized to be made by me.
	am the original inventor or an original joint inventor of a claimed invention in the application.
I hereby acknowledge 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
State/Province date herewith authorize the	Alicia C. Jones ("Assignor"), a citizen of <u>United States</u> (Country), residing in <u>Charlotte, NC</u> (City, a) 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, 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, ast in and to the aforesald 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 tr said Assignor, I representative countries forei, countries in its entitled under Letters Patent, in-parts and ex confidential inf request the Cor inventions or re interest. I repre without further nominees, any provisional, div proceedings, sig	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, it 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 genthereto, 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 assulting 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-lisional, 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 gens, 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.

LEGAL NAME OF INVENTOR	
Inventor: _Alicia C. Jones	Date:/6/4//2
Signature: (1/1)	
"	

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	Proximity-Based Dynamic Vehicle Navigation
As the below	named inventor, I hereby deciare that:
This declaration is directed to:	A 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 belleve that	am the original inventor or an original joint inventor of a claimed invention in the application.
	wledge 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
State/Provinc date herewith authorize the	David C. McCoy ("Assignor"), a citizen of <u>United States</u> (Country), residing in <u>Charlotte, NC</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, filed
Delaware, and title and inter	NK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of the 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:
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 compliations, 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	

[Page 1 of 2]

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LEGAL NAME OF INVENTOR		
Inventor: _David C. McCoy_	Date:	10/4/2012
Signature:		

[Page 2 of 2]

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	PROXIMITY-BASED DYNAMIC VEHICLE NAVIGATION	
As the below	named inventor, I hereby declare that:	
This declaration is directed to:	A The attached application, of	
	United States application or PCT international application number filed on	
The above-ide	ntified 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	
WHEREAS, I, Shaun J. Abraham ("Assignor"), a citizen of US (Country), residing in Wesley Chapel, FL (City, State/Province) 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, filed	
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 confineations 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 fo		

Firm No.: 007131.01174

PMN: 5200US2

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LEGAL NAME OF INVENTOR	
Inventor: Shaun J. Abraham	Date: 10/1/2012
Inventor. Stratum.	Date.
A X	
Signature:	