504706223 12/28/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4752945

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TIMOTHY A. MCGRATH	08/24/2009
MATTHEW G. LINDSAY	09/01/2009

RECEIVING PARTY DATA

Name:	NAVTEQ NORTH AMERICA, LLC	
Street Address:	425 WEST RANDOLPH STREET	
Internal Address:	SUITE 1200	
City:	CHICAGO	
State/Country:	ILLINOIS	
Postal Code:	60606	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15374173

CORRESPONDENCE DATA

Fax Number: (704)444-1111

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: 704-444-1000

Email: usptomail@alston.com **Correspondent Name: ALSTON & BIRD LLP**

Address Line 1: BANK OF AMERICA PLAZA

Address Line 2: 101 SOUTH TRYON STREET, SUITE 4000 Address Line 4: CHARLOTTE, NORTH CAROLINA 28280-4000

ATTORNEY DOCKET NUMBER:	064359/500749	
NAME OF SUBMITTER:	JONATHAN A. THOMAS	
SIGNATURE:	/Jonathan A. Thomas/	
DATE SIGNED:	12/28/2017	

Total Attachments: 5

source=500749 Assignment - Inventors to Navteq#page1.tif source=500749 Assignment - Inventors to Navteq#page2.tif source=500749 Assignment - Inventors to Navteg#page3.tif

PATENT REEL: 044968 FRAME: 0794 504706223

source=500749 Assignment - Inventors to Navteq#page4.tif source=500749 Assignment - Inventors to Navteq#page5.tif

PATENT REEL: 044968 FRAME: 0795

ASSIGNMENT

WHEREAS, Timothy A. McGrath and Matthew G. Lindsay, hereinafter called the "Assignors," have made the invention described in the United States patent application entitled "PROVIDING DRIVING CONDITION ALERTS USING ROAD ATTRIBUTE DATA," for which the DECLARATION FOR PATENT APPLICATION has been executed;

WHEREAS, NAVTEQ North America, LLC, a corporation organized and existing under the laws of the State of DELAWARE, having a place of business at CHICAGO, ILLINOIS, hereinafter called the "Assignee," desires to acquire the entire right, title, and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Hundred Dollars (\$100.00) per Assignor, and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned, and transferred, and by these presents do sell, assign, and transfer to the Assignee, the entire right, title, and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title, and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title, and interest in and to all continuations, divisions, renewals, and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignor and the Assignor's legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or

PATENT REEL: 044997 FRAWE: 0728 any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

no come burgain in our secondaries as answeringing	e altere de la completame de la catalité a danse Managarana.
IN JESTIMONY WHEREOF, I	he Assignors have executed this agreement.
Timothy A. McGrath	DATE
Timothy A. McGrath personally known to me to be the sinstrument, appeared before me this day in person and ac	Renowledged that (s) he signed, sealed and delivered the said and purposes therein set forth. Set my hand and Notarial Seal, this 244 day of the said was a sealed and delivered the said and purposes therein set forth. Read The Sealed and Read Sealed and delivered the said and purposes the said and sealed and delivered the said and sealed and
Matthew G. Lindsay	DATE
STATE OF	for the County and State aforesaid, do hereby certify that
instrument as his/her free and voluntary act for the uses a	knowledged that (s)he signed, sealed and delivered the said
	Notary Public
(SEAL) My Commission Expires:	

ASSIGNMENT

WHEREAS, Timothy A. McGrath and Matthew G. Lindsay, hereinafter called the "Assignors," have made the invention described in the United States patent application entitled "PROVIDING DRIVING CONDITION ALERTS USING ROAD ATTRIBUTE DATA," for which the DECLARATION FOR PATENT APPLICATION has been executed;

WHEREAS, NAVTEQ North America, LLC, a corporation organized and existing under the laws of the State of DELAWARE, having a place of business at CHICAGO, ILLINOIS, hereinafter called the "Assignee," desires to acquire the emire right, title, and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Hundred Dollars (\$100.00) per Assignor, and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned, and transferred, and by these presents do sell, assign, and transfer to the Assignee, the entire right, title, and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title, and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title, and interest in and to all continuations, divisions, renewals, and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignor and the Assignor's legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or

PATENT REEL: 044997 FRANKE:07280 any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

Timothy A. McGrath	DATE
STATE OF ILLINOIS)	
COUNTY OF COOK)	
Timothy A. McGrath personally known to me to be the instrument, appeared before me this day in person and a instrument as his/her free and voluntary act for the uses	and for the County and State aforesaid, do hereby certify that same person whose name is subscribed to the foregoing acknowledged that (s)he signed, sealed and delivered the said and purposes therein set forth. set my hand and Notarial Seal, thisday of
	Notary Public
(SEAL) My Commission Expires:	
Matthew G. Landsay.	11/09 DATE
STATE OF	ATMONSO ACKNONUUSEMONT
Matthew G. Lindsay personally known to me to be the instrument, appeared before me this day in person and instrument as his/her free and voluntary act for the uses	I for the County and State aforesaid, do hereby certify that same person whose name is subscribed to the foregoing acknowledged that (s)he signed, sealed and delivered the said and purposes therein set forth. set my hand and Notarial Seal, thisday of
	Notary Public
(SEAL)	

CALIFORNIA ALL-PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

State of California	
County of SAVTA CLARA	
On <u>09-01-09</u> before me, <u>2-46</u>	MAN, NOWA POUC., (Here insert name and acts of the officer)
personally appeared MATTHEN & LINE	<u>) </u>
	Manuel
the within instrument and acknowledged to me the	lence to be the person(s) whose name(s) is/are subscribed to at he/she/they executed the same in his/her/their authorized on the instrument the person(s), or the entity upon behalf of it.
I certify under PENALTY OF PERJURY under the is true and correct.	e laws of the State of California that the foregoing paragraph
WITNESS my hand and official seal.	S. VEADOS COMBA BLYTSTYY SAFEAC MACCAGN SAFEAC MACCAGN SAFEAC MACCAGN SAFEAC MACCAGN (Notary Seal)
Signature of Notary Public	(Notary Seat)
Δ.	
	mpanamananananananananananananananananan
ADDITIONAL OI	PTIONAL INFORMATION
DESCRIPTION OF THE ATTACHED DOCUMENT A S S いらい へ (こい) (Title or description of attached document)	INSTRUCTIONS FOR COMPLETING THIS FORM Any acknowledgment completed in California must contain verbiage exactly as appears above in the notary section or a separate acknowledgment form must be properly completed and attached to that document. The only exception is if a document is to be revorded outside of California. In such instances, any alternative acknowledgment verbiage as may be printed on such a document so long as the verbiage does not require the matury to do something that is illegal for a natury in California (i.e. certifying the authorized capacity of the signer). Please check the
(Title or description of attached document continued)	document carefully for proper notarial wording and attach this form if required.
Number of Pages 2 Document Date 09-01-07	 State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment. Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the asknowledgment is completed.
(Additional information)	. The notary public must print his or her name as it appears within his or her
	 commission followed by a comma and then your title (notary public). Print the name(s) of document signer(s) who personally appear at the time of notarization.
CAPACITY CLAIMED BY THE SIGNER	 Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. ha/she/they; is /are) or circling the correct forms. Failure to correctly indicate this
F Individual (s)	information may lead to rejection of document recording.
Corporate Officer	 The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression amudges, re-seal if a
(Title)	sufficient area permits, otherwise complete a different acknowledgment form. • Signature of the notary public must match the signature on file with the office of

the county clerk.

Additional information is not required but could help to ensure this acknowledgment is not misused or anached to a different document.

Indicate the capacity claimed by the signer. If the claimed capacity is a

indicate title or type of attached document, number of pages and date.

corporate officer, indicate the title (i.e. CEO, CFO, Secretary).

· Securely attach this document to the signed document

REEL: 023297 FRANTE: 087092

☐ Partner(s)

Trustec(s)

Other____

Attorney-in-Fact