#### 502295663 04/02/2013

### PATENT ASSIGNMENT

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

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Uniloc Luxembourg S. A.	01/02/2013

#### **RECEIVING PARTY DATA**

Name:	NetAuthority, Inc.
Street Address:	201 California Street
Internal Address:	Suite 325
City:	San Francisco
State/Country:	CALIFORNIA
Postal Code:	94111

### PROPERTY NUMBERS Total: 5

Property Type	Number
Application Number:	12792249
Application Number:	12792988
Application Number:	12813358
Application Number:	12813362
Application Number:	12813369

#### **CORRESPONDENCE DATA**

Fax Number:

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

Email: amanda.ivey@unilocusa.com

Correspondent Name: Amanda Ivey

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Address Line 2: Suite 380

Address Line 4: Plano, TEXAS 75024

ATTORNEY DOCKET NUMBER: SC19IM25CI27CI28CI29

**PATENT** 

REEL: 030134 FRAME: 0087

NAME OF SUBMITTER:	Amanda Ivey
Signature:	/Amanda Ivey/
Date:	04/02/2013
Total Attachments: 5 source=03 SC-019_IM-025_CI-027_CI-028_CI-029#page1.tif source=03 SC-019_IM-025_CI-027_CI-028_CI-029#page2.tif source=03 SC-019_IM-025_CI-027_CI-028_CI-029#page3.tif source=03 SC-019_IM-025_CI-027_CI-028_CI-029#page4.tif source=03 SC-019_IM-025_CI-027_CI-028_CI-029#page5.tif	

PATENT REEL: 030134 FRAME: 0088

PATENT ASSIGNMENT	Docket Number NA-NP-SC-019	
WHEREAS, Unifor Luxembourg S.A. (hereinafter "Assignor"), owns the entire right, title and interest in and to the inventions disclosed in the Application(s), and in and to all embodiments of the inventions, heretofore conceived, made or discovered (collectively hereinafter referred to as "Inventions") entitled:		
SYSTEM AND METHOD FOR SECURING AN ELECTRONIC COMMUNICATION	HON	
☐ for which a United States patent application is executed on even date herewith; ☐ for which Application No. 61/219,062 was filed on June 22, 2009 in the United State ☐ for which Application No. was filed on in the U.S. Receiving ☐ for which Application No. 12/792,249 was filed on June 2, 2010 in the United State ☐ for which an application was filed upon which a United States Patent issued on (hereinafter "Application(s)").	to the Fatent Cooperation Fleaty, se Patent Office; and/or as U.S. Patent No	
WHEREAS, NetAuthority, Inc. (hereinafter "Assignce"), is desirous of acquiring the entire owners and to all embodiments of the inventions, heretofore conceived, made or discovered, whether joint and to any and all patents, inventor's certificates and other forms of protection (hereinafter "Patenti countries, or under any international convention, agreement, protocol, or treaty.	(s)") thereon granted in the United States, foreign	
NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said		
1. Said Assignor does hereby setl, assign, transfer and convey unto said Assignee its entire own including the right to claim priority to said Inventions; (b) in and to all rights to all United States at and Patent(s), including those filed under the Paris Convention for the Protection of Industrial Projund to any and all applications filed and any and all Patent(s) granted on said Inventions in the Uniternational convention, agreement, protocol, or treaty, including each and every application filed is a divisional, substitution, continuation, continuation-in-part of any of said Application(s); (d) extensions of any of said Patent(s) and to all causes of action (whether known or unknown or wheten enforcement rights under, or on account of any of the intellectual property sold, assigned, transferr any of the foregoing categories (a) through (d), including, without limitation, all causes of action a and future), (ii) injunctive relief, (iii) any other remedies of any kind for past, current, and future it and other payments.	perty. The Patent Cooperation Treaty, or otherwise; (c) in ited States, in any foreign country, or under any and all Patent(s) granted on any application which in and to each and every reissue, reexamination, or ther currently pending, filed, or otherwise) and other ed and/or conveyed herein, or on account of any item in and other enforcement rights for (i) damages (past, current of ingement; and (iv) all rights to collect royalties, damages	
2. Said Assignor hereby covenants and agrees to comperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by the Assignor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by the parties (a) for perfecting in said Assignee the right, title and interest herein conveyed; (h) for prosecuting any of said applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions.		
<ol> <li>The terms and covenants of this assignment shall inure to the benefit of said Assignee, its sub be binding upon the Assignor, its successors, assigns and other legal representatives.</li> </ol>		
4. Said Assignor hereby warrants and represents that the Assignor has not entered and will not conflict herewith.		
5. Said Assignor hereby requests that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.		
IN WITNESS WHEREOF, said Assignor has executed and delivered this instrument to said Assig	gnee as of the date written below.	
By: Name: Bradley C Davis Title: Director & Luxembourg S.A. Dette: 3.1.13 By: Name: Christophe Title: President a	AGREED TO BY ASSIGNEE;  I Brownfan  and Chief Executive Officer	
Name The Memorita and Date: -2 JAN, 2013		
Title Diffector B, Luxembourg S.A.		

PATENT ASSIGNMENT	Docket Number NA-NP-IM-025	
WHEREAS, Unifor Luxembourg S.A. (hereinafter "Assignor"), owns the entire right, title and interest in and to the inventions disclosed in the Application(s), and in and to all embodiments of the inventions, heretofire conceived, made or discovered (collectively hereinafter referred to as "Inventions") entitled:		
DEVICE AUTHORITY FOR AUTHENTICATING A USER OF AN ON-LINE SERVICE	Œ	
☐ for which a United States patent application is executed on even date herewith;  ☐ for which Application No. 61/219,457 was filed on June 23, 2009 in the United States Patent Office;  ☐ for which Application No. was filed on		
WHEREAS, NetAuthority, Inc. (hereinafter "Assignee"), is desirous of acquiring the entire ownership right, title and interest in and to said Inventions, and in and to all embediments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by the inventor(s) of said Inventions, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter "Patent(s)") thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty.		
NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assign	•	
1. Said Assignor does hereby sell, assign, transfer and convey unto said Assignee its entire ownership right, title and interest (a) in and to said Inventions, including the right to claim priority to said Inventions; (b) in and to all rights to all United States and corresponding non-United States patent applications and Patent(s), including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty, or otherwise, (c) in and to any and all applications filed and any and all Patent(s) granted on said Inventions in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every application filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to each and every reissue, reexamination, or extensions of any of said Patent(s) and to all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of any of the intellectual property sold, assigned, transferred and/or conveyed herein, or on account of any item in any of the foregoing categories (a) through (d), including, without limitation, all causes of action and other enforcement rights to collect royalties, damages and other payments.		
2. Said Assignor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by the Assignor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by the parties (a) for perfecting in said Assignce the right, title and interest herein conveyed; (b) for prosecuting any of said applications covering said inventions; (d) for filing and prosecuting applications covering said inventions; (d) for filing and prosecuting applications covering said inventions; (d) for filing and prosecuting applications and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions.		
<ol> <li>The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors be binding upon the Assignor, its successors, assigns and other legal representatives.</li> </ol>	:	
<ol> <li>Said Assignor hereby warrants and represents that the Assignor has not entered and will not enter in conflict herewith.</li> </ol>	to any assignment, contract, or understanding in	
5. Said Assignor hereby requests that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.		
IN WITNESS WHEREOF, said Assignor has executed and delivered this instrument to said Assignee as	of the date written below.	
m		
Name Settlemelacad Date: -2 JAN, 2013 Unic Director B, Luxembourg S.A.		

PATENT ASSIGNMENT	Docket Number NA-NP-CI-027	
WHEREAS, Unifor Luxembourg S.A. (hereinafter "Assignor"), owns the entire right, title and interest in and to the inventions disclosed in the Application(s), and in and to all embodiments of the inventions, heretofare conceived, made or discovered (collectively hereinafter referred to as "Inventions") entitled:		
SYSTEM AND METHOD FOR EMERGENCY COMMUNICATIONS		
☐ for which a United States patent application is executed on even date herewith; ☐ for which Application No. 61/219,462 was filed on June 23, 2009 in the United States Patent Office; ☐ for which Application No. was filed on June 10, 2010 in the U.S. Receiving Office of the Patent Cooperation Treaty; ☐ for which Application No. 12/813,358 was filed on June 10, 2010 in the United States Patent Office; and/or ☐ for which an application was filed upon which a United States Patent issued on as U.S. Patent No		
WHEREAS, NetAuthority, Inc. (hereinafter "Assignee"), is desirous of acquiring the entire ownership rig and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or se and to any and all patents, inventor's certificates and other forms of protection (hereinafter "Patent(s)") the countries, or under any international convention, agreement, protocol, or treaty.	ereon granted in the United States, fureign	
NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assigned		
1. Said Assignor does hereby sell, assign, transfer and convey unto said Assignoe its entire ownership right, title and interest (a) in and to said Inventions, including the right to claim priority to said Inventions; (b) in and to all rights to all United States and corresponding non-United States patent applications and Patent(s), including those filed under the Paris Convention for the Protection of Industrial Property. The Patent Cooperation Treaty, or otherwise; (c) in and to any and all applications filed and any and all Patent(s) granted on said Inventions in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every application filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation—in-part of any of said Application(s); (d) in and to each and every reissue, reexamination, or extensions of any of said Patent(s) and to all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of any of the intellectual property sold, assigned, transferred and/or conveyed herein, or on account of any item in any of the foregoing categories (a) through (d), including, without limitation, all causes of action and other enforcement rights to collect royalties, damages and other payments.		
2. Said Assignor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by the Assignor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications or other papers, and other assistance all to the extent deemed necessary or desirable by the parties (a) for perfecting in said Assignee the right, title and interest herein conveyed, (b) for prosecuting any of said applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions.		
<ol> <li>The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors be binding upon the Assignor, its successors, assigns and other legal representatives.</li> </ol>		
4. Said Assignor hereby warrants and represents that the Assignor has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.		
5. Said Assignor hereby requests that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.		
IN WITNESS WHEREOF, said Assignor has executed and delivered this instrument to said Assigner as	of the date written below.	
ASSIGNOR:  By. Name: Bradley 9. Dayis Title: Director A Euxembourg S. A. Daje. 7.1/1/2 By:  Name: Christophen Breno Title: President and Chia	Jun	
By:    Same: The Medical of Date: -2 JAN, 2013     Title Director B, Luxembourg S.A.		

PATENT ASSIGNMENT	Docket Number NA-NP-CI-028	
WHEREAS, Unifor Luxembourg 8.A. (hereinafter "Assignor"), owns the entire right, title and interest in and to the inventions disclosed in the Application(s), and in and to all embodiments of the inventions, heretofore conceived, made or discovered (collectively hereinafter referred to as "Inventions") entitled:		
SYSTEM AND METHOD FOR CONTENT BELIVERY		
☐ for which a United States patent application is executed on even date herewith;  ☐ for which Application No. 61/219,469 was filed on June 23, 2009 in the United States Patent Office; ☐ for which Application No. was filed on		
WHEREAS, NetAuthority, Inc. (hereinafter "Assignee"), is desirous of acquiring the entire ownership right and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or stand to any and all patents, inventor's certificates and other forms of protection (hereinafter "Patent(s)") the countries, or under any international convention, agreement, protocol, or treaty.	everally, by the inventoris) of said inventions, and in	
NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assign		
1. Said Assignor does hereby sell, assign, transfer and convey unto said Assignee its entire ownership right, title and interest (a) in and to said Inventions, including the right to claim priority to said Inventions; (b) in and to all rights to all United States and corresponding non-United States patent applications and Patent(s), including those filed under the Paris Convention for the Protection of Industrial Property. The Patent Cooperation Treaty, or otherwise; (c) in and to any and all applications filed and any and all Patent(s) granted on said Inventions in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every application filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to each and every reissue, reexamination, or extensions of any of said Patent(s) and to all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of any of the intellectual property sold, assigned, transferred and/or conveyed herein, or on account of any item in any of the foregoing categories (a) through (d), including, without limitation, all causes of action and other enforcement rights for (i) damages (past, current and future), (ii) impanctive relief, (iii) any other remedies of any kind for past, current, and future infringement; and (iv) all rights to collect royalties, damages and other payments.		
2. Said Assignor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by the Assignor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by the parties (a) for perfecting in said Assignee the right, title and interest herein conveyed, (b) for prosecuting any of said applications covering said inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said inventions and inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions.		
<ol> <li>The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successor be binding upon the Assignor, its successors, assigns and other legal representatives.</li> </ol>		
4. Said Assignor hereby warrants and represents that the Assignor has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.		
5. Said Assignor hereby requests that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.		
IN WITNESS WHEREOF, said Assignor has executed and delivered this instrument to said Assignce as	of the date written below.	
By: Name Brudley Davis Name Christopher Brens	EED TO BY ASSIGNEE:	
By: Name: My Memeleca d Date: -2 JAN 2013		
Name: A Regression Date: — Z JAN ZULI		

PATENT ASSIGNMENT	Docket Number NA-NP-CI-029	
WHEREAS, Unifor Luxembourg S.A. (hereinafter "Assignor"), owns the entire right, title and interest in and to the inventions disclosed in the Application(s), and in and to all embodiments of the inventions, heretofore conceived, made or discovered (collectively hereinafter referred to as "Inventions") emitted:		
SYSTEM AND METHOD FOR COMMUNICATING WITH TRAFFIC SIGNALS AND	TOLL STATIONS	
☐ for which a United States patent application is executed on even date herewith; ☐ for which Application No. 61/219,473 was filed on June 23, 2009 in the United States Patent Office; ☐ for which Application No. was filed on in the U.S. Receiving Office of the Patent Cooperation Treaty; ☐ for which Application No. 12/813,369 was filed on June 10, 2010 in the United States Patent Office; and/or ☐ for which an application was filed upon which a United States Patent issued on, as U.S. Patent No		
WHEREAS, NetAuthority, Inc. (hereinafter "Assignee"), is desirous of acquiring the entire ownership rig and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or se and to any and all patents, inventor's certificates and other forms of protection (hereinafter "Patent(s)") the countries, or under any international convention, agreement, protocol, or treaty.	verally, by the inventor(s) of said Inventions, and in	
NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assigned	or to have been received in full from said Assignee:	
1. Said Assignor does hereby sell, assign, transfer and convey unto said Assignee its entire ownership right, title and interest (a) in and to said Inventions, including the right to claim priority to said Inventions, (b) in and to all rights to all United States and corresponding non-United States patent applications and Patent(s), including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty, or otherwise; (c) in and to any and all applications filed and any and all Patent(s) granted on said Inventions in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every application filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to each and every reissue, reexamination, or extensions of any of said Patent(s) and to all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of any of the intellectual property sold, assigned, transferred and/or conveyed herein, or on account of any item in any of the foregoing categories (a) through (d), including, without limitation, all causes of action and other enforcement rights for (i) damages (past, current and future), (ii) injunctive relief, (iii) any other remedies of any kind for past, current, and future infringement; and (iv) all rights to collect royalities, damages and other payments.		
2. Said Assignor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by the Assignor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by the parties (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications covering aid Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions.		
<ol> <li>The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors be binding upon the Assigner, its successors, assigns and other legal representatives.</li> </ol>	, assigns and other legal representatives, and shall	
4. Said Assignor hereby warrants and represents that the Assignor has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.		
5. Said Assignor hereby requests that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.		
IN WITNESS WHEREOF, said Assignor has executed and delivered this instrument to said Assignee as o	if the date written below.	
By: Name: Bradley C. Agris Title: Director M. auxembourg S. A. Date S. 1. 12  By: Name: Christopher Bronda Title: President and Chief	Jour	
By: Name: Av. House (O.C.) Date: -2 JAN, 2013 Title: Discotof B, Luxembourg S.A.		

PATENT REEL: 030134 FRAME: 0093

**RECORDED: 04/02/2013**