

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2618124

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>JONATHAN D. FRANK</td> <td>11/15/2013</td> </tr> <tr> <td>IAN D. KOVACEVICH</td> <td>11/05/2013</td> </tr> <tr> <td>LAWRENCE OBER</td> <td>11/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	JONATHAN D. FRANK	11/15/2013	IAN D. KOVACEVICH	11/05/2013	LAWRENCE OBER	11/13/2013
Name	Execution Date								
JONATHAN D. FRANK	11/15/2013								
IAN D. KOVACEVICH	11/05/2013								
LAWRENCE OBER	11/13/2013								
RECEIVING PARTY DATA									
Name:	EDISON NATION, LLC								
Street Address:	520 ELLIOT STREET								
Internal Address:	SUITE 200								
City:	CHARLOTTE								
State/Country:	NORTH CAROLINA								
Postal Code:	28202								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13236336</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13236336				
Property Type	Number								
Application Number:	13236336								
CORRESPONDENCE DATA									
Fax Number:	(877)248-5100								
Phone:	(877) 248-5100								
Email:	uspto@ti-law.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	TILLMAN WRIGHT, PLLC								
Address Line 1:	PO BOX 49309								
Address Line 4:	CHARLOTTE, NORTH CAROLINA 28277								
ATTORNEY DOCKET NUMBER:	1706.172.03								
NAME OF SUBMITTER:	DAVID R. HIGGINS								
Signature:	/David R. Higgins/								

OP \$40.00 13236336

Date:

11/18/2013

Total Attachments: 12

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source=1706.172.03 - Assignment (Executed)#page12.tif

ASSIGNMENT OF INVENTION RIGHTS

WHEREAS,

Jonathan D. FRANK
795 Marty Road
Los Gatos, CA 95033
USA

(hereinafter "Assignor") has or may have invented certain new and useful improvements and/or designs (each hereinafter an "Invention"), for a full description of which reference is here made to the following patent properties:

Application No.: 13/099,632
Titled: AUTOMATED VEHICLE AND SYSTEM UTILIZING AN OPTICAL SENSING SYSTEM
Inventors: Jonathan D. FRANK, Ian D. KOVACEVICH, and Lawrence OBER
Filed on: May 3, 2011

Application No.: 13/236,336
Titled: AUTOMATED VEHICLE AND SYSTEM UTILIZING AN OPTICAL SENSING SYSTEM
Inventors: Jonathan D. FRANK, Ian D. KOVACEVICH, and Lawrence OBER
Filed on: September 19, 2011

(hereinafter "Patent Properties");

WHEREAS,

EDISON NATION, LLC
520 Elliot Street, Suite 200
Charlotte, NC 28202
USA

(hereinafter "Assignee") is desirous of acquiring all rights, title, and interests in, to, and under the Inventions and the Patent Properties, and in, to, and under any and all patents that have been or may be obtained for each of the Inventions, together with all rights corresponding thereto;

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has agreed to quitclaim, sell, assign, transfer and convey, and by these presents does hereby quitclaim, sell, assign, transfer and convey, unto Assignee any and all past, present and future right, title, and interest in, to and under:

- The Inventions;
- The right and authorization to file any application for any one or more of the Inventions;
- Any and all applications for patent for any of the Inventions that may be or have been filed in any and all countries, including the Patent Properties;
- Any and all patents that may be or have been obtained for any of the Inventions in any and all countries;

- Any reissue, reexamination, extension, renewal, substitution, conversion, confirmation, division, continuation, nonprovisional, provisional, continuation-in-part and the like of any of the foregoing;
 - Any application claiming priority to any of the foregoing;
 - Any application from which any of the foregoing claims priority; and
 - Any past or present right or cause of action arising with respect to any of the foregoing, including any right to sue for patent infringement, and any copyright in any embodiment of an Invention and any derivative right thereof,
- (hereinafter collectively "Invention Rights").

FURTHERMORE,

Assignor hereby acknowledges that any and all Invention Rights related to any Invention already may have been under obligations of assignment already to Assignee and in fact may have already been assigned to Assignee, and that this "Assignment of Invention Rights" (hereinafter "Assignment") is being duly executed for at least the purposes of public recordation with the USPTO of Assignee's rights, title, and interests in the Invention Rights.

Assignor hereby covenants and agrees, and binds any and all heirs, administrators, legal representatives, nominees, and assigns, to assist and cooperate with Assignee, at Assignee's expense, in the preparation and prosecution of any application included within the Invention Rights and in the prosecution or defense of any interference, opposition, or other proceeding that may arise in connection with any application or patent included within the Invention Rights and, further, to execute and deliver to Assignee any and all petitions, oaths, assignments, or other papers or instruments that may be requested by Assignee in connection herewith.

Effective with respect to each Invention at least as early as the time of conception of each such Invention, Assignor hereby authorizes and empowers Assignee to invoke and claim for any application or patent included within the Invention Rights the benefit of any rights to which Assignor might be entitled under international law or under the laws of any particular country, and to invoke and claim such rights without further written or oral authorization from Assignor.

Assignor hereby consents and agrees that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document that may be required in any particular country for any purpose and, more particularly, in proof of the right of Assignee to claim the aforesaid benefit of the right of priority and the right to file for patent.

Assignor covenants and agrees that this Assignment and all the terms thereof shall inure to the benefit of the successors, assigns, legal representatives, and nominees of Assignee, without further written or oral authorization from Assignor.

Assignor further hereby represents and warrants that Assignor is an original inventor of the Invention; and Assignor has reviewed and understood the contents of the Patent Properties.

Finally, Assignor hereby authorizes and requests the Director of the United States Patent & Trademark Office to issue any patent included within the Invention Rights to Assignee.

This Assignment is governed by and shall be construed in accordance with the laws of North Carolina.

[Signature Pages Follow]

This the 15 day of November, 2013.

Assignor [Signature] (Signature)
Jonathan D. FRANK (Printed Name)

[Signature]
Witness #1 Signature

Evan DeJarnette
Witness #1 Name (print)

3131 Homestead Rd. #4B
Witness #1 Address Line 1

Santa Clara CA 95051
Witness #1 Address Line 2

[Signature]
Witness #2 Signature

Daniel M. Cotton
Witness #2 Name (print)

105 Baga Ln
Witness #2 Address Line 1

Walnut Creek CA 94595
Witness #2 Address Line 2

NOTARY CERTIFICATE FOR ACKNOWLEDGEMENT

State of California
County of Alameda
United States of America

On this 15 day of November, 2013,
I certify that the following person personally appeared before me and acknowledged to me that he or she voluntarily signed the foregoing document for the purpose stated therein and in the capacity indicated:

Jonathan D. Frank (person appearing before notary)

Notary Signature: Marie Headley

Printed Name: Marie Headley

My Commission Expires: 7-30-14

(Notary Seal)



ACCEPTANCE BY ASSIGNEE

Assignee hereby accepts the assignment of the Invention Rights as set forth above.

This the 15th day of NOVEMBER, 2013

EDISON NATION, LLC

(Assignee)

By: [Signature]

(Signature)

GEORGE R. KOCH

(Printed Name)

[Signature]

(Representative Title)

Witness #1 Signature

Michael Cable

Witness #1 Name (print)

10173 Foxhall Dr.

Witness #1 Address Line 1

Charlotte NC 2880

Witness #1 Address Line 2

[Signature]

Witness #2 Signature

Jeff Brownin

Witness #2 Name (print)

14225 King Leidee Dr.

Witness #2 Address Line 1

Charlotte NC 28273

Witness #2 Address Line 2

NOTARY CERTIFICATE FOR ACKNOWLEDGEMENT

State of NORTH CAROLINA

County of MECKLENBURG

United States of America

On this 15th day of NOVEMBER, 2013

I certify that the following person personally appeared before me and acknowledged to me that he or she voluntarily signed the foregoing document for the purpose stated therein and in the capacity indicated:

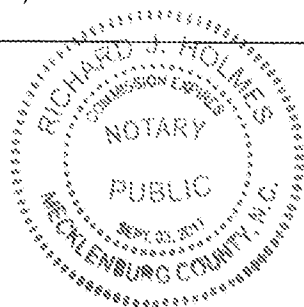
GEORGE R. KOCH (person appearing before notary)

Notary Signature: [Signature]

Printed Name: RICHARD J. HOLMES

My Commission Expires: 9-3-2017

(Notary Seal)



ASSIGNMENT OF INVENTION RIGHTS

WHEREAS,

**Ian D. KOVACEVICH
5089 Ashberry Road
Carlsbad, CA 92008
USA**

(each hereinafter an "Assignor") has or may have invented certain new and useful improvements and/or designs (each hereinafter an "Invention"), for a full description of which reference is here made to the following patent properties:

Application No.: **13/099,632**
Titled: **AUTOMATED VEHICLE AND SYSTEM UTILIZING AN OPTICAL SENSING SYSTEM**
Inventors: **Jonathan D. FRANK, Ian D. KOVACEVICH, and Lawrence OBER**
Filed on: **May 3, 2011**

Application No.: **13/236,336**
Titled: **AUTOMATED VEHICLE AND SYSTEM UTILIZING AN OPTICAL SENSING SYSTEM**
Inventors: **Jonathan D. FRANK, Ian D. KOVACEVICH, and Lawrence OBER**
Filed on: **September 19, 2011**

(hereinafter "Patent Properties");

WHEREAS,

**EDISON NATION, LLC
520 Elliot Street, Suite 200
Charlotte, NC 28202
USA**

(hereinafter "Assignee") is desirous of acquiring all rights, title, and interests in, to, and under the Inventions and the Patent Properties, and in, to, and under any and all patents that have been or may be obtained for each of the Inventions, together with all rights corresponding thereto;

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has agreed to quitclaim, sell, assign, transfer and convey, and by these presents does hereby quitclaim, sell, assign, transfer and convey, unto Assignee, *ab initio*, any and all past, present and future right, title, and interest in, to and under:

- The Inventions;
- The right and authorization to file any application for any one or more of the Inventions;
- Any and all applications for patent for any of the Inventions that may be or have been filed in any and all countries, including the Patent Properties;
- Any and all patents that may be or have been obtained for any of the Inventions in any and all countries;
- Any reissue, reexamination, extension, renewal, substitution, conversion, confirmation, division, continuation, nonprovisional, provisional, continuation-in-part and the like of any of the foregoing;

- Any application claiming priority to any of the foregoing;
- Any application to which any of the foregoing claims priority; and
- Any past or present right or cause of action arising with respect to any of the foregoing, including any right to sue for patent infringement, and any copyright in any embodiment of an Invention and any derivative right thereof,
(hereinafter collectively "Invention Rights").

FURTHERMORE,

Assignor hereby acknowledges that any and all Invention Rights related to any Invention were at least under obligations of assignment to Assignee at the time of conception of the Invention; that any and all Invention Rights related to any Invention already may have been assigned to Assignee, and that this "Assignment of Invention Rights" (hereinafter "Assignment") is being duly executed for at least the purposes of public recordation with the USPTO of Assignee's rights, title, and interests in the Invention Rights.

Assignor hereby covenants and agrees, and binds any and all heirs, administrators, legal representatives, nominees, and assigns, to assist and cooperate with Assignee, at Assignee's expense, in the preparation and prosecution of any application included within the Invention Rights and in the prosecution or defense of any interference, opposition, or other proceeding that may arise in connection with any application or patent included within the Invention Rights and, further, to execute and deliver to Assignee any and all petitions, oaths, assignments, or other papers or instruments that may be requested by Assignee in connection herewith.

Effective with respect to each Invention at least as early as the time of conception of each such Invention, Assignor hereby authorizes and empowers Assignee to invoke and claim for any application or patent included within the Invention Rights the benefit of any rights to which Assignor might be entitled under international law or under the laws of any particular country, and to invoke and claim such rights without further written or oral authorization from Assignor.

Assignor hereby consents and agrees that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document that may be required in any particular country for any purpose and, more particularly, in proof of the right of Assignee to claim the aforesaid benefit of the right of priority and the right to file for patent.

Assignor covenants and agrees that this Assignment and all the terms thereof shall inure to the benefit of the successors, assigns, legal representatives, and nominees of Assignee, without further written or oral authorization from Assignor.

Assignor further hereby represents and warrants that Assignor is an original inventor of the Invention; and Assignor has reviewed and understood the contents of the Patent Properties.

Finally, Assignor hereby authorizes and requests the Director of the United States Patent & Trademark Office to issue any patent included within the Invention Rights to Assignee.

This Assignment is governed by and shall be construed in accordance with the laws of North Carolina.

[Signature Pages Follow]

This is the 5th day of November, 2013.

Assigned by [Signature] (Signature)

Jan D. KOVACEVICH (Printed Name)

[Signature]
Witness #1 Signature

Roger Brown
Witness #1 Name (print)

420 Calhoun Circle
Witness #1 Address Line 1

North Augusta, SC 29860
Witness #1 Address Line 2

[Signature]
Witness #2 Signature

JAMES M. POWELL III
Witness #2 Name (print)

5628 McCallum Ct
Witness #2 Address Line 1

Charlotte, NC 28226
Witness #2 Address Line 2

NOTARY CERTIFICATE FOR ACKNOWLEDGEMENT

State of NORTH CAROLINA

County of MECKLENBURG

United States of America

On this 5th day of NOVEMBER,

I certify that the following person personally appeared before me and acknowledged to me that he or she executed the foregoing instrument for the purpose stated therein and in the capacity indicated.

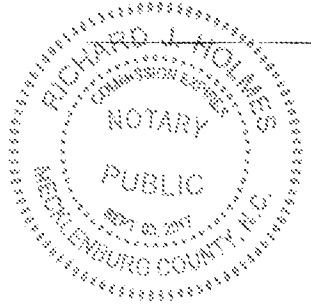
Jan D. Kovacevich (person appearing before notary)

Notary Signature: [Signature]

Printed Name: RICHARD J. HOLMES

My Commission Expires: 9-3-2017

(Notary Seal)



ACCEPTANCE BY ASSIGNEE

Assignee hereby accepts the assignment of the Invention Rights as set forth above.

This the 13th day of NOVEMBER, 2013.

EDISON NATION, LLC

(Assignee)

By:

Geoffrey R. Koch

(Signature)

GEOFFREY R. KOCH

(Printed Name)

VICE PRESIDENT

(Representative Title)

Roger Brown

Witness #1 Signature

James M. Powell III

Witness #2 Signature

Roger Brown

Witness #1 Name (print)

JAMES M. POWELL III

Witness #2 Name (print)

420 Calhoun Circle

Witness #1 Address Line 1

5628 McCallum Court

Witness #2 Address Line 1

North Augusta, SC 29860

Witness #1 Address Line 2

Charlotte, NC 28226

Witness #2 Address Line 2

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State of NORTH CAROLINA

County of MECKLENBURG

United States of America

On this 13th day of NOVEMBER, 2013

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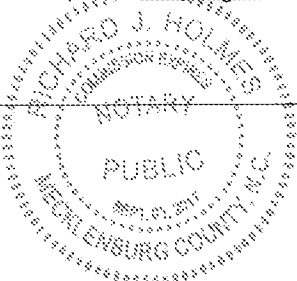
GEOFFREY R. KOCH (person appearing before notary)

Notary Signature: *Richard J. Holmes*

Printed Name: RICHARD J. HOLMES

My Commission Expires: 9-3-2017

(Notary Seal)



ASSIGNMENT OF INVENTION RIGHTS

WHEREAS,

**Lawrence OBER
14544 Limestone Lane
Pineville, NC 28134
USA**

(hereinafter "Assignor") has or may have invented certain new and useful improvements and/or designs (each hereinafter an "Invention"), for a full description of which reference is here made to the following patent properties:

Application No.: **13/099,632**
Titled: **AUTOMATED VEHICLE AND SYSTEM UTILIZING AN OPTICAL SENSING SYSTEM**
Inventors: **Jonathan D. FRANK, Ian D. KOVACEVICH, and Lawrence OBER**
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Charlotte, NC 28202
USA**

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- The Inventions;
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This Assignment is governed by and shall be construed in accordance with the laws of North Carolina.

[Signature Pages Follow]

This the 13th day of NOVEMBER, 2013.

Assignor Lawrence OBER (Signature)

Lawrence OBER (Printed Name)

Roger Brown
Witness #1 Signature

Roger Brown
Witness #1 Name (print)

420 Calbreath Circle
Witness #1 Address Line 1

North Augusta, SC 29860
Witness #1 Address Line 2

James M. Powell III
Witness #2 Signature

James M. Powell III
Witness #2 Name (print)

5628 McCallum Ct
Witness #2 Address Line 1

Charlotte NC. 28226
Witness #2 Address Line 2

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State of NORTH CAROLINA

County of MECKLENBURG

United States of America

On this 13th day of NOVEMBER, 2013

I certify that the following person personally appeared before me and acknowledged to me that he or she voluntarily signed the foregoing document for the purpose stated therein and in the capacity indicated:

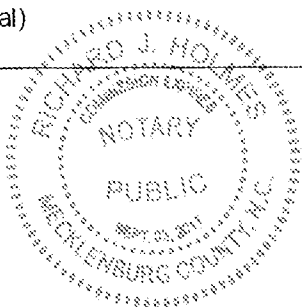
LAWRENCE OBER (person appearing before notary)

Notary Signature: Richard J. Holmes

Printed Name: RICHARD J. HOLMES

My Commission Expires: 9-3-2017

(Notary Seal)



ACCEPTANCE BY ASSIGNEE

Assignee hereby accepts the assignment of the Invention Rights as set forth above.

This the 13th day of NOVEMBER, 2013.

EDISON NATION, LLC

(Assignee)

By: *Geoffrey R. Koch*

(Signature)

GEOFFREY R. KOCH

(Printed Name)

VICE PRESIDENT

(Representative Title)

Roger Brown
Witness #1 Signature

James M. Powell III
Witness #2 Signature

Roger Brown
Witness #1 Name (print)

JAMES M. POWELL III
Witness #2 Name (print)

420 Calhoun Circle
Witness #1 Address Line 1

5628 McCallum CT
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North Augusta, SC 29860
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Charlotte, N.C. 28226
Witness #2 Address Line 2

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State of NORTH CAROLINA

County of MECKLENBURG

United States of America

On this 13th day of NOVEMBER, 2013,

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GEOFFREY R. KOCH (person appearing before notary)

Notary Signature: *Richard J. Holmes*

Printed Name: RECHARD J. HOLMES

My Commission Expires: 9-3-2017

