

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6520709

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN A. MACADAM	06/18/2014
DAVID HOLSTEIN	07/09/2015
THOMAS LYDEN	06/12/2014
SONJA SIMPSON	06/13/2014
SCOTT LUCAS	09/25/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	STATE OF OHIO, DEPARTMENT OF TRANSPORTATION
<b>Street Address:</b>	1980 W. BROAD STREET
<b>City:</b>	COLUMBUS
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	43223
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17160645
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(614)792-5536
<i>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.</i>	
<b>Phone:</b>	6147925555
<b>Email:</b>	standleydocketing@standleyllp.com
<b>Correspondent Name:</b>	STANDLEY LAW GROUP LLP
<b>Address Line 1:</b>	6300 RIVERSIDE DRIVE
<b>Address Line 4:</b>	DUBLIN, OHIO 43017
<b>ATTORNEY DOCKET NUMBER:</b>	OHI1665-003C
<b>NAME OF SUBMITTER:</b>	ADAM J. SMITH
<b>SIGNATURE:</b>	/Adam J. Smith/
<b>DATE SIGNED:</b>	01/28/2021
<b>Total Attachments: 10</b>	
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**COMBINED ASSIGNMENT AND DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

**Title of  
Invention**

ROADWAY MAINTENANCE CONDITION DETECTION AND ANALYSIS

**DECLARATION**

As the below named inventor, I hereby declare that:

This declaration  is directed to: The attached application, or

United States application or PCT international application number  
13/840,978 filed on March 15, 2013.

The above-identified 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 acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

**ASSIGNMENT**

For at least one U.S. dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign and transfer to State of Ohio, Department of Transportation, a State Agency organized under the law of the State of Ohio having an office at 1980 W. Broad Street, Columbus, Ohio, 43223, (hereinafter referred to as the Assignee) my entire right, title and interest, together with all rights of priority, in and to the invention set forth in the above-identified application. I further hereby sell, assign and transfer to the Assignee my entire right, title and interest, together with all rights of priority, in and to my invention as described and/or claimed in any and all applications for patents based on the invention, including divisionals, continuations, renewals, substitutes and reissues thereof, and all rights of priority resulting from any of these patent applications, as well as all foreign counterparts and extensions thereof, together with all patents issuing on any of these applications for the full terms of all of the patents which may be granted on the invention.

I authorize the Assignee to make applications for, to prosecute such applications, and to receive patents for the invention in the United States and any foreign countries, in the Assignee's name.

I promise and agree that I will execute or procure any further necessary assurance of title to the invention and any patents which may issue on the invention. I will, at any time, upon the request and without further consideration, but at the expense of the Assignee, deliver any testimony in any legal proceedings and execute all papers and do all other things that may be necessary or desirable to perfect the title to the invention, or any patents which may be granted therefor, to the Assignee, its successors, assigns, or other legal representatives. I will, at any time, upon the request and at the expense of the Assignee, execute any continuations, divisionals, reissues, or any other additional applications for patents for the invention or any part or parts thereof and any patents issuing thereon are hereby assigned to the Assignee. I will make all rightful oaths, and do all lawful acts required for procuring and enforcing any of the patents, without further compensation, but at the expense of the Assignee, its successors, assigns or other legal representatives.

I authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the

United States for the invention, resulting from any of the aforesaid applications to the Assignee.

**LEGAL NAME OF INVENTOR**

Inventor: John A. MacAdam

Signature: [Signature]

Date: 6/18/14

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional form for each additional inventor.

Advice from Standley Law Group LLP: It is advisable to obtain two witness signatures to the above inventor signature in the places indicated below, OR in the alternative, it is advisable to obtain a notarization of the above inventor signature in the notary section set forth below. With or without the witness signatures or the notarization, this assignment is a legally binding agreement to assign the invention to the assignee.

Optional (but advisable) witness signatures:

Witness One

Printed Full Legal Name: Thomas P. [Signature]

Signature: [Signature]

Date: 6/18/14

Witness Two

Printed Full Legal Name: Jodi M. Elsass-Locker

Signature: [Signature]

Date: 6/18/14

Or, optional (but advisable) notarization:

STATE OF \_\_\_\_\_ :  
COUNTY OF \_\_\_\_\_ : SS.

Before me personally appeared \_\_\_\_\_, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth. Sworn to before me and subscribed in my presence this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

(seal)

\_\_\_\_\_  
Notary Public

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I promise and agree that I will execute or procure any further necessary assurance of title to the invention and any patents which may issue on the invention. I will, at any time, upon the request and without further consideration, but at the expense of the Assignee, deliver any testimony in any legal proceedings and execute all papers and do all other things that may be necessary or desirable to perfect the title to the invention, or any patents which may be granted therefor, to the Assignee, its successors, assigns, or other legal representatives. I will, at any time, upon the request and at the expense of the Assignee, execute any continuations, divisionals, reissues, or any other additional applications for patents for the invention or any part or parts thereof and any patents issuing thereon are hereby assigned to the Assignee. I will make all rightful oaths, and do all lawful acts required for procuring and enforcing any of the patents, without further compensation, but at the expense of the Assignee, its successors, assigns or other legal representatives.

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**PATENT**

**REEL: 055060 FRAME: 0726**

United States for the invention, resulting from any of the aforesaid applications to the Assignee.

**LEGAL NAME OF INVENTOR**

Inventor: David Holstein

Signature: *David Holstein*

Date: 7/9/15

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional form for each additional inventor.

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Optional (but advisable) witness signatures:

Witness One

Printed Full Legal Name: Thomas P. Bennett

Signature: *Thomas P. Bennett*

Date: 7/9/15

Witness Two

Printed Full Legal Name: John M. Elsas-Locker

Signature: *John M. Elsas-Locker*

Date: 7/9/15

Or, optional (but advisable) notarization:

STATE OF \_\_\_\_\_ :  
COUNTY OF \_\_\_\_\_ : SS.

Before me personally appeared \_\_\_\_\_, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth. Sworn to before me and subscribed in my presence this \_\_\_\_\_ day of \_\_\_\_\_.

(seal)

\_\_\_\_\_  
Notary Public

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United States for the invention, resulting from any of the aforesaid applications to the Assignee.

**LEGAL NAME OF INVENTOR**

Inventor: Thomas Lyden

Signature: [Handwritten Signature]

Date: 6/12/14

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Optional (but advisable) witness signatures:

Witness One

Printed Full Legal Name: Thomas P. Rannett

Signature: [Handwritten Signature]

Date: 6/12/14

Witness Two

Printed Full Legal Name: Jodi M. Elsass-Locker

Signature: [Handwritten Signature]

Date: 6/12/14

Or, optional (but advisable) notarization:

STATE OF \_\_\_\_\_ :  
COUNTY OF \_\_\_\_\_ : SS.

Before me personally appeared \_\_\_\_\_, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth. Sworn to before me and subscribed in my presence this \_\_\_\_\_ day of \_\_\_\_\_.

(seal)

\_\_\_\_\_  
Notary Public



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**LEGAL NAME OF INVENTOR**

Inventor: Sonja Simpson

Signature: *Sonja Simpson*

Date: 6/13/14

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Optional (but advisable) witness signatures:

Witness One

Printed Full Legal Name: Thomas Patrick Pennett

Signature: *Thomas Patrick Pennett*

Date: 6/13/14

Witness Two

Printed Full Legal Name: Jodi M. Elsass-Locker

Signature: *Jodi M. Elsass-Locker*

Date: 6/13/14

Or, optional (but advisable) notarization:

STATE OF \_\_\_\_\_ :  
COUNTY OF \_\_\_\_\_ : SS.

Before me personally appeared \_\_\_\_\_, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth. Sworn to before me and subscribed in my presence this \_\_\_\_\_ day of \_\_\_\_\_.

(seal)

\_\_\_\_\_  
Notary Public

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United States for the invention, resulting from any of the aforesaid applications to the Assignee.

**LEGAL NAME OF INVENTOR**

Inventor: Scott Lucas  
Signature: [Signature] Date: 9/25/14

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Optional (but advisable) witness signatures:

Witness One  
Printed Full Legal Name: Thomas Patrick Penick  
Signature: [Signature]  
Date: 9/25/14

Witness Two  
Printed Full Legal Name: Jodi M Gass-Laker  
Signature: [Signature]  
Date: 9/25/14

Or, optional (but advisable) notarization:

STATE OF \_\_\_\_\_ :  
COUNTY OF \_\_\_\_\_ : SS.

Before me personally appeared \_\_\_\_\_, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth. Sworn to before me and subscribed in my presence this \_\_\_\_\_ day of \_\_\_\_\_.

(seal) \_\_\_\_\_  
Notary Public