

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3031461

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
AJITH KUTTAIINNAIR KUMAR		09/22/2014
RECEIVING PARTY DATA		
Name:	GENERAL ELECTRIC COMPANY	
Street Address:	1 RIVER ROAD	
City:	SCHENECTADY	
State/Country:	NEW YORK	
Postal Code:	12345	
PROPERTY NUMBERS Total: 2		
Property Type	Number	
Application Number:	14489118	
Application Number:	61879183	
CORRESPONDENCE DATA		
Fax Number:		
<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>		
Phone:	203-944-6710	
Email:	gpo.mail@ge.com	
Correspondent Name:	GE GPO- TRANSPORTATION- THE SMALL PATENT	
Address Line 1:	PO BOX 861	
Address Line 2:	2 CORPORATE DRIVE, SUITE 648	
Address Line 4:	SHELTON, CONNECTICUT 06484	
ATTORNEY DOCKET NUMBER:	262358-2	
NAME OF SUBMITTER:	JOHN A. KRAMER	
SIGNATURE:	/John A. Kramer/	
DATE SIGNED:	09/22/2014	
Total Attachments: 10		
source=262358_2_US_Declaration_Assignment_Kumar#page1.tif		
source=262358_2_US_Declaration_Assignment_Kumar#page2.tif		
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source=262358_2_US_Declaration_Assignment_Kumar#page4.tif		
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source=262358_2_US_Declaration_Assignment_Kumar#page9.tif
source=262358_2_US_Declaration_Assignment_Kumar#page10.tif

**COMBINED DECLARATION AND GLOBAL ASSIGNMENT
FOR UTILITY OR DESIGN PATENT APPLICATION**

As the below named inventor(s), I/we hereby declare that:

This declaration and assignment are directed to:

SYSTEM AND METHOD FOR IDENTIFYING DAMAGED SECTIONS OF A ROUTE

- ☐ the specification of which is attached hereto OR
- ☒ United States application or PCT international application number
14/489,118 filed on 17 September 2014, as
amended on [date] (if applicable).
(We hereby authorize and request the Company or its delegated attorneys or agents to
insert above the application number and filing date of the application when known.)

The above-identified application was made or authorized to be made by us.

We believe that we are original joint inventors of a claimed invention in the application.

We hereby acknowledge that any willful false statement made in this declaration is punishable
under 18 USC § 1001 by fine or imprisonment of not more than five (5) years, or both.

We have reviewed and understand the contents of the above-identified application,
including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this
application as defined in 37 CFR § 1.56, including, for continuation-in-part applications, material
information which became available between the filing date of the prior application and the filing
date of the continuation-in-part application.

In accordance with our obligation(s) under an Employee Innovation and Proprietary Information
Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the
Services Agreement between General Electric Company, a New York corporation, and our
employers), and/or for other good and valuable consideration of which we acknowledge receipt,
I/we,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Jared	Klineman	Cooper	of	Melbourne	FL	US
John	Charles	Hounsshell, II	of	Melbourne	FL	US
Nick	David	Nagrodsky	of	Melbourne	FL	US
Aaron	Richard	Mitti	of	Atlanta	GA	US
Ajith	Kuttannair	Kumar	of	Erie	PA	US
David	Michael	Peltz	of	Melbourne	FL	US
Brian	D.	Lawry	of	Erie	PA	US
Joseph	Forrest	Noffsinger	of	Grain Valley	MO	US

hereby sells and assigns to:

Name of Company: <i>General Electric Company</i>
Entity Type (optional): <i>New York corporation</i>
Address: <i>1 River Road, Schenectady, New York 12345 USA</i>

herein referred to as "Company", its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements made or conceived by us described in the application(s) listed above and in the following table:

Country of Filing	Type of Filing	Application Number	Filing Date	Title
US	Provisional	61/879,183	September 18, 2013	SYSTEM AND METHOD FOR IDENTIFYING DAMAGED SECTIONS OF A ROUTE

(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application(s) when known.)

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, continuations-in-part, reexaminations, renewals, and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request any official whose duty it is to issue patents, to issue any patent on the inventions and improvements resulting therefrom to the Company, or its successors or assigns, and agree that on request and without further consideration, we will communicate to the Company or its representatives or nominees any facts known to us respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

Remuneration claims of the inventor(s)/assignor(s) potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

INVENTOR 1

Signature: _____
Jared Klineman Cooper

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Jared Klineman Cooper

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Jared Klineman Cooper**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

INVENTOR 2

Signature: _____
John Charles Hounscheil, II

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

John Charles Hounscheil, II

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **John Charles Hounscheil, II**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal/

(Notary Public)

INVENTOR 3

Signature: _____
Nick David Nagrodsky

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Nick David Nagrodsky

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Nick David Nagrodsky**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

INVENTOR 4

Signature: _____

Aaron Mitti

Date: _____

Witnessed by: _____

Signature

Date: _____

Printed Name of Witness

Witnessed by: _____

Signature

Date: _____

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Aaron Mitti

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Aaron Mitti**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

INVENTOR 5

Signature: Ajith Kuttannair Kumar
Ajith Kuttannair Kumar

Date: Sept 22, 2014

Witnessed by: Roland Donatowski
Signature

Date: 9/22/2014

Roland Donatowski
Printed Name of Witness

Witnessed by: Matthew Newberg
Signature

Date: 9/22/2014

Matthew Newberg
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Ajith Kuttannair Kumar

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named
Ajith Kuttannair Kumar, to me personally known as the individual who executed the foregoing
assignment, who acknowledged to me that he/she executed the same of his/her own free will for
the purposes therein set forth.

Seal

(Notary Public)

INVENTOR 6

Signature: _____
David Michael Peltz

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

David Michael Peltz

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **David Michael Peltz**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

INVENTOR 8

Signature: _____
Joseph Forrest Noffsinger

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Joseph Forrest Noffsinger

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Joseph Forrest Noffsinger**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)