# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2990087

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
JARED KLINEMAN COOPER	01/02/2014
JOSEPH FORREST NOFFSINGER	01/07/2014
AJITH KUTTANNAIR KUMAR	01/17/2014
MASON SAMUELS	01/14/2014
PAUL HOUPT	01/15/2014
JOEL KICKBUSCH	01/26/2014
MAHIR TELATAR	01/07/2014
DAVID ELDREDGE	01/16/2014
MITCHELL SCOTT WILLS	01/13/2014
RAMU CHANDRA	01/15/2014

### **RECEIVING PARTY DATA**

Name:	GENERAL ELECTRIC COMPANY	
Street Address:	1 RIVER ROAD	
City:	SCHENECTADY	
State/Country:	NEW YORK	
Postal Code:	12345	

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14158024

## **CORRESPONDENCE DATA**

**Fax Number:** (203)944-6712

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:** 203-944-6710

Email: Claire.Murray@ge.com

Correspondent Name: GE GLOBAL PATENT OPERATION
Address Line 1: 2 CORPORATE DRIVE, SUITE 648
Address Line 4: SHELTON, CONNECTICUT 06484

ATTORNEY DOCKET NUMBER: 251245A\_1

NAME OF SUBMITTER: JOHN A. KRAMER

502943489 REEL: 033576 FRAME: 0384

<del>- PATENT -</del>

SIGNATURE:	/John A. Kramer/	
DATE SIGNED:	08/20/2014	
Total Attachments: 13		
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PATENT REEL: 033576 FRAME: 0385

# 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:

### TRANSPORTATION NETWORK SCHEDULING SYSTEM AND METHOD

	the specification of which is attached hereto OR
X	United States application or PCT international application number
	14/158024 filed on fas, as, 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
Joseph	Forrest	Noffsinger	of	Lee's Summit	MO	US
Ajith	Kuttannair	Kumar	of	Erie	PA	US
Mason		Samuels	of	Melbourne	FL	US
Paul		Houpt	of	Niskayuna	NY	US
Joel		Kickbusch	of	Melbourne	FL	US
Mahir		Telatar	of	Melbourne	FL	US

David		Eldredge	of	Melbourne	FL	US
Mitchell	Scott	Wills	of	Melbourne	H	US
Ramu		Chandra	of	Niskayuna	NY	US

hereby sell and assign to:

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

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	Utility	13/311,759 06- Transport		Transportation
Technology	PARAMETER		December-	Network Scheduling
			2011	System And Method
US	Utility	13/311,807	06-	Transportation
			December-	Network Scheduling
			2011	System And Method

(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 SIL	39995999999999999999999999999999999999
STATE OF Florida ss.  COUNTY OF Brevard.  This 2 day of Engage 2014	before me personally came the above-named nally known as the individual who executed the me that he/she executed the same of his/her own

INVENTOR 2	
Signature: JOSEPH FORREST NOFFSINGE	Date:R
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: 7 January 2014
STATE OF MISSOURI SS.	
This day of	ery  010  010  010  010  010  010  010  0
Seal Wha & Mober	(Notary Public)
OEBRA L. MOBERG  Notary Public-Notary Seal  State of Missouri, Jackson County  Commission # 10432106  My Commission France, but 10, 2014	

INVENTOR 3		
Signature: Authorith naintuma Date: 1/17/2014  AJITH KUTTANNAIR KUMAR		
Witnessed by: Talk Talk Date: 1/17/2014  PAUL R BACHMAIER		
Printed Name of Witness		
Witnessed by: Date: 1/17/2019 Signature		
PRASAD KULKARAI Printed Name of Witness		
SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY		
Date:		
AJITH KUTTANNAIR KUMAR		
STATE OF  ss.  COUNTY OF		
This day of, 2013 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 4		
Signature: MASON SAMUELS	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		
Maon Donnels	Date: 1/14/14	
MASON SAMUELS		
STATE OF Floride ss.		
This // day of Jana, 26 MASON SAMUELS, to me personally known assignment, who acknowledged to me that he the purposes therein set forth.  Notary Public State of Florids Celeste A. Nugent-Williams My Commission FE 045813	bits before me personally came the above-named with as the individual who executed the foregoing e/she executed the same of his/her own free will foregoing the same of his/her own free will be same of his/her own free wi	

INVENTOR 5	
Signature: Caul Hough PAUL HOUPT	Date: 1/15/2014
Witnessed by: Kathus J. Webc. Signature	Date:
Katherine J. Weber Printed Name of Witness	, , ,
Witnessed by: Mauric Color Signature	Date: 1/15/2014
Mathew C Nielsen Printed Name of Witness	
300000000000000000000000000000000000000	
SECTION BELOW IS FOR USE ONLY IF SIGNI	NG IN PRESENCE OF A NOTARY
Da	te:
PAUL HOUPT	
STATE OF	
COUNTY OF	
This day of, 2013 b PAUL HOUPT, to me personally known as the indiv who acknowledged to me that he/she executed the therein set forth.	efore me personally came the above-named vidual who executed the foregoing assignment same of his/her own free will for the purposes
Seal	
	(Notary Public)

INVENTOR 6	
Signature: Joel V. Rullus L	Date: 26 JAN 2014
Witnessed by: Signature	Date:
Printed Name of Witness	-
Witnessed by:Signature	Date:
Printed Name of Witness  SECTION BELOW IS FOR USE ONLY IF SIG	SNING IN PRESENCE OF A NOTARY
WANGARE TO THE PROPERTY OF THE	Date:
JOEL KICKBUSCH	
STATE OF	
COUNTY OF	
JOEL KICKBUSCH, to me personally known	3 before me personally came the above-named as the individual who executed the foregoing she executed the same of his/her own free will fo
Seal	
	(Notary Public)

INVENTOR 7	
Signature:MAHIR TELATAR	Date:
Witnessed by:Signature	Date:
Printed Name of Witness	MARKE.
Witnessed by:Signature	Date:
Printed Name of Witness  SECTION BELOW IS FOR USE ONLY IF SI	
Munitulus.	Date: 1/7/2014
MAHIR TELATAR	• • •
STATE OF Floride ss.	
assignment, who acknowledged to me that he the purposes therein set forth.  NEAP Public State of Florida Celeste A. Nugent-Williams My Commission FF 9458+3	HS-before me personally came the above-named as the individual who executed the foregoing she executed the same of his/her own free will foregoing (Notary Public)
Expires 10/18/2017	//

INVENTOR 8	
Signature: DAVID ELDREDGE	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
2.25	Date: 1/16/14
DAVID ELDREDGE	
STATE OF Florida ss.	
This day of January 2  DAVID ELDREDGE, to me personally known assignment, who acknowledged to me that if the purposes therein, set forth.  Notary Public State of Florida Celeste A. Nugent-Williams  My Commission FF 045813  Explore 10/18/2017	before me personally came the above-named own as the individual who executed the foregoing he/she executed the same of his/her own free will for
	(//

INVENTOR 9		
Signature: MITCHELL SCOTT WILLS	Date:	
Witnessed by:Signature	Date:	
Printed Name of Witness		
Witnessed by:Signature	Date:	
Printed Name of Witness		
SECTION BELOW IS FOR USE ONLY IF SIG	ONING IN PRESENCE OF A NOTARY	
Mitchell Just Will	Date: 1/13/2019	
MITCHELL SCOTT WILLS		
STATE OF Florida ss.		
This 3 day of 2013 before me personally came the above-named MITCHELL SCOTT WILLS, 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.  Notary Public State of Florida Celeste A. Nugent-Williams My Commission FF 045813 Expires 10/18/2017 (Notary Public)		

INVENTOR 10		
Signature: Ramu Chondra RAMU CHANDRA	Date: 01/15/14	
Witnessed by: Kullas Sehgal Signature	Date:01/15/14	
HULLAS SEHGAL 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		
Date:		
RAMU CHANDRA		
STATE OF ss.		
RAMU CHANDRA, to me personally known	3 before me personally came the above-named as the individual who executed the foregoing she executed the same of his/her own free will for	
Seal		
	(Notary Public)	