

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4476800

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHAEL CLAY SCHOLTEN	06/23/2017
DANIEL JAMES PRINCE	06/23/2017
RICHARD JOHN REIFFER JR.	06/23/2017
ROBERT ALAN MENEGHINI JR.	06/23/2017
RECEIVING PARTY DATA	
Name:	GE AVIATION SYSTEMS LLC
Street Address:	3290 PATTERSON AVE., SE
City:	GRAND RAPIDS
State/Country:	MICHIGAN
Postal Code:	49512
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15632488
CORRESPONDENCE DATA	
Fax Number:	(203)373-7153
<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:	203-366-7473
Email:	gpo.mail@ge.com,gpodckt.mail@ge.com,tsomers@dority-manning.com
Correspondent Name:	GENERAL ELECTRIC COMPANY GLOBAL PATENT O
Address Line 1:	901 MAIN AVENUE
Address Line 2:	3RD FLOOR
Address Line 4:	NORWALK, CONNECTICUT 06851
ATTORNEY DOCKET NUMBER:	314506-2/GEAS-64
NAME OF SUBMITTER:	J. PARKS WORKMAN
SIGNATURE:	/j. parks workman 60,382/
DATE SIGNED:	06/26/2017
Total Attachments: 6	
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PATENT

REEL: 042810 FRAME: 0046

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:

**KEY MANAGEMENT FOR WIRELESS COMMUNICATION SYSTEM FOR
COMMUNICATING ENGINE DATA**

- ☐ the specification of which is attached hereto OR
- ☒ United States application or PCT international application number
15/632,488 filed on June 26, 2017, 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
Michael	Clay	Scholten	of	Grand Rapids	Michigan	USA
Daniel	James	Prince	of	Grand Rapids	Michigan	USA
Richard	John	Reiffer, Jr.	of	Middleville	Michigan	USA
Robert	Alan	Meneghini, Jr.	of	Lowell	Michigan	USA

hereby sell and assign to:

Name of Company: <i>GE Aviation Systems LLC</i>
Entity Type (optional):
Address: <i>3290 Patterson Ave., SE, Grand Rapids, MI 49512</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:

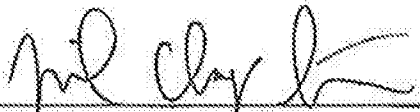
Country of Filing	Type of Filing	Application Number	Filing Date	Title
US	Provisional	62/356,633	06/30/2016	KEY MANAGEMENT FOR WIRELESS COMMUNICATION SYSTEM FOR COMMUNICATING ENGINE DATA

(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.)

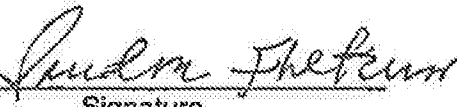
and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, continuations-in-part, reexaminations, renewals, and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request 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: 
Michael Clay Scholten

Date: 6/23/17

Witnessed by: 
Signature

Date: 6/23/17

Sandra Fletcher
Printed Name of Witness

Witnessed by: 
Signature

Date: 6-23-2017

Michael J. Desser
Printed Name of Witness

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

Michael Clay Scholten

Date: _____

STATE OF _____

ss. _____

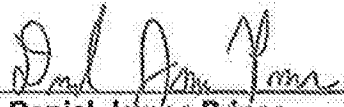
COUNTY OF _____

This _____ day of _____, _____ before me personally came the above-named Michael Clay Scholten, 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

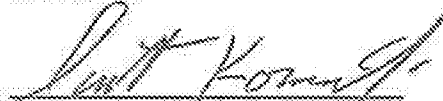
Signature: 
Daniel James Prince

Date: 6-23-17

Witnessed by: 
Signature

Date: 6/23/2017

Phillip Storm
Printed Name of Witness

Witnessed by: 
Signature

Date: 6/23/17

SCOTT KONWINSKI
Printed Name of Witness

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

Daniel James Prince

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Daniel James Prince, 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: *Richard John Reiffer, Jr.*
Richard John Reiffer, Jr.

Date: 6-23-17

Witnessed by: *Michael J. Desseau*
Signature

Date: 6-23-2017

Michael J. Desseau
Printed Name of Witness

Witnessed by: *Thomas J. Helzer*
Signature

Date: 6/23/17

THOMAS J. HELZER
Printed Name of Witness

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

Richard John Reiffer, Jr.

Date: _____

STATE OF

SS.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Richard John Reiffer, Jr., 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: 
Robert Alan Meneghini, Jr.

Date: 6/23/17

Witnessed by: 
Signature

Date: 6/23/17

Sandra Fletcher
Printed Name of Witness

Witnessed by: 
Signature

Date: 6-23-2017

Michael J. Dorsey
Printed Name of Witness

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

Robert Alan Meneghini, Jr.
STATE OF _____
COUNTY OF _____

Date: _____

ss.

This _____ day of _____, _____ before me personally came the above-named Robert Alan Meneghini, Jr., 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)