

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2736887

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>HAO HUANG</td> <td>02/11/2014</td> </tr> <tr> <td>RYAN LEE BUFFENBARGER</td> <td>02/11/2014</td> </tr> <tr> <td>CHAD JOSEPH BROWN</td> <td>02/11/2014</td> </tr> </tbody> </table>		Name	Execution Date	HAO HUANG	02/11/2014	RYAN LEE BUFFENBARGER	02/11/2014	CHAD JOSEPH BROWN	02/11/2014		
Name	Execution Date										
HAO HUANG	02/11/2014										
RYAN LEE BUFFENBARGER	02/11/2014										
CHAD JOSEPH BROWN	02/11/2014										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>GE AVIATION SYSTEMS LLC</td> </tr> <tr> <td>Street Address:</td> <td>3290 PATTERSON AVENUE</td> </tr> <tr> <td>City:</td> <td>GRAND RAPIDS</td> </tr> <tr> <td>State/Country:</td> <td>MICHIGAN</td> </tr> <tr> <td>Postal Code:</td> <td>49512</td> </tr> </table>		Name:	GE AVIATION SYSTEMS LLC	Street Address:	3290 PATTERSON AVENUE	City:	GRAND RAPIDS	State/Country:	MICHIGAN	Postal Code:	49512
Name:	GE AVIATION SYSTEMS LLC										
Street Address:	3290 PATTERSON AVENUE										
City:	GRAND RAPIDS										
State/Country:	MICHIGAN										
Postal Code:	49512										
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>14180830</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14180830						
Property Type	Number										
Application Number:	14180830										
CORRESPONDENCE DATA											
Fax Number:	(616)742-1010										
Phone:	616-742-3500										
Email:	patents@mcgarrybair.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	MCGARRY BAIR PC										
Address Line 1:	32 MARKET AVENUE, SW										
Address Line 2:	SUITE 500										
Address Line 4:	GRAND RAPIDS, MICHIGAN 49503										
ATTORNEY DOCKET NUMBER:	272458/71966-0272										
NAME OF SUBMITTER:	MARK A. DAVIS										
Signature:	/Mark A. Davis/										

Date:

02/21/2014

**Total Attachments: 5**

source=G0837709#page1.tif

source=G0837709#page2.tif

source=G0837709#page3.tif

source=G0837709#page4.tif

source=G0837709#page5.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:

**CURRENT-SENSING ASSEMBLY**

- ☒ the specification of which is attached hereto OR  
☐ United States application or PCT international application number \_\_\_\_\_, as  
\_\_\_\_\_ filed on \_\_\_\_\_, 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 GE Aviation Systems LLC, a Delaware limited liability company,  
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
Hao		Huang	of	Troy	OH	US
Ryan	Lee	Buffenbarger	of	New Carlisle	OH	US
Chad	Joseph	Brown	of	Kettering	OH	US

Name of Company: <b>GE Aviation Systems LLC</b>
Entity Type (optional): <b>a Delaware limited liability company</b>
Address: <b>3290 Patterson Avenue, Grand Rapids, Michigan, 49512, USA</b>

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

(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: \_\_\_\_\_  
Hao Huang

Date: 2/11/2014

Witnessed by: \_\_\_\_\_  
Signature

Date: 2-11-14

Robyn Martindale  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: 2-11-14

Sara Blumenthal  
Printed Name of Witness

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

Date: \_\_\_\_\_

Hao Huang

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Hao Huang, 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: Ryan Lee Buffenbarger  
Ryan Lee Buffenbarger

Date: 2/11/14

Witnessed by: Robyn Martindale  
Signature

Date: 2-11-14

Robyn Martindale  
Printed Name of Witness

Witnessed by: Sara Blumenthal  
Signature

Date: 2-11-14

Sara Blumenthal  
Printed Name of Witness

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

\_\_\_\_\_  
Date: \_\_\_\_\_

Ryan Lee Buffenbarger

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Ryan Lee Buffenbarger, 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: Chad Joseph Brown  
Chad Joseph Brown

Date: 2/11/2014

Witnessed by: Robyn Martindale  
Signature

Date: 2/11/14

Robyn Martindale  
Printed Name of Witness

Witnessed by: SARA Blumenthal  
Signature

Date: 2/11/14

SARA Blumenthal  
Printed Name of Witness

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

\_\_\_\_\_  
Date: \_\_\_\_\_

Chad Joseph Brown

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Chad Joseph Brown, 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)