505445765 04/25/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETER ROY PAYNE	04/19/2018
JOHN HOUGHTON	04/19/2018
ROBERT HENRY KEITH MILES BULLOCK	04/19/2018

RECEIVING PARTY DATA

Name: GE AVIATION SYSTEMS LIMITED	
Street Address: CHELTENHAM ROAD, BISHOPS CLEEVE, CHELTENHAM	
City: GLOUCESTERSHIRE	
State/Country:	UNITED KINGDOM
Postal Code:	GL52 8SF

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16394347

CORRESPONDENCE DATA

Fax Number: (616)742-1010

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: 6167423500

Email: patents@mcgarrybair.com

MCGARRY BAIR PC / GENERAL ELECTRIC COMPA **Correspondent Name:**

Address Line 1: 45 OTTAWA AVE. SW, SUITE 700 Address Line 4: GRAND RAPIDS, MICHIGAN 49503

ATTORNEY DOCKET NUMBER:	324113-US-2/71966-0993	
NAME OF SUBMITTER:	PATRICK J. BURNS	
SIGNATURE:	/Patrick J Burns/	
DATE SIGNED:	04/25/2019	

Total Attachments: 5

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PATENT REEL: 048996 FRAME: 0128

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:

	LENO CHOOMING CONTINUION AND MEETINGS OF CITED THE
	the specification of which is attached hereto OR
\square	United States application or PCT international application number 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.)

ZEDO COOCCINO CONTACTOD AND METUOD OF ODERATING

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 Limited, my employer), 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
Peter	Roy	Payne	of	Cheltenham	Gloucestershire	UK
John		Houghton	of	Cheltenham	Gloucestershire	UK
Robert	Henry Keith Miles	Bullock	of	Cheltenham	Gloucestershire	UK

v9.18.12

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GE Docket No. 324113 / McGarry Bair No. 71966-0560 ZERO CROSSING CONTACTOR AND METHOD OF OPERATING

hereby sell and assign to:

Name of Company: GE Aviation Systems Limited
Entity Type (optional): a company existing under the laws of England
Address: registered office, Cheltenham Road, Bishops Cleeve, Cheltenham, Gloucestershire,
GL52 8SF United Kingdom

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	Application Number	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.

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GE Docket No. <u>324113</u> / McGarry Bair No. <u>71966-0560</u> ZERO CROSSING CONTACTOR AND METHOD OF OPERATING

INVENTOR 1	Ś. 8
	Date: 19/4/2018
Signature:	Date: 1914/2018
Peter Roy Payne	
Witnessed by: Signature A. B. DAVIS	Date: 14 April 2018
Printed Name of Witness 15	** *
Witnessed by:	Date: 19th 12 PRIL 2018
Printed Name of Witness	
Fillined Name of Villiess	
SECTION BELOW IS FOR USE ONLY IF SK	3NING IN PRESENCE OF A NOTARY
	Date:
Peter Roy Payne	
STATE OF SS.	
This day of	before me personally came the above-named as the individual who executed the foregoing he executed the same of his/her own free will for
Seal	
	Alexander D. C. P.
	(Notary Public)

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GE Docket No. <u>324113</u> / McGarry Bair No. <u>71966-0560</u> ZERO CROSSING CONTACTOR AND METHOD OF OPERATING

Seal

INVENTOR 2 Date: 19 April 2018 Signature: John Houghton Witnessed by: JAMES FOSTER Printed Name of Witness Signature Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: ___ John Houghton STATE OF SS. **COUNTY OF** ____, _____ before me personally came the above-named John Houghton, 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.

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(Notary Public)

GE Docket No. 324113 / McGarry Bair No. 71956-0560 ZERO CROSSING CONTACTOR AND METHOD OF OPERATING

INVENTOR 3	
Signature: Robert Henry Keith Miles Bullock	Date: 19# NRIL 2018
Witnessed by: Signature	Date: 19th APRIL 2018
GAFENLEY	
Witnessed by: Signature	Date: 14 April 2018
Signature A.B. DAVIS	
Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIGNING	G IN PRESENCE OF A NOTARY
Robert Henry Keith Miles Bullock	
STATE OF	
COUNTY OF	
This day of , be Robert Henry Keith Miles Bullock, to me personall foregoing assignment, who acknowledged to me that free will for the purposes therein set forth.	
Seal	
	(Notary Public)

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PATENT REEL: 048996 FRAME: 0133

RECORDED: 04/25/2019