# 504448516 07/10/2017

# PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JOHAN ARNOLD SMIT	06/30/2017
PAUL BUTTERLEY	06/22/2017

#### **RECEIVING PARTY DATA**

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

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15644971

## **CORRESPONDENCE DATA**

**Fax Number:** (203)840-6495

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:** 203-229-3883

Email: Claire.Murray@ge.com

Correspondent Name: GENERAL ELECTRIC COMPANY GE GLOBAL PATEN

Address Line 1: 901 MAIN AVENUE

Address Line 2: 3RD FLOOR

Address Line 4: NORWALK, CONNECTICUT 06851

ATTORNEY DOCKET NUMBER: 265965 \_2

NAME OF SUBMITTER: WILLIAM S. MUNNERLYN

SIGNATURE: /William S. Munnerlyn/

DATE SIGNED: 07/10/2017

### **Total Attachments: 4**

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PATENT 504448516 REEL: 042946 FRAME: 0923

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# 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:

## PROGNOSTIC RULES FOR PREDICTING A PART FAILURE

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

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
Johan	Arnold	SMIT	of	Eastleigh	Hampshire	GB
Paul		BUTTERLEY	of	Eastleigh	Hampshire	GB

hereby sell and assign to:

Name of Company: GE Aviation Systems Limited

Entity Type (optional):

Address: Cheltenham Road

Bishops Cleeve

Cheltenham, Gloucestershire

GL52 8SF Great Britain

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	Type of Filing	Application Number	Filing Date	Title
Filing				
GB	PRI	1611992.7	July 11, 2016	PROGNOSTIC RULES
				FOR PREDICTING A
				PART FAILURE

(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.

GE Docket No. 265965 **INVENTOR 1** Signature: Johan Arnold SMIT Date: 30-06-2017 Signature Printed Name of Witness Witnessed by: \_ Date: Signature Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: Johan Arnold SMIT STATE OF COUNTY OF

the purposes therein set forth.

Seal

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_ before me personally came the above-named **Johan Arnoid SMIT**, 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 (Notary Public)

INVENTOR 2 Date: 22/06/17

Date: 22/06/17 Signature: Paul BUTTERLEY Witnessed by: Mania Watson
Signature MARIA WATSON Printed Name of Witness Date: 22/4/17 Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Paul BUTTERLEY STATE OF COUNTY OF This \_\_\_\_\_\_ before me personally came the above-named Paul BUTTERLEY, 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.

GE Docket No. 265965

Seal

RECORDED: 07/10/2017

PATENT REEL: 042946 FRAME: 0928

(Notary Public)