

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT4513479

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RYAN MATTHEW CHAPIN	07/19/2017
RAJI REDDY	07/20/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GENERAL ELECTRIC COMPANY
<b>Street Address:</b>	1 RIVER ROAD
<b>City:</b>	SCHENECTADY
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	12345
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15655352
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	314466/GEP138US
<b>NAME OF SUBMITTER:</b>	HIMANSHU S. AMIN
<b>SIGNATURE:</b>	/Himanshu S. Amin/
<b>DATE SIGNED:</b>	07/20/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 4</b>	
source=314466_Declaration_Assignment As Filed 20JUL2017#page1.tif	
source=314466_Declaration_Assignment As Filed 20JUL2017#page2.tif	
source=314466_Declaration_Assignment As Filed 20JUL2017#page3.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:

**CUMULATIVE COST MODEL FOR PREDICTING ASSET MAINTENANCE COST FROM DISTRESS  
MODELS**

- 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 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
Ryan	Matthew	Chapin	of	Cincinnati	OH	US
Raji		Reddy	of	Dubai		AE
			of			

v9.18.12

hereby sell and assign to:

Name of Company: <i>General Electric Company</i>
Entity Type (optional): <i>New York corporation</i>
Address: <i>1 River Road, Schenectady, New York 12345 USA</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
U.S.	Utility	15/655,352	7/20/2017	CUMULATIVE COST MODEL FOR PREDICTING ASSET MAINTENANCE COST FROM DISTRESS MODELS

(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: Ryan Matthew Chapin  
Inventor Name: Ryan Matthew Chapin

Date: 7/19/17

Witnessed by: [Signature]  
Signature

Date: 7/19/17

Olivia Danenbauer  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: 7/19/17

Robert Kahn  
Printed Name of Witness

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

\_\_\_\_\_ Date: \_\_\_\_\_  
Ryan Matthew Chapin

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

ss.

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Ryan Matthew Chapin, 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)

GE Docket No. 314466

INVENTOR 2

Signature: A. Raji Reddy  
Inventor Name: **Raji Reddy**

Date: 7/20/2017

Witnessed by: John Griner  
Signature  
John Griner

Date: 7/20/2017

Printed Name of Witness

Witnessed by: H. Najafzadeh  
Signature

Date: 7/20/2017

Haleh Najafzadeh  
Printed Name of Witness

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

\_\_\_\_\_  
**Raji Reddy** Date: \_\_\_\_\_

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ ss.

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Raji Reddy**, 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)