503643154 01/11/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT3689787 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EHSAN DEHGHAN NIRI	01/04/2016
CURTIS WAYNE ROSE	01/04/2016
AMIR RIAHI	01/06/2016
ERIC MICHAEL SHAIN	01/04/2016

RECEIVING PARTY DATA

Name:	GENERAL ELECTRIC COMPANY		
Street Address:	ONE RIVER ROAD		
City:	SCHENECTADY		
State/Country:	NEW YORK		
Postal Code:	12345		

PROPERTY NUMBERS Total: 1

Property Type	Number			
Application Number:	14992444			

CORRESPONDENCE DATA

Fax Number: (717)237-5300

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: 717-237-5455 Email: ksmith@mwn.com

Correspondent Name: KERRI J. SMITH, PARALEGAL

Address Line 1: **100 PINE STREET** Address Line 2: P.O. BOX 1166

Address Line 4: HARRISBURG, PENNSYLVANIA 17108-1166

ATTORNEY DOCKET NUMBER: 284577/22113-0290 NAME OF SUBMITTER: KERRI J. SMITH **SIGNATURE:** /Kerri J. Smith/ **DATE SIGNED:** 01/11/2016 This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 12

PATENT REEL: 037453 FRAME: 0832

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Customer No.: 13152

COMBINED DECLARATION AND GLOBAL ASSIGNMENT

FOR UTILITY OR DESIGN PATENT APPLICATION

As the below named inventors, we hereby declare that:

This declaration and assignment are directed to:

METHODS OF NON-DESTRUCTIVE TESTING AND ULTRASONIC INSPECTION OF COMPOSITE MATERIALS

\boxtimes	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
Ehsan		DEHGHAN NIRI	of	Glenville	NY	US
Curtis	Wayne	ROSE	of	Mechanicville	NY	US
Amir		RIAHI	of	Greenville	SC	US
Eric	Michael	SHAIN	of	Simpsonville	SC	US

Customer No.: 13152

hereby sell and assign to:

Name of Company: GENERAL ELECTRIC COMPANY
Entity Type (optional): New York corporation
Address: One River Road, Schenectady, New York 12345 USA

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.

INVENTOR 1	
Signature: Ehsan DEHGHAN NIRI	Date: <u>91/04/7</u> 016
Witnessed by; <u> </u>	Date:
Theodore O Faulre. It	
Witnessed by: // Signature	Date:
<u>Steven L. Braitenback</u> Printed Name of Witness	
INVENTOR 2 /7/ /	
INVENTOR 2 Signature Curtis Wayne ROSE	Date: <u>01-04-2016</u>
Signature/	Date: <u>01-04-2016</u> Date: <u>//4/2016</u>
Signature Curtis Wayne ROSE Witnessed by:	s \$
Signature Curtis Wayne ROSE Witnessed by: Signature Response Distance	s \$
Signature: Curtis Wayne ROSE Witnessed by: Signature Printed Name of Witness, Witnessed by:	Date:

Customer No.: 13152

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INVENTOR 3 Date: Signature: ______ Witnessed by: Signature Date: Printed Name of Witness Witnessed by: ______Signature Date: _____ Printed Name of Witness **INVENTOR 4** Signature: Date: _____ Eric Michael SHAIN Witnessed by: ______Signature Date: Printed Name of Witness Witnessed by: Signature Date: Printed Name of Witness

Docket No.: 284577/22113-0290

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INVENTOR 1	
Signature:	Date:
Witnessed by: Signature	Date:
Printed Name of Witness	
Witnessed by:Signature	Date:
Printed Name of Witness	
INVENTOR 2 Signature: Curtis Wayne ROSE	Date:
Witnessed by: Signature	Date:
Printed Name of Witness	
Witnessed by:Signature	Date:
Printed Name of Witness	

INVENTOR 3	
Signature: Amir RIAHI	Date: 1/6/2016
Witnessed by: Witnessed by: Signature	Date: 1/6/2016
Megaa Rotoado Printed Name of Witness	
Witnessed by: <u>Ha. M. Ival (ev</u> Signature	Date:
HLAN M. WALKER Printed Name of Witness	
INVENTOR 4	
Signature: Eric Michael SHAIN	Date:
Witnessed by:Signature	Date:
Printed Name of Witness	
Witnessed by:Signature	Date:
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Witnessed by: Signature	Date:	
Printed Name of Witness		
Witnessed by: Signature	Date:	маламалама
Printed Name of Witness		
INVENTOR 2		
Signature: Curtis Wayne ROSE	Date:	
Witnessed by:Signature	Date:	
Printed Name of Witness		
	Date:	
Witnessed by:Signature	<u></u>	

INVENTOR 3 Date: Signature: Amir RIAHI Signature Date: Witnessed by: ____ Printed Name of Witness Date: Witnessed by: Signature Printed Name of Witness **INVENTOR 4 Eric Michael SHAIN** Date: 1/4/2016 Witnessed by:

Docket No.: 284577/22113-0290