PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4008324

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARCHIE LEE SWANNER JR.	08/15/2016
TIFFANY MULLER CRAFT	08/15/2016
DONNELL EUGENE CREAR	08/15/2016
CHAD JOSEPH DULKIEWICZ	08/15/2016
KASSY MOY HART	08/15/2016

RECEIVING PARTY DATA

Name:	General Electric Company
Street Address:	1 River Road
City:	Schenectady
State/Country:	NEW YORK
Postal Code:	12345

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15237799

CORRESPONDENCE DATA

Fax Number: (518)449-0047

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: 518-449-0044

Email: ptocommunications@hoffmanwarnick.com,

Itorres@hoffmanwarnick.com

Correspondent Name: HOFFMAN WARNICK LLC

Address Line 1: 540 BROADWAY
Address Line 2: 4TH FLOOR

Address Line 4: ALBANY, NEW YORK 12207

ATTORNEY DOCKET NUMBER: 313376-1

NAME OF SUBMITTER: GARRETT M. SMITH

SIGNATURE: /GARRETT M. SMITH/

DATE SIGNED: 08/16/2016

This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT 503961669 REEL: 039452 FRAME: 0668

Total Attachments: 7 source=313376-1-US_CombinedDecAssignment_16AUG2016#page1.tif source=313376-1-US_CombinedDecAssignment_16AUG2016#page2.tif source=313376-1-US_CombinedDecAssignment_16AUG2016#page3.tif source=313376-1-US_CombinedDecAssignment_16AUG2016#page4.tif source=313376-1-US_CombinedDecAssignment_16AUG2016#page5.tif source=313376-1-US_CombinedDecAssignment_16AUG2016#page6.tif

source=313376-1-US_CombinedDecAssignment_16AUG2016#page7.tif

PATENT REEL: 039452 FRAME: 0669

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:

PARTICLE DETECTION SYSTEMS

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 the application number and filing date of the application when known.)	or agents to insert above

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
Archie	Lee	Swanner, Jr.	of	Easley	SC	US
Tiffany	Muller	Craft	of	Simpsonville	SC	US
Donnell	Eugene	Crear	of	Simpsonville	SC	US
Chad	Joseph	Dulkiewicz	of	Simpsonville	SC	US
Kassy	Moy	Hart	of	Greenville	SC	US

v9.18.12

hereby sell and assign to:

PATENT REEL: 039452 FRAME: 0670

Name of Company: General Electric Company	
Entity Type (optional): New York corporation	
Address: 1 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	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: Archie Lee Swanner, Jr.	Date: 8/15/16
Witnessed by: Dearn Huelly Signature	Date: 08 (15/16
Dean A Snelling Jv. Printed Name of Witness	
Witnessed by: Signature	Date: <u>8/15/16</u>
Steven Woods Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIG	NING IN PRESENCE OF A NOTARY
Da	ate:
STATE OF	
COUNTY OF	
Swanner, Jr., to me personally known as the individual	efore me personally came the above-named Archie Lee dual who executed the foregoing assignment, who ne of his/her own free will for the purposes therein set
Seal	
	(Notary Public)

INVENTOR 2	
Signature: Tiffany Muller Craft	Date: 15 August 2x 16
Witnessed by:	Date: 8/15/2016.
Signature	
Jose TROTTINO Printed Name of Witness	
Witnessed by: 1 Komas M Munay Signature	Date: <u>8-/5-/6</u>
Thomas M. Munray Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIG	NING IN PRESENCE OF A NOTARY
Tiffany Muller Craft	ate:
STATE OF	
county of	
This day of,b Craft, to me personally known as the individual who to me that he/she executed the same of his/her ow	pefore me personally came the above-named Tiffany Muller o executed the foregoing assignment, who acknowledged on free will for the purposes therein set forth.
Seal	

(Notary Public)

GE Docket No. 313376-1 INVENTOR 3	7		
Signature: Bonnell Eugene Crear	Date:	8/15/16	_
Witnessed by: Signature	Date:	8-15-16	
Jose Troitino Printed Name of Witness			
Witnessed by: <u>I Komas MMuna</u> Signature	Date: _ <i>_</i> _	3-15-16	_
Thomas M. Monray Printed Name of Witness			
SECTION BELOW IS FOR USE ONLY IF SIGN	NING IN PRES	ENCE OF A NOTA	.RY
Date	:e:		
STATE OF ss.			
This day of, be Eugene Crear, to me personally known as the individual acknowledged to me that he/she executed the same forth.	idual who exec	cuted the foregoing	assignment, who
Seal			

(Notary Public)

INVENTOR 4	
Signature: Chad Joseph Dulkiewicz	Date: <u>08-15-2016</u>
Witnessed by: Nam Hull Signature	Date: _08/16/16
Dean A Snelling Jr. Printed Name of Wilness	
Witnessed by: <u>Russell Vintas</u> Signature	Date: 8/15/16
Russell Vares Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGN	IING IN PRESENCE OF A NOTARY
Date	e:
STATE OF ss. COUNTY OF	
This day of, be Dulkiewicz, to me personally known as the individua acknowledged to me that he/she executed the same forth.	efore me personally came the above-named Chad Joseph al who executed the foregoing assignment, who e of his/her own free will for the purposes therein set
Seal	
	(Notary Public)

GE Docket No. 313376-1 INVENTOR 5	
Signature: Kassy Moy Hart	Date:8/15/2016
Witnessed by: Josephine Signature	Date: 8/15/2016
Tose TROTTINO Printed Name of Witness	
Witnessed by: Signature	Date: 8/15/16
Reprinted Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY	
Da Kassy Moy Hart	ate:
STATE OF ss.	
COUNTY OF	
This day of, b Hart, to me personally known as the individual who me that he/she executed the same of his/her own to	pefore me personally came the above-named Kassy Moy o executed the foregoing assignment, who acknowledged to free will for the purposes therein set forth.
Seal	

7

(Notary Public)