

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5535037

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MATTHEW DAVID BUTTS	05/15/2019
JAMES EDWARD MURPHY	05/20/2019
MARK DANIEL DOHERTY	05/16/2019
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:	16419206
CORRESPONDENCE DATA	
Fax Number:	(518)514-1343
<i>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.</i>	
Phone:	5183874427
Email:	shannon.cannizzaro@ge.com
Correspondent Name:	GENERAL ELECTRIC COMPANY GLOBAL RESEARCH
Address Line 1:	1 RESEARCH CIRCLE
Address Line 2:	K1 - 3A59
Address Line 4:	NISKAYUNA, NEW YORK 12309
ATTORNEY DOCKET NUMBER:	502201
NAME OF SUBMITTER:	MARY LOUISE STANFORD
SIGNATURE:	/mls41779/
DATE SIGNED:	05/22/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 5	
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source=502201-1_US_Combined_Assignment_Declaration_22May2019#page5.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:

METHOD TO ENHANCE PHOSPHOR ROBUSTNESS AND DISPERSABILITY AND RESULTING PHOSPHORS

- 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,

Matthew David Butts	<i>of</i>	Rexford, New York <i>(city, state or country)</i>
James Edward Murphy	<i>of</i>	Niskayuna, New York <i>(city, state or country)</i>
Mark Daniel Doherty	<i>of</i>	Niskayuna, New York <i>(city, state or country)</i>

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 and 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, 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: Matthew David Butts Date: 5/15/2019
Matthew David Butts

Witnessed by: [Signature] Date: 5/15/2019
Signature

MICHAEL O'BRIEN
Printed Name of Witness

Witnessed by: [Signature] Date: 5/15/2019
Signature

ANDREW A. BURNS
Printed Name of Witness

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

_____ Date: _____
Matthew David Butts

STATE OF

ss.

COUNTY OF

This ____ day of _____, _____ before me personally came the above-named **Matthew David Butts**, 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. 502201

"METHOD TO ENHANCE PHOSPHOR ROBUSTNESS AND DISPERSABILITY AND RESULTING PHOSPHORS"

INVENTOR 2

Signature: James Edward Murphy Date: 05-20-19
James Edward Murphy

Witnessed by: [Signature] Date: 05-20-19
Signature

Michael Bowman
Printed Name of Witness

Witnessed by: [Signature] Date: 05/20/19
Signature

DAVID E. SMITH
Printed Name of Witness

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

_____ Date: _____
James Edward Murphy

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **James Edward Murphy**, 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)

INVENTOR S

Signature: Mark Daniel Doherty Date: 5/16/19
Mark Daniel Doherty

Witnessed by: Lakshmi Krishnan Date: 5/16/19
Signature

Lakshmi Krishnan
Printed Name of Witness

Witnessed by: William Adams Date: 5-16-19
Signature

WILLIAM ADAMS
Printed Name of Witness

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

_____ Date: _____
Mark Daniel Doherty

STATE OF _____
COUNTY OF _____

ss.

This _____ day of _____ before me personally came the above-named **Mark Daniel Doherty**, 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)