506044725 05/05/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6091440

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES EDWARD MURPHY	05/22/2014
ANANT ACHYUT SETLUR	05/22/2014
FLORENCIO GARCIA	05/16/2014
ROBERT JOSEPH LYONS	05/21/2014
ASHFAQUL ISLAM CHOWDHURY	05/16/2014
NAGAVENI KARKADA	05/22/2014
PRASANTH KUMAR NAMMALWAR	05/19/2014
WILLIAM WINDER BEERS	01/06/2017

RECEIVING PARTY DATA

Name:	GENERAL ELECTRIC COMPANY	
Street Address:	1 RIVER ROAD	
City:	SCHENECTADY	
State/Country:	NEW YORK	
Postal Code:	ostal Code: 12345	

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16294651		

CORRESPONDENCE DATA

Fax Number: (203)972-7627

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: 2039723460

Email: Colabella@bmtpatent.com, murray@bmtpatent.com

Correspondent Name: BUCKLEY, MASCHOFF & TALWALKAR LLC

Address Line 1: 50 LOCUST AVE # 9

Address Line 4: NEW CANAAN, CONNECTICUT 06840

ATTORNEY DOCKET NUMBER:	264767-US-29(C28.072C)
NAME OF SUBMITTER:	KURT M. MASCHOFF
SIGNATURE:	/Kurt M. Maschoff/

PATENT 506044725 REEL: 052569 FRAME: 0373

DATE SIGNED:	05/05/2020
Total Attachments: 12	
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PATENT REEL: 052569 FRAME: 0374

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:

COLOR STABLE RED-EMITTING PHOSPHORS

\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
James	Edward	Murphy	of	Niskayuna	NY	US
Anant	Achyut	Setlur	of	Niskayuna	NY	US
Florencio		Garcia	of	Schenectady	NY	US
Robert	Joseph	Lyons	of	Burnt Hills	NY	US
Ashfaqul	Islam	Chowdhury	of	Broadview Heights	ОН	US
Nagaveni		Karkada	of	Bangalore		IN
Prasanth	Kumar	Nammalwar	of	Bangalore		IN

hereby sell and assign to:

	11
	Name of Company: General Electric Company
ı	Entity Type (optional): New York corporation
- 1	
į	Address: 1 River Road, Schenectady, New York 12345 USA
J	

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.

GE Docket No. 264767-5

INVENTOR 1	
Signature:	Date:
Witnessed by:Signature	Date:
Printed Name of Witness	
Witnessed by:Signature	Date:
Printed Name of Witness	
James Edward Murphy	Date: 5 22 2014
STATE OF New York ss. COUNTY OF Schenectady	
	2014 before me personally came the above-named known as the individual who executed the foregoing he/she executed the same of his/her own free will for the control of the
RITA M. LYNCH Notary Public, State of New York Qual. in A Dew Co. No., 011/5079766	

INVENTOR 2	
Signature:Anant Achyut Setlur	Date:
Witnessed by:Signature	Date:
Printed Name of Witness	
Witnessed by:Signature	Date:
Printed Name of Witness	
Anant Achyut Setlur	Date: 5/22/2014
STATE OF New York ss. COUNTY OF Schenectady	
Ariant Activat Setion, to the Dersonally K	2014 before me personally came the above-named nown as the individual who executed the foregoing he/she executed the same of his/her own free will for (Notary Public)
RITA M. LYNCH Notary Public, State of New York Qual. in A. D. Ex-Co. No. Q11Y6Q7976A	

INVENTOR 3 Signature: Date: Florencio Garcia Witnessed by: ___ Date: _____ 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: 5 / 1 6 / 19 Florencio Garcia STATE OF New York COUNTY OF Schanectady ss. This day of may, 2014 before me personally came the above-named Florencio Garcia, 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 RITA M. LYNCH Notary Public, State of New York

GE Docket No. 264767-5

INVENTOR 4 Signature: _____ Date: Robert Joseph Lyons Witnessed by: ____ Date: 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 bert Ooseph July Date: 5/21/2014 Robert Joseph Lyons STATE OF New York COUNTY OF Schene Hody This day of Au , 2014 before me personally came the above-named Robert Joseph Lyons, 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 RITA M. LYNCH Notary Public, State of New York

Qual, in Alowy Co. No. 01176079764

Commission Expires 2014

GE Docket No. 264767-5

INVENTOR 5 Signature: _____ Date: Ashfaqul Islam Chowdhury Witnessed by: _____ Date: 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 MARNI ISLAM (MONDAWPY Date: 5/16/14 Ashfaqui Islam Chowdhury SS. day of Mach., 2014 before me personally came the above-named Ashfaqul Islam Chowdhury, 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. Maney Museau (Notary Public) Seal

GE Docket No. 264767-5

GE Docket No. <u>264767-5</u>

INVENTOR 6	
Signature: (Nacconstitution of the Nagaveni Karkada	Date: 22 May 2014
Witnessed by Signature R. SRINIVASAN	- Date: 22 May 2014
Printed Name of Witness	****
Witnessed by: Signature	Date: 22 ⁷² May 2014
Swapni) Pati) Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SI	IGNING IN PRESENCE OF A NOTARY
	Date:
Nagaveni Karkada	
STATE OF SS. COUNTY OF	
This day of 20° Nagaveni Karkada, to me personally know assignment, who acknowledged to me that he the purposes therein set forth.	14 before me personally came the above-named in as the individual who executed the foregoing /she executed the same of his/her own free will for
Seal	
	(Notary Public)

INVENTOR 7 Date: 19 K May, 2014 Prasanth Kumar Nammalwar Witnessed by: Signature Date: 19 May 2014 Digamber Pords
Printed Name of Witness Witnessed by: Signature Date: 19th May 2016 SRINIDHI RAMACHANDRA Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: Prasanth Kumar Nammalwar STATE OF SS. COUNTY OF This _____ day of _____ 2014 before me personally came the above-named Prasanth Kumar Nammalwar, 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

GE Docket No. 264767-5

(Notary Public)

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:

COLOR STABLE RED-EMITTING PHOSPHORS

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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.

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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	Inventor	Inventor Last		Residence Town	Residence	Residence
First Name	Middle	Name			State	Country
	Name					•
William	Winder	Beers	of	Chesterland	ОН	US

hereby sell and assign to:

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.

GE Docket No. 264767-5

INVENTOR 1	
Signature: <u>William Winder Beers</u>	Ber Date: 1/6/2017
Witnessed by: Signature	Date: <u>//6/22/2/</u>
Printed Name of Witness	Date: 1-6-2017
Witnessed by: Mark Signature Mark Baker Printed Name of Witness	Date: <u>/-//-</u>
	IF SIGNING IN PRESENCE OF A NOTARY Date:
William Winder Beers	
STATE OF SS.	
William Winder Beers, to me personally	, 2016 before me personally came the above-named known as the individual who executed the foregoing at he/she executed the same of his/her own free will for
Seal .	
	(Notary Public)