

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4431808

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DENGKE CAI	12/04/2015
THOMAS J. BOYLE	11/25/2015
JIAN LI	12/01/2015
QING YI	12/01/2015
ZHIYONG WANG	12/01/2015
HUI SHENG ZHOU	01/13/2015
KUN XIAO	12/03/2015
RUOJIAN ZHU	01/13/2015
RECEIVING PARTY DATA	
Name:	GE LIGHTING SOLUTIONS, LLC
Street Address:	1975 NOBLE ROAD
City:	EAST CLEVELAND
State/Country:	OHIO
Postal Code:	44112
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	15529849
PCT Number:	US2015063087
CORRESPONDENCE DATA	
Fax Number:	(203)840-6495
<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:	203-229-3883
Email:	maureen.silveira@ge.com
Correspondent Name:	GENERAL ELECTRIC COMPANY GE GLOBAL PATEN
Address Line 1:	901 MAIN AVENUE
Address Line 2:	3RD FLOOR
Address Line 4:	NORWALK, CONNECTICUT 06851
ATTORNEY DOCKET NUMBER:	275459-2 & -4
NAME OF SUBMITTER:	MAUREEN SILVEIRA

PATENT

SIGNATURE:	/Maureen Silveira/
DATE SIGNED:	05/25/2017
Total Attachments: 10 source=275459_4_US_Signed_[Combined_Declaration_and_]Assignment_25MAY2017#page1.tif source=275459_4_US_Signed_[Combined_Declaration_and_]Assignment_25MAY2017#page2.tif source=275459_4_US_Signed_[Combined_Declaration_and_]Assignment_25MAY2017#page3.tif source=275459_4_US_Signed_[Combined_Declaration_and_]Assignment_25MAY2017#page4.tif source=275459_4_US_Signed_[Combined_Declaration_and_]Assignment_25MAY2017#page5.tif source=275459_4_US_Signed_[Combined_Declaration_and_]Assignment_25MAY2017#page6.tif source=275459_4_US_Signed_[Combined_Declaration_and_]Assignment_25MAY2017#page7.tif source=275459_4_US_Signed_[Combined_Declaration_and_]Assignment_25MAY2017#page8.tif source=275459_4_US_Signed_[Combined_Declaration_and_]Assignment_25MAY2017#page9.tif source=275459_4_US_Signed_[Combined_Declaration_and_]Assignment_25MAY2017#page10.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:

LIGHTING APPARATUS

- ☐ the specification of which is attached hereto OR
☒ United States application or PCT international application number

15/529849 filed on May 25, 2017, 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
Dengke		Cai	of	East Cleveland	OH	US
Jian		Li	of	Shanghai		CN
Thomas	J.	Boyle	of	East Cleveland	OH	US
Zhiyong		Wang	of	Shanghai		CN
Kun		Xiao	of	Shanghai		CN
Qing		Yi	of	Shanghai		CN
Huisheng		Zhou	of	Shanghai		CN
Ruojian		Zhu	of	Shanghai		CN

hereby sell and assign to:

Name of Company: <i>GE Lighting Solutions, LLC</i>
Entity Type (optional): <i>New York corporation</i>
Address: <i>1975 Noble Road, East Cleveland, Ohio 44112, 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
CN	Utility	201410736040.2	December 04, 2014	LIGHTING APPARATUS
WO	PCT	PCT/US2015/063087	December 01, 2015	LIGHTING APPARATUS

(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: _____
Dengke Cai

Date:

Witnessed by:

Signature

Date:

ALAN B. TROT
Printed Name of Witness

Witnessed by:

Signature

Date:

Aaron J. Becker
Printed Name of Witness

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

Dengke Cai

Date:

STATE OF

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Dengke Cai**, 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. 275459-1

INVENTOR 2

Signature: Li Jian 李健
Li, Jian

Date: 2015.01.12

Witnessed by: Fan Wenbin
Signature

Date: 2015.01.12

Printed Name of Witness

Witnessed by: He Ling
Signature

Date: 2015.01.12

Printed Name of Witness

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

Date: _____

Li, Jian

STATE OF

ss.

COUNTY OF

This _____ day of _____, 2014 before me personally came the above-named
Li, Jian, 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 3

Signature: _____
Thomas J. Boyle

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

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

Thomas J. Boyle
Thomas J. Boyle

Date: 11/25/2015

STATE OF

COUNTY OF

This 25th day of November, 2015 before me personally came the above-named Thomas J. Boyle, 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.

Maya Keen
(Notary Public)



GE Docket No. 275459-1

INVENTOR 4

Signature: Zhiyong Wang
Wang, Zhiyong

Date: 2015/1/12

Witnessed by: Den Xiong
Signature

Date: 2015. 1. 12

Printed Name of Witness

Witnessed by: Xing Dong
Signature

Date: 2015. 1. 12

Printed Name of Witness

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

Date: _____

Wang, Zhiyong

STATE OF

ss.

COUNTY OF


This _____ day of _____, 2014 before me personally came the above-named Wang, Zhiyong, 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. 275459-1

INVENTOR 5

Signature: 
Xiao, Kun

Date: 2015.3.12

Witnessed by: 
Signature

Date: 2015.3.12

Jiang Sheng
Printed Name of Witness

Witnessed by: 
Signature

Date: 2015.3.12

Roger Zhu
Printed Name of Witness

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

Xiao, Kun

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, 2014 before me personally came the above-named
Xiao, Kun, 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. 275459-1

INVENTOR 6

Signature: Yi Qing
Yi, Qing

Date: 2015.1.12

Witnessed by: 任小华
Signature

Date: 2015.1.12

Printed Name of Witness

Witnessed by: 支青
Signature

Date: 2015.1.12

Printed Name of Witness

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

Yi, Qing

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, 2014 before me personally came the above-named Yi, Qing, 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. 275459-1

INVENTOR 7

Signature: Huisheng Zhou
Zhou, Huisheng

Date: 2015. 1. 19

Witnessed by: Wubin Zhang
Signature

Date: 2015. 1. 13

Wubin Zhang
Printed Name of Witness

Witnessed by: Zhiqiang Bing
Signature

Date: 2015. 1. 13

Zhiqiang Bing
Printed Name of Witness

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

Date: _____

Zhou, Huisheng

STATE OF

ss.

COUNTY OF

This _____ day of _____, 2014 before me personally came the above-named
Zhou, Huisheng, 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 8

Signature: Ruojuan Zhu
Zhu, Ruojian

Date: Jan. 13, 2015

Witnessed by: Wubin Zhang
Signature

Date: Jan. 13, 2015

Wubin Zhang
Printed Name of Witness

Witnessed by: Anyong Wang
Signature

Date: Jan. 13, 2015

Anyong Wang
Printed Name of Witness

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

Date: _____

Zhu, Ruojian

STATE OF

ss.

COUNTY OF

This _____ day of _____, 2014 before me personally came the above-named
Zhu, Ruojian, 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)