PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4812992

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHUGUANG KUAI	09/11/2014
GUOFU ZHOU	11/03/2017
MARK CHRISTOPH JAEGER	02/15/2017

RECEIVING PARTY DATA

Name:	KONINKLIJKE PHILIPS N.V.	
Street Address:	HIGH TECH CAMPUS 5	
City:	EINDHOVEN	
State/Country:	NETHERLANDS	
Postal Code:	5656 AE	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15025093

CORRESPONDENCE DATA

Fax Number: (914)495-9570

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: 781 418-9342

Email: kim.larocca@lighting.com

PHILIPS LIGHTING HOLDING B.V. **Correspondent Name:**

Address Line 1: **465 COLUMBUS AVENUE**

Address Line 2: **SUITE 330**

Address Line 4: VALHALLA, NEW YORK 10595

ATTORNEY DOCKET NUMBER:	2013P00274WOUS01	
NAME OF SUBMITTER: MEENAKSHY CHAKRAVORTY		
SIGNATURE:	/Meenakshy Chakravorty/	
DATE SIGNED:	02/07/2018	

Total Attachments: 3

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> **PATENT REEL: 044850 FRAME: 0253** 504766264

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell, and assign, and transfer the entire and exclusive right, title, and interest in the following to Koninklijke Philips N.V., having

a place of business at I	ligh Tech Campus 5,5656	AE, Eindhoven, the Netherlands, its suc	cessors, assigns, and legal
representatives, includ	ing any nominees (collecti	vely "the Assignee") my/our invention f	or which an application:
is executed concur	ently herewith		
was executed by m	Sus on accusation and approximation	Constitution printing and distance as is described as in	
was filed on		ving a Serial No	enn en eilen eine kone.
🛛 was filed on. 11 Se	p 2014, having an Internati	ional Application No. PCT/EP2014/069	336,
and all rights in and to	said application, and all or	her United States, foreign and internatio	nal patent applications associated
therewith, based there	on, or claiming priority the	refrom including, but not limited to, any	and all provisionals, non-
provisionals divisions,	continuations, continuation	ns-in-part, re-examinations, reissues, and	sextensions thereof, and the right to
elaim priority thereto,	and the entire and exclusiv	e right, title, and interest in and to any a	nd all patents granted on these
applications.			
any and all Letters Pat legal representatives. I/We will provide my/e extent. Upon request a	ent when granted, solely to our cooperation to enable to it the expense of the Assign	officials in the United States and in any the Assignee(s), for its sole use, and the he Assignee to enjoy the foregoing right nee, I/we agree to execute all papers, tak tions and infringement actions, and do a	t of its successors, assigns, and title, and interest to the fullest all rightful caths, testify in all
		nd maintaining patents on the foregoing	
thereto in the Assigned		on more market because on the constitution	and any said on the Contraction of some
	nave the full right to conve	•	
2014.9.11	(sign name here)	Shighang Kuat	
Date	(print name here)	Shuguang KUAI /	, Assignor
Date	(print name here)	Guofu ZHOU	, Assignor
Date	(print name here)	Mark Christoph JAEGER	, Assignor

Page 1 of 1

and assign, and transfe a place of business at I	r the entire and exclusive r High Tech Campus 5,5656	we acknowledge receipt, I/we as a belowing to fight, title, and interest in the following to AE, Eindhoven, the Netherlands, its sucvely "the Assignee") my/our invention for	o Koninklijke Philips N.V., having cessors, assigns, and legal
is executed concurr	rently herewith		
was executed by m	e/us on	***************************************	
was filed on	, ha	ving a Serial No	***********
was filed on. 11 Se	p 2014, having an Internat	ional Application No. PCT/EP2014/069	336,
therewith, based thereo provisionals divisions,	on, or claiming priority the continuations, continuations	her United States, foreign and internatio refrom including, but not limited to, any ns-in-part, re-examinations, reissues, and e right, title, and interest in and to any a	and all provisionals, non- dextensions thereof, and the right to
		officials in the United States and in any the Assignee(s), for its sole use, and that	
extent. Upon request a legal proceedings include	at the expense of the Assign ading patent prosecution ac r convenient for securing a	he Assignee to enjoy the foregoing right nee, I/we agree to execute all papers, tak tions and infringement actions, and do and maintaining patents on the foregoing	e all rightful oaths, testify in all
I/We certify that I/we	nave the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Shuguang KUAI	, Assignor
November 3, 2017		Safarhou	
Date	(print name here)	Guofu ZHOU	, Assignor
Date	(print name here)	Mark Christoph JAEGER	. Assignor

Page 1 of 1

For good and valuable cor	isideration, of which I/we a	acknowledge receipt, I/we as a	below-named Assignor(s), hereby sell,
and assign, and transfer th	e entire and exclusive right	t, title, and interest in the follow	ving to Koninklijke Philips N.V., having
a place of business at High	ı Tech Campus 5,5656 AE,	, Eindhoven, the Netherlands, i	ts successors, assigns, and legal
representatives, including	any nominees (collectively	"the Assignee") my our inven	tion for which an application:
is executed concurrent	ly herewith		
was executed by me us	5 on	>+0+e+10+0+12+0+0+0+0+0+0+0	
was filed on	, havin	g a Serial No	*******************
		al Application No. PCT/EP201	
and all rights in and to said	d application, and all other	United States, foreign and inte	rnational patent applications associated
· <u>··</u> ·	• •		o, any and all provisionals, non-
provisionals divisions, cor	ntinuations, continuations-i	n-part, re-examinations, reissu	es, and extensions thereof, and the right to
claim priority thereto, and	the entire and exclusive rig	ght, title, and interest in and to	any and all patents granted on these
applications.			
any and all Letters Patent legal representatives. I/We will provide my/our extent. Upon request at the legal proceedings includir necessary, desirable, or conthereto in the Assignee.	when granted, solely to the cooperation to enable the Assignee, ag patent prosecution action	e Assignee(s), for its sole use, a Assignee to enjoy the foregoing , I/we agree to execute all pape ns and infringement actions, an maintaining patents on the fore	n any and all foreign countries to issue nd that of its successors, assigns, and gright, title, and interest to the fullest rs, take all rightful oaths, testify in all do all other such acts which may be going invention or for perfecting title
	(sign name here)		
Date	(print name here)	Shuguang KUAI	, Assignor
		The state of the s	
Date	(print name here)	Guofu XHOY	, Assignor
<u> 15 - 76 - 17</u>			
Date	(print name Were)	Mark Christoph JAKGER	, Assignor
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RECORDED: 02/07/2018

PATENT REEL: 044850 FRAME: 0256