505176683 11/06/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5223451

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUHONG FANG	10/25/2017
XI CHEN	05/29/2018
HARSHITHA GUDIPATI	06/07/2017

RECEIVING PARTY DATA

Name:	PHILIPS LIGHTING HOLDING B.V.
Street Address:	HIGH TECH CAMPUS 45
City:	EINDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5656 AE

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16099233

CORRESPONDENCE DATA

Fax Number: (914)769-4916

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: jo.cangelosi@signify.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:	2016P80035WOUS01
NAME OF SUBMITTER:	DANIEL J. PIOTROWSKI
SIGNATURE:	/DANIEL J. PIOTROWSKI/
DATE SIGNED:	11/06/2018

Total Attachments: 3

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PATENT REEL: 047418 FRAME: 0869 505176683

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	he entire and exclusive rig	tht, title, and interest in the following	to Philips Lighting Holding B.V.,
having a place of busines	s at High Tech Campus 4	5, 5656 AE, Eindhoven, the Netherlar	ids, its successors, assigns, and legal
representatives, including	any nominees (collective	ely "the Assignee") my/our invention	for which an application:
is executed concurren	tly herewith		
was executed by me/u			
was filed on	, havi	ing a Serial No.	************
was filed on. 23 May	2017, having an Internati	onal Application No. PCT/EP2017/0	62325,
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		er United States, foreign and internation	· · · · · · · · · · · · · · · · · · ·
		from including, but not limited to, any	
		s-in-part, re-examinations, reissues, ar	
applications.	a the chare and exclusive	right, title, and interest in and to any	mu an patents granted on these
applications.			
I/We authorize and reque	st that the Patent Office o	fficials in the United States and in any	and all foreign countries to issue
		he Assignee(s), for its sole use, and th	• • • • • • • • •
legal representatives.			

I/We will provide my/our	cooperation to enable the	e Assignee to enjoy the foregoing righ	at, title, and interest to the fullest
extent. Upon request at t	he expense of the Assigne	e, I/we agree to execute all papers, tal	ke all rightful oaths, testify in all
legal proceedings includi	ng patent prosecution acti	ons and infringement actions, and do	all other such acts which may be
necessary, desirable, or co	onvenient for securing and	d maintaining patents on the foregoing	g invention or for perfecting title
thereto in the Assignee.			
I/We certify that I/we have	e the full right to convey	the above rights.	
		A. A	
10/25/2017	(sign name here)	- BA-1	
	(print name here)	Yuhong FANG	, Assignor
Date /	(hum name nere)	i maying erritig	, rissigian
	(sign name here)		
Date	(print name here)	Xi CHEN	, Assignor
	(sign name here)		
Date	(print name here)	Harshitha GUDIPATI	, Assignor

Page 1 of 1

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For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell,

and assign, and trans	fer the entire and exclusive ri	ght, title, and interest in the following	to Philips Lighting Holding B.V.,
having a place of bus	iness at High Tech Campus	15, 5656 AE, Eindhoven, the Netherlan	nds, its successors, assigns, and legal
representatives, inclu	ding any nominees (collectiv	ely "the Assignee") my/our invention	for which an application:
is executed concu	construction		
	me/us on		
		ving a Serial No	
		ional Application No. PCT/EP2017/0	
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and all rights in and t	to said application, and all of	her United States, foreign and internati	ional patent applications associated
therewith, based ther	eon, or claiming priority ther	efrom including, but not limited to, an	y and all provisionals, non-
provisionals division	s, continuations, continuation	is-in-part, re-examinations, reissues, a	nd extensions thereof, and the right to
claim priority thereto	o, and the entire and exclusive	eright, title, and interest in and to any	and all patents granted on these
applications.			
	-	officials in the United States and in an	•
		the Assignee(s), for its sole use, and the	hat of its successors, assigns, and
legal representatives			
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		tions and infringement actions, and do nd maintaining patents on the foregoir	
thereto in the Assign		nd mannaming pateins on the foregon	ig invention or for perfecting time
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I/We certify that I/w	e have the full right to conve	v the shove rights	
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	(sign name here)		
Date	(print name here)	Yuhong FANG	, Assignor
	(sign name here)		
Date	(print name here)	XICHEN	, Assignor
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Date	(sign name here) (print name here)	Harshitha GUDIPATI	Assissan
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PATENT REEL: 047418 FRAME: 0872