504690950 12/15/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TIES VAN BOMMEL	07/12/2016
RIFAT ATA MUSTAFA HIKMET	05/22/2017

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:	15737149

CORRESPONDENCE DATA

Fax Number:

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: 914-495-9561

Email: gigi.miller@lighting.com

Correspondent Name: PHILIPS LIGHTING INTELLECTUAL PROPERTY

Address Line 1: 465 COLUMBUS AVENUE

Address Line 2: SUITE 330

Address Line 4: VALHALLA, NEW YORK 10595

ATTORNEY DOCKET NUMBER:	2015P00463WOUS
NAME OF SUBMITTER:	GIGI MILLER
SIGNATURE:	/GiGi Miller/
DATE SIGNED:	12/15/2017

Total Attachments: 2

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PATENT 504690950 REEL: 044410 FRAME: 0322

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

having a place of busin	ess at High Tech Campus	ght, title, and interest in the following to 45, 5656 AE, Eindhoven, the Netherland rely "the Assignee") my/our invention for	s, its successors, assigns, and legal
is executed concurre	ently herewith		
was executed by ma	os on	>>+C3++C>+C++C++C++C++C++C++C++C+++O++	
was filed on	, ha	ving a Serial No	
was filed on. 13 Jui	a 2016, having an Internati	onal Application No. PCT/EP2016/063	486,
and all rights in and to	said application, and all ot	her United States, foreign and internation	nal patent applications associated
therewith, based thereo	n, or claiming priority the	efrom including, but not limited to, any	and all provisionals, non-
provisionals divisions,	continuations, continuation	ns-in-part, re-examinations, reissues, and	extensions thereof, and the right to
claim priority thereto, a	nd the entire and exclusive	e right, title, and interest in and to any ar	nd all patents granted on these
applications.			
I/We authorize and req	uest that the Patent Office	officials in the United States and in any	and all foreign countries to issue
any and all Letters Pate	nt when granted, solely to	the Assignee(s), for its sole use, and that	t of its successors, assigns, and
legal representatives.			
I/We will provide my/o	our cooperation to enable t	he Assignee to enjoy the foregoing right,	title, and interest to the fullest
extent. Upon request a	t the expense of the Assign	nee, I/we agree to execute all papers, tak	e all rightful oaths, testify in all
legal proceedings inclu	ding patent prosecution ac	tions and infringement actions, and do a	ll other such acts which may be
necessary, desirable, or	convenient for securing a	nd maintaining patents on the foregoing	invention or for perfecting title
thereto in the Assignee			
I/We certify that I/we h	ave the full right to conve	y the above rights.	
15 July 2016	(sign name here)		ş
Date	(print name here)	Ties VAN BOMMEL	, Assignor
	(sign name here)		
Date	(print name here)	Rifat Ata Mustafa HIKMET	. Assignor

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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 transfer the entire and exclusive right, title, and interest in the following to Philips Lighting Holding B.V.,

• .		s 45, 5656 AE, Eindhoven, the Netherla tively "the Assignee") my/our invention	· · · · · · · · · · · · · · · · · · ·
is executed conci	irrently berewith		
	me/us on		
•		aving a Serial No	
		ational Application No. PCT/EP2016/0	
and all rights in and	to said application, and all o	other United States, foreign and internat	ional patent applications associated
therewith, based ther	eon, or claiming priority th	erefrom including, but not limited to, an	y and all provisionals, non-
provisionals division	s, continuations, continuati	ons-in-part, re-examinations, reissues, a	nd extensions thereof, and the right to
claim priority thereto applications.	o, and the entire and exclusi	ve right, title, and interest in and to any	and all patents granted on these
	atent when granted, solely t	e officials in the United States and in an othe Assignee(s), for its sole use, and the	•
extent. Upon reques legal proceedings inc necessary, desirable,	t at the expense of the Assignation and the convenient for securing	the Assignee to enjoy the foregoing right gnee, I/we agree to execute all papers, ta actions and infringement actions, and do and maintaining patents on the foregoin	ke all rightful oaths, testify in all all other such acts which may be
thereto in the Assign I/We certify that I/we	ee. c have the full right to conv	ey th& above rights.	
	(sign name here)		
Date	(print name here)	Ties VAN BOMMEL	, Assignor
22.5.2012	(sign name here)	- 4 - 1	
_	(print name here)	Rifat Ata Mustafa HIKMET	Actionor
vase	(hun name nere)	Water type linespecies hitteriany	, Assignor

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PATENT REEL: 044410 FRAME: 0324