505057190 08/22/2018

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5103945

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
REINHOLD ELFERICH	05/11/2017
DAVID LIEWELLYN JOHN	03/24/2017

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:	16078871

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.

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Email: jo.cangelosi@signify.com

Correspondent Name: PHILIPS LIGHTING HOLDING B.V.

Address Line 1: **465 COLUMBUS AVENUE**

Address Line 2: **SUITE 330**

Address Line 4: VALHALLA, NEW YORK 10595

ATTORNEY DOCKET NUMBER:	2016P00131WOUS
NAME OF SUBMITTER:	DANIEL J. PIOTROWSKI
SIGNATURE:	/Daniel J. Piotrowski/
DATE SIGNED:	08/22/2018

Total Attachments: 2

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PATENT REEL: 046663 FRAME: 0705 505057190

naving a place of	business at High Tech Campus 4	ght, title, and interest in the following 5, 5656 AE, Eindhoven, the Netherla ely "the Assignee") my/our invention	ands, its successors, assigns, and legal
was executed was filed on		ing a Serial Noional Application No. PCT/EP2017/	
herewith, based to provisionals divis	hereon, or claiming priority there	ner United States, foreign and internate from including, but not limited to, as s-in-part, re-examinations, reissues, as right, title, and interest in and to any	ny and all provisionals, non- and extensions thereof, and the right to
	s Patent when granted, solely to	officials in the United States and in a the Assignee(s), for its sole use, and	
extent. Upon requegal proceedings	uest at the expense of the Assign including patent prosecution act ble, or convenient for securing ar	ne Assignee to enjoy the foregoing rig ee, I/we agree to execute all papers, t tions and infringement actions, and do nd maintaining patents on the foregoi	ake all rightful oaths, testify in all all other such acts which may be
I/We certify that	I/we have the full right to convey	the above rights.	
11 May 2 Date	(print name here)	Reinhold ELFER CH	, Assignor
	(sign name here)		
Date	(print name here)	David Llewellyn JOHN	, Assignor

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

For good and v	duable consideration, of which I/we	acknowledge receipt, I/we as a below	w-named Assignor(s), hereby sell,
and assign, and	transfer the entire and exclusive righ	nt, title, and interest in the following	to Philips Lighting Holding B.V.,
having a place	of business at High Tech Campus 45	, 5656 AE, Eindhoven, the Netherlan	ids, its successors, assigns, and legal
representatives	including any nominees (collective)	ly "the Assignee") my/our invention	for which an application:
is executed	concurrently herewith		
was execute	d by me/us on	2)	
was filed on	, havii	ng a Serial No.	-2453-4040-011040-
was filed on	23 Mar 2017, having an Internatio	nal Application No. PCT/EP2017/0	56939,
and all rights is	and to said application, and all othe	er United States, foreign and internati	onal patent applications associated
therewith, base	d thereon, or claiming priority theref	from including, but not limited to, an	y and all provisionals, non-
provisionals di	visions, continuations, continuations	-in-part, re-examinations, reissues, a	nd extensions thereof, and the right to
claim priority	hereto, and the entire and exclusive a	right, title, and interest in and to any	and all patents granted on these
applications.			
I/We authorize	and request that the Patent Office of	fficials in the United States and in an	y and all foreign countries to issue
any and all Let	ters Patent when granted, solely to the	he Assignce(s), for its sole use, and t	hat of its successors, assigns, and
legal represent	atives.		
			a the state of the
I/We will prov	ide my/our cooperation to enable the	Assignee to enjoy the foregoing rig	nt, title, and interest to the funcsi
extent. Upon	equest at the expense of the Assigne	e, I/we agree to execute all papers, to	ake an rightiti oaths, testily in an
legal proceedi	gs including patent prosecution acti	ons and infringement actions, and do	all other such acts which may be
necessary, des	rable, or convenient for securing and	d maintaining patents on the foregoin	ig invention or for perfecting title
thereto in the	Assignee.		
I/We certify th	at I/we have the full right to convey	the above rights.	
	4.		
	(sign name here)		
Date	(print name here)	Reinhold ELFERICH	, Assignor
		and the same of th	
24/3/1	Z (sign name here)		
Date	(print name here)	Ilaviti Llewellyn JOHN	
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