505834127 12/23/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NICOLAAS ANTONIE VAN RIJSWIJK	06/22/2018
ANNA WILHELMINA MARIA WONDERGEM-DE BEST	06/26/2018
RENE THEODORUS WEGH	11/28/2018

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:	16625792

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: 781-418-9187

Email: jo.cangelosi@signify.com SIGNIFY 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:	2017P80166WOUS
NAME OF SUBMITTER:	DANIEL J. PIOTROWSKI
SIGNATURE:	/DANIEL J. PIOTROWSKI/
DATE SIGNED:	12/23/2019

Total Attachments: 3

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PATENT REEL: 051352 FRAME: 0120 505834127

Date

Date

Date

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., having a place of business at High Tech Campus 45, 5656 AE, Eindhoven, the Netherlands, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee") my/our invention for which an application:
is executed concurrently herewith was executed by me/us on
was filed on, having a Serial No was filed on. 21 Jun 2018, having an International Application No. PCT/EP2018/066603,
and all rights in and to said application, and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisionals divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.
I/We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to the Assignce(s), for its sole use, and that of its successors, assigns, and legal representatives.
I/We will provide my/our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, I/we agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecution actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee.
I/We certify that I/we have the full right to convey the above rights.
22-66-2018 (sign name here) A.

Page 1 of 1

Anna, Withelmina,

(print name here)

(print name here)

(print name here)

Nicolaas, Antonie, VAN RIJSWIJK

Maria, WONDERGEM-DE BEST

René, Theodorus, WEGH

PATENT REEL: 051352 FRAME: 0121

, Assignor

, Assignor

, Assignor

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 t	he entire and exclusive ri	ght, title, and interest in the following to Pl	ailips Lighting Hold	ing B.V.,
having a place of busines	ss at High Tech Campus 4	45, 5656 AE, Eindhoven, the Netherlands, i	ts successors, assign	ns, and legal
representatives, including	g any nominees (collectiv	ely "the Assignee") my/our invention for v	vhich an application	•
.				
is executed concurrer	•			
	is on			
		ving a Serial No		
⊠ was filed on. 21 Jun	2018, having an Internati	onal Application No. PCT/EP2018/06660	Š ,	
and all rights in and to sa	aid application, and all oth	ner United States, foreign and international	patent applications	associated
therewith, based thereon	, or claiming priority ther	efrom including, but not limited to, any and	i all provisionals, no	m-
provisionals divisions, co	ontinuations, continuation	ns-in-part, re-examinations, reissues, and ex	tensions thereof, an	d the right to
claim priority thereto, an	d the entire and exclusive	e right, title, and interest in and to any and a	ill patents granted or	n these
applications.				
· ·		officials in the United States and in any and	- 18 - T	
any and all Letters Paten	t when granted, solely to	the Assignee(s), for its sole use, and that of	its successors, assi	gns, and
legal representatives.				
•		ne Assignee to enjoy the foregoing right, tit		
extent. Upon request at	the expense of the Assign	iee, I/we agree to execute all papers, take al	I rightful oaths, testi	ify in all
legal proceedings includ	ing patent prosecution act	tions and infringement actions, and do all o	ther such acts which	ı may be
50 50	convenient for securing a	nd maintaining patents on the foregoing inv	ention or for perfect	ing title
thereto in the Assignee.				
I/We certify that I/we ha	ve the full right to convey	y the above rights.		
	(sign name here)			
Date	(print name here)	Nicolaas, Antonie, VAN RIJSWIJK	, Assignor	
26-6-2018		ata		
Date	(print name here)	Anna, Wilhelmina	, Assignor	
		Maria, WONDERGEM-DE BEST		
Date	(print name here)	René, Theodorus, WEGH	, Assignor	

Page 1 of 1

PATENT REEL: 051352 FRAME: 0122 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 b	nusiness at High Tech Campus	ight, title, and interest in the following to Phi 45, 5656 AE, Eindhoven, the Netherlands, its rely "the Assignee") my/our invention for wh	s successors, assigns, and legal
is executed con	currently herewith		
	y me/us on		
		ving a Serial No.	
was filed on. 2	1 Jun 2018, having an Internati	onal Application No. PCT/EP2018/066603,	
and all rights in an	d to said application, and all ot	her United States, foreign and international p	eatent applications associated
300		refrom including, but not limited to, any and	= -
	**************************************	ns-in-part, re-examinations, reissues, and ext	** T
		e right, title, and interest in and to any and al	
applications.			
any and all Letters legal representativ	Patent when granted, solely to es.	officials in the United States and in any and the Assignee(s), for its sole use, and that of	its successors, assigns, and
-	· ·	he Assignee to enjoy the foregoing right, title	
	-	iee, I/we agree to execute all papers, take all	
		tions and infringement actions, and do all of	
		nd maintaining patents on the foregoing inve	ntion or for perfecting title
thereto in the Assi	gnee.		
**************************************		©	
I/We certify that b	we have the full right to conve	y the above rights.	
3.	(sign name here)		
Date	(print name here)	Nicolaas, Antonie, VAN RIJSWIJK	, Assignor
Date	(print name here)	Anna, Wilhelmina,	, Assignor
28-11-2018	KTODA	Maria, WONDERGEM-DE BEST	TO STATE OF THE ST
Date	(pfint name here)	René, Theodorus, WEGH	Assignor

Page 1 of 1

PATENT REEL: 051352 FRAME: 0123