PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VINCENT STEFAN DAVID GIELEN	10/23/2018
ANNA WILHELMINA MARIA WONDERGEM-DE BEST	10/23/2018
NICOLAAS ANTONIE VAN RIJSWIJK	10/23/2018
RENE THEODORUS WEGH	11/28/2018
GERARDUS EVERARDUS MARIE HANNEN	11/20/2018

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:	16758337

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
Correspondent Name: SIGNIFY HOLDING B.V.
Address Line 1: 465 COLUMBUS AVENUE

Address Line 2: SUITE 330

Address Line 4: VALHALLA, NEW YORK 10595

ATTORNEY DOCKET NUMBER:	2017P80253WOUS
NAME OF SUBMITTER:	DANIEL J. PIOTROWSKI
SIGNATURE:	/DANIEL J. PIOTROWSKI/
DATE SIGNED:	04/22/2020

Total Attachments: 5

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and assign, and transf having a place of bus	er the entire and exclusive riness at High Tech Campus	te acknowledge receipt, the as a below-ham ight, title, and interest in the following to Phil 45, 5656 AE, Eindhoven, the Netherlands, its rely "the Assignee") my/our invention for wh	ips Lighting Holding B.V., successors, assigns, and legal
is executed concu	rrently herewith		
was filed on	, ba	ving a Serial Noonal Application No. PCT/EP2018/078982,	
therewith, based there provisionals division	eon, or claiming priority then s, continuations, continuation	her United States, foreign and international prefrom including, but not limited to, any and a ns-in-part, re-examinations, reissues, and exte e right, title, and interest in and to any and all	all provisionals, non- ensions thereof, and the right to
	•	officials in the United States and in any and a the Assignee(s), for its sole use, and that of it	
extent. Upon request legal proceedings inc	at the expense of the Assign luding patent prosecution ac or convenient for securing a	he Assignee to enjoy the foregoing right, title nee, I/we agree to execute all papers, take all t tions and infringement actions, and do all oth and maintaining patents on the foregoing inver	rightful oaths, testify in all er such acts which may be
	e have the full right to conve	y the above rights.	
73-10-118	(sign name here)	and Completed Company	
Date	(print name here)	Vincent, Stefan, David, GIELEN	, Assignor
Date	(print name here)	Anna, Wilhelmina, Maria, WONDERGEM-DE BEST	, Assignor
Date	(print name here)	Nicolaas, Antonie, VAN RIJSWIJK	, Assignor
Date	(print name here)	René, Theodorus, WEGH	, Assignor

HANNEN

(print name here)

Date

Gerardus, Everardus, Marie,

, Assignor

and assign, and transfer having a place of busine	the entire and exclusive ress at High Tech Campus	ve acknowledge receipt, I/we as a below-nar ight, title, and interest in the following to Ph 45, 5656 AE, Eindhoven, the Netherlands, it vely "the Assignee") my/our invention for w	ilips Lighting Holding B.V., s successors, assigns, and legal
is executed concurre	satte havarrith		
	as on		
•		ving a Serial No.	
		onal Application No. PCI/EP2018/078982	
and all rights in and to s	aid application, and all of	her United States, foreign and international p	patent applications associated
therewith, based thereon	a, or claiming priority ther	refrom including, but not limited to, any and	all provisionals, non-
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		officials in the United States and in any and the Assignee(s), for its sole use, and that of	_
extent. Upon request at legal proceedings include	the expense of the Assign ding patent prosecution ac convenient for securing a	he Assignee to enjoy the foregoing right, titlenee, I/we agree to execute all papers, take all tions and infringement actions, and do all ot and maintaining patents on the foregoing involved.	rightful oaths, testify in all her such acts which may be
I/We certify that I/we h	ave the full right to conve	y the above rights.	
Y) aka	(sign name here)	Nimport CtoSon Thomas CHTT EW	4
Date 23 - 0ct - 2010	(print name here)	Vincent, Stefan, David, GIELEN	, Assignor
Date	(print name here)	Anna, Wilhelmina, Maria, WONDERGEM-DE BEST	, Assignor
Date	(print name here)	Nicolaas, Antonie, VAN RIJSWIJK	, Assignor
Date	(print name here)	René, Theodorus, WEGH	, Assignor
Date	(print name here)	Gerardus, Everardus, Marie, HANNEN	, Assignor

and assign, and to	ransfer the entire and exclusive r	ve acknowledge receipt, I/we as a below-namight, title, and interest in the following to Phi 45, 5656 AE, Eindhoven, the Netherlands, it	ilips Lighting Holding B.V.,
representatives, i	ncluding any nominees (collectiv	vely "the Assignee") my/our invention for w	hich an application:
	oncurrently herewith		
	by me/us on	ving a Seriai No.	
		onal Application No. PCI/EP2018/078982,	
and all rights in a	and to said application, and all ot	her United States, foreign and international p	patent applications associated
therewith, based	thereon, or claiming priority the	refrom including, but not limited to, any and	all provisionals, non-
		ns-in-part, re-examinations, reissues, and ext e right, title, and interest in and to any and al	
	rs Patent when granted, solely to	officials in the United States and in any and the Assignee(s), for its sole use, and that of	~
extent. Upon rec legal proceedings	quest at the expense of the Assign s including patent prosecution ac ble, or convenient for securing a	he Assignee to enjoy the foregoing right, title nee, I/we agree to execute all papers, take all tions and infringement actions, and do all of nd maintaining patents on the foregoing inve	rightful oaths, testify in all her such acts which may be
I/We certify that	I/we have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Vincent, Stefan, David, GIELEN	, Assignor
	· · · · · · · · · · · · · · · · · · ·		
Date	(print name here)	Anna, Wilhelmina, Maria,	, Assignor
23-10-201	18	WONDERGEM-DE BEST	L. Browning
Date	(print name here)	Nicolaas, Antonie, VAN RIJSWIJK	Assignor
Date	(print name here)	René, Theodorus, WEGH	, Assignor

HANNEN

(print name here)

Date

Gerardus, Everardus, Marie,

PATENT REEL: 052469 FRAME: 0392

, Assignor

••	valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell, d transfer the entire and exclusive right, title, and interest in the following to Philips Lighting Holding B.V.,
baving a place	of business at High Tech Campus 45, 5656 AE, Eindhoven, the Netherlands, its successors, assigns, and legal s, including any nominees (collectively "the Assignee") my/our invention for which an application:
is executed	l concurrently herewith
was execut	red by me/us on
was filed or	n, having a Serial No
was filed o	n. 23 Oct 2018, having an International Application No. PCT/EP2018/078982,

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 Assignee(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.

	(sign name here)		
Date	(print name here)	Vincent, Stefan, David, GIELEN	, Assignor
Date	(print name here)	Anna, Wilhelmina, Maria, WONDERGEM-DE BEST	, Assignor
Date 28.11.2018	(print name here)	Nicolaus, Antonie, VAN RIJSWIJK	, Assignor
Date	(print name here)	René, Theodorus, WEGH	, Assignor
Date	(print name here)	Gerardus, Everardus, Marie, HANNEN	, Assignor

Page 1 of 1

		ve acknowledge receipt, I/we as a below-nan	w (// J .
		ight, title, and interest in the following to Phi	
		45, 5656 AE, Eindhoven, the Netherlands, its	- · · · · · · · · · · · · · · · · · · ·
representatives, in	cluding any nominees (collective	vely "the Assignee") my/our invention for wl	nich an application:
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Annon	acurrently herewith		
	by me/us on		
		ving a Serial No.	
⊠ was filed on. 2	3 Oct 2018, having an Internati	ional Application No. PCT/EP2018/078982,	
and all rights in an	nd to said application, and all of	her United States, foreign and international p	satent applications associated
		refrom including, but not limited to, any and	• •
		ns-in-part, re-examinations, reissues, and ext	
		e right, title, and interest in and to any and al	· ·
applications.		<u> </u>	
		officials in the United States and in any and	
		the Assignee(s), for its sole use, and that of i	its successors, assigns, and
legal representativ	es.		
VMA mill mannida			
		he Assignee to enjoy the foregoing right, title	
		nee, I/we agree to execute all papers, take all	
		tions and infringement actions, and do all of	•
		nd maintaining patents on the foregoing inve	ation of for perfecting title
thereto in the Assi	gnee.		
1/We certify that I	we have the full right to conve	y the ahoue rights	
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	(sign name here)		
Date	(print name here)	Vincent, Stefan, David, GIELEN	, Assignor
Date	(print name here)	Anna, Wilhelmina, Maria,	, Assignor
		WONDERGEM-DE BEST	
Date	(print name here)	Nicolaas, Antonie, VAN RIJSWIJK	, Assignor
**************************************	Constant are used to an N	Frank Theodomic 5637 whe	A
Date	(print name here)	René, Theodorus, WEGH	, Assignor
20-11-201	·///·//	- many	
Date	(print name here)	Gerardus, Everardus, Marie,	, Assignor

HANNEN