505910070 02/11/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JORIS HUBERTUS ANTONIUS HAGELAAR	08/13/2018
BERTRAND JOHAN EDWARD HONTELE	08/10/2018
LUCAS LOUIS MARIE VOGELS	08/24/2018

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:	16638235

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:	2017P80275WOUS
NAME OF SUBMITTER:	DANIEL J. PIOTROWSKI
SIGNATURE:	/DANIEL J. PIOTROWSKI/
DATE SIGNED:	02/11/2020

Total Attachments: 3

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PATENT 505910070 REEL: 051782 FRAME: 0881

I/We certify that I/w 13/02/2018 Date Date	(sign name here) (print name here) (print name here)	y the above rights. Johns, Hubertus, Antonius HAGELAAR Bertrand, Johan, Edward HONTELE Lucas, Louis, Marie VOGELS	, Assignor , Assignor , Assignor
13/03/2018 Date	(sign name here) (print name here)	Stris, Hubertus, Antonius HAGELAAR	
13/02/2018	(sign name here)	36ris, Hubertus, Antonius	, Assìgnor
13/02/2018	(sign name here)		
I/We certify that I/w	engae me imi tiku m rawa	,	
araso in i	s house the full wight to comin		
I/We will provide my extent. Upon reques legal proceedings inc	/our cooperation to enable t t at the expense of the Assign duding patent prosecution ac or convenient for securing a	he Assignee to enjoy the foregoing right, titi nee, I/we agree to execute all papers, take al xions and infringement actions, and do all o and maintaining patents on the foregoing inv	e, and interest to the fullest I rightful oaths, testify in all ther such acts which may be
		officials in the United States and in any and the Assignee(s), for its sole use, and that of	
		e right, title, and interest in and to any and a	
therewith, based ther	eon, or claiming priority the	ther United States, foreign and international refrom including, but not limited to, any and as-in-part, re-examinations, reissues, and ex	l all provisionals, non-
		tional Application No. PCT/EP2018/07171	
•	me/us on	wing a Serial No	
		vely "the Assignee") my/our invention for v	
		45, 5656 AE, Eindhoven, the Netherlands, i	tie dixermentiment allere esse allere tiene tiene tiene esse

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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 transf	er the entire and exclusive ri	ght, title, and interest in the following to Phil	ips Lighting Holding B.V.,
having a place of busi	ness at High Tech Campus	45, S656 AE, Eindhoven, the Netherlands, its	successors, assigns, and legal
representatives, includ	ling any nominees (collectiv	rely "the Assignee") my/our invention for wh	ich an application:
is executed concur	rently herewith		
	ne/us on		
		ving a Serial No	*****
		ional Application No. PCT/EP2018/071715,	
and all rights in and to	said application, and all ot	ner United States, foreign and international pa	itent applications associated
therewith, based there	on, or claiming priority ther	efrom including, but not limited to, any and a	ll provisionals, non-
provisionals divisions	, continuations, continuation	is-in-part, re-examinations, reissues, and exte	nsions thereof, and the right to
claim priority thereto,	and the entire and exclusive	eright, title, and interest in and to any and all	patents granted on these
applications.			
any and all Letters Pa legal representatives. I/We will provide my extent. Upon request legal proceedings incl	tent when granted, solely to four cooperation to enable the at the expense of the Assign uding patent prosecution ac or convenient for securing a	officials in the United States and in any and a the Assignec(s), for its sole use, and that of it me Assignee to enjoy the foregoing right, title, see, I/we agree to execute all papers, take all rations and infringement actions, and do all other maintaining patents on the foregoing invertigations.	s successors, assigns, and and interest to the fullest ightful oaths, testify in all er 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)	Joris, Hubertus, Antonius	, Assignor
10/08/2018	The state of the s	# HAGELAAR	; • • • • • • • • • • • • • • • • • • •
Date	(print name here)	Bertrand, Johan, Edward HONTELE	, Assignor
Date	(print name here)	Lucas, Louis, Marie VOGELS	, Assignor

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PATENT REEL: 051782 FRAME: 0883 to

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

_	_	ght, title, and interest in the following to Philip	
		5, \$656 AE, Eindhoven, the Netherlands, its sely "the Assignee") my/our invention for which	
is executed concurren	tly herewith		
was executed by me/u			
		ing a Serial No onal Application No. PCT/EP2018/671715,	<i></i>
and all rights in and to sa therewith, based thereon, provisionals divisions, co	id application, and all oth or claiming priority there intinuations, continuation	er United States, foreign and international pat from including, but not limited to, any and al s-in-part, re-examinations, reissues, and exten right, title, and interest in and to any and all p	l provisionals, non- isions thereof, and the right to
		officials in the United States and in any and all the Assignee(s), for its sole use, and that of its	=
extent. Upon request at t legal proceedings includi	he expense of the Assignong patent prosecution act	e Assignee to enjoy the foregoing right, title, ee, I/we agree to execute all papers, take all ri ions and infringement actions, and do all othe d maintaining patents on the foregoing invent	ghtful oaths, testify in all r such acts which may be
I/We certify that I/we have	ve the full right to convey	the above rights.	
	(sign name here)		
Date	(print name here)	Joris, Hubertus, Antonius HAGELAAR	, Assignor
Date 8-24-208	(print name here)	Bertrand, Johan, Edward HONTELE	, Assignor
Date	(print name here)	Lucas, Louis, Marie VOGELS	, Assignor

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