505780338 11/19/2019

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5827164

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VINCENT STEFAN DAVID GIELEN	05/15/2018
RICK GERHARDUS NIJKAMP	09/27/2018

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:	16614833

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: 731-652-4203

Email: jo.cangelosi@signify.com

Correspondent Name: SIGNIFY NORTH AMERICA CORPORATION

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VALHALLA, NEW YORK 10595 Address Line 4:

ATTORNEY DOCKET NUMBER:	2017P80104WOUS
NAME OF SUBMITTER:	DANIEL J. PIOTROWSKI
SIGNATURE:	/DANIEL J. PIOTROWSKI/
DATE SIGNED:	11/19/2019

Total Attachments: 2

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PATENT REEL: 051046 FRAME: 0506 505780338

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 th	ie entire and exclusive ri	ght, title, and interest in the following to Ph	ulips Lighting Holding B.V.,
having a place of business	s at High Tech Campus	15, 5656 AE, Eindhoven, the Netherlands, i	ts successors, assigns, and legal
representatives, including	any nominees (collective	rely "the Assignee") my/our invention for w	rhich an application:
is executed concurrent	ly herewith		
was executed by me/u		*******************************	
		ving a Serial No	********
		ional Application No. PCT/EP2018/06244	
and all rights in and to sai	d application, and all ot	ner United States, foreign and international	patent applications associated
therewith, based thereon,	or claiming priority ther	efrom including, but not limited to, any and	l all provisionals, non-
provisionals divisions, co	ntinuations, continuation	ns-in-part, re-examinations, reissues, and ex	tensions thereof, and the right to
claim priority thereto, and applications.	l the entire and exclusive	e right, title, and interest in and to any and a	ll patents granted on these
•		officials in the United States and in any and the Assignce(s), for its sole use, and that of	-
extent. Upon request at the legal proceedings including	be expense of the Assigning patent prosecution ac	ne Assignee to enjoy the foregoing right, tit nee, I/we agree to execute all papers, take al tions and infringement actions, and do all o and maintaining patents on the foregoing inv	l rightful oaths, testify in all ther such acts which may be
I/We certify that I/we hav	e the full right to conve	y the above rights.	
15-5-18	(sign name here)	Carried Control	
Date	(print name here)	Vincent, Stefan, David GIELEN	, Assignor
Date	(print name here)	Rick, Gerhardus NIJKAMP	, Assignor

Page 1 of 1

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 busines	s at High Tech Campus 4:	th, title, and interest in the following to P 5, 5656 AE, Eindhoven, the Netherlands, ty "the Assignee") my/our invention for	its successors, assigns, and legal
is executed concurren	tly herewith		
	is or		
was filed on	, bayi	ng a Serial No	**********
was filed on 15 May	2018, having an Internation	onal Application No. PCT/EP2018/0624	49,
and all rights in and to sa	id application, and all othe	er United States, foreign and international	l patent applications associated
therewith, based thereon,	or claiming priority there	from including, but not limited to, any an	d all provisionals, non-
provisionals divisions, co	ntinuations, continuations	i-in-part, re-examinations, reissues, and e	xtensions thereof, and the right to
claim priority thereto, and applications.	d the entire and exclusive	right, title, and interest in and to any and	all patents granted on these
		fficials in the United States and in any an ne Assignee(s), for its sole use, and that o	
extent. Upon request at the legal proceedings includi	he expense of the Assigne ng patent prosecution acti	Assignce to enjoy the foregoing right, to be, I/we agree to execute all papers, take a ons and infringement actions, and do all o I maintaining patents on the foregoing in	all rightful oaths, testify in all other such acts which may be
I/We certify that I/we hav	ve the full right to convey	the above rights.	
24 /09 /2018	(sign name here)		
Date	(print name here)	Vincent, Stefan, David GIELEN	, Assignor
Date	(print name here)	Rick, Gerhardus NIJKAMP	, Assignor
27/09/	2018	Page 1 of the Rich n	zlanp

PATENT REEL: 051046 FRAME: 0508