PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6547338

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
VINCENT VANBROEKHOVEN	12/04/2018
ROELOF KOOLE	05/19/2020
BART ALEX THERESIA DILLES	01/02/2019
JOHN-JOHN PIETER JAN VAN DEN BERGH	01/06/2019

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:	16763455	

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: 732 874-3542

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:	2017P80333WOUS
NAME OF SUBMITTER:	DANIEL J. PIOTROWSKI
SIGNATURE:	/DANIEL J. PIOTROWSKI/
DATE SIGNED:	02/11/2021

Total Attachments: 4

source=2017P80333WOUS_ASSIGNMENT#page1.tif source=2017P80333WOUS_ASSIGNMENT#page2.tif

PATENT 506500563 REEL: 055232 FRAME: 0308

source=2017P80333WOUS_ASSIGNMENT#page3.tif source=2017P80333WOUS_ASSIGNMENT#page4.tif

PATENT REEL: 055232 FRAME: 0309

U.S.A. Sole/Joint

ASSIGNMENT

Docket No. 2017P80333WOUS

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
was filed on: 13 Nov 2018, having an International Application No. PCT/EP2018/081026,

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.

x A

I/We certify that I/we have the full right to convey the above rights.

4 Dec 2018	(sign name here)	The state of the s	
Date	(print name here)	Vincent VANBROEKHOVEN	Assignor
Date	(print name here)	Rociof KOOLE	Assignor
Date	(print name here)	Bart, Alex, Theresia DILLES	Assignor
Date	(print name here)	John-John, Pieter, Jan VAN DEN	Assignor

Page 1 of 1

and assign, and transfer having a place of busin	the entire and exclusive ress at High Tech Campus	ve acknowledge receipt, I/we as a below-nanight, title, and interest in the following to Ph 45, 5656 AE, Eindhoven, the Netherlands, it wely "the Assignee") my/our invention for w	ilips Lighting Holding B.V., s successors, assigns, and legal
is executed concurr	ently herewith		
	/us on		
		ving a Serial No	
was filed on, 13 No	v 2018, having an Internat	ional Application No. PCT/EP2018/081026	·
therewith, based thereo provisionals divisions,	n, or claiming priority the continuations, continuations	her United States, foreign and international perform including, but not limited to, any and as-in-part, re-examinations, reissues, and extending title, and interest in and to any and a	all provisionals, non- ensions thereof, and the right to
• • • • • • • • • • • • • • • • • • • •		officials in the United States and in any and the Assignee(s), for its sole use, and that of	······································
extent. Upon request a legal proceedings inclu	t the expense of the Assign ding patent prosecution ac convenient for securing a	ne Assignee to enjoy the foregoing right, title nee, I/we agree to execute all papers, take all tions and infringement actions, and do all ot and maintaining patents on the foregoing inve	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.	
	(sign name here)		
Date	(print name here)	Vincent VANBROEKHOVEN	, Assignor
14-65-20	· · · · · · · · · · · · · · · · · · ·		
Date	(print name here)	Roelof KOOLE	, Assignor
Date	(print name here)	Bart, Alex, Theresia DH.LES	, Assignor
Date	(print name here)	John-John, Pieter, Jan VAN DEN	Assignor

Page 1 of 1

BERGH

U.S.A. Sole/Joint

ASSIGNMENT

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 lega
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 hoving a Serial Nohoving a Serial No	بالتباليات
was filed on. 13 Nov 2018, having an International Application No. PCT/EP2018/08102	8,

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-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, teatify 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 VANBROEKHOVEN	Assignm
Daje	(print name here)	Rectof KOOLE	, Assignor
02/01/2019	March Dillay		C. Jackson
Date	(print name here)	Bart, Alex, Theresia DILLES	Assignor
Date	(print name here)	John-John, Pieter, Jan VAN DEN BERGH), Assignm

Page 1 of 1

U.S.A. Subschaue		ANNUAL	Decks %: 2017P80333WCQ8
		en alternatively and up a transport of the second of the s	
An expensed his section of the secti		ring a Sected Sci- constitution of Sci. PC F F P20180	eritiza.
	contract of the second priority than the second priority is a second priority of the second priority of the second priority of the second priority is a second priority of the second priority in the second priority is a second priority in the second pri	her Cornel Case, in organish member of the excluding his new landed to a memper of economics, reconsti- offic, tale, and increas possed to any	
	Patrick when grammed, unless to	officials in the Loried States and mar the disagreesy, for its sole use, and	
eren Tipor eque essi proceduro in	at a figuration of the energy of taking proper process or or or or constraint in securing a		and of the parties and a second and all the parties and the parties and
PACOUNT PROPERTY	the full right to conserve the full right.	of the otherse sight.	
Tare .	hang arming page. Technical page.	Control VANDEGERHOVEN	Antena
Sec	anne nome fores	Empl ROTE	A Company
	parameter.	Bart, \$40, \$40000 \$18.3.74	Assistant .
(SPE	Description (Co.)	John John Print: Dar VAN SH BERGH	* Assets
		Fage 1 of 1	

RECORDED 1994 (2021) 313