

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4535961

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ROBERT VAN ASSELT	01/02/2016
MARK JOHANNES ANTONIUS VERHOEVEN	01/27/2016
JORIS JAN VREHEN	01/26/2016
GERARDUS FRANCISCUS CORNELIS MARIA LIJTEN	01/28/2016
LAURENS BAX	01/27/2016
CHRIS VAN DEN EERENBEEMD	07/05/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KONINKLIJKE PHILIPS N.V.
<b>Street Address:</b>	HIGH TECH CAMPUS 5
<b>City:</b>	EINDHOVEN
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	5656 AE
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15548025
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(914)495-9570
<i>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.</i>	
<b>Phone:</b>	781 418-9342
<b>Email:</b>	jo.cangelosi@philips.com
<b>Correspondent Name:</b>	PHILIPS LIGHTING HOLDING B.V.
<b>Address Line 1:</b>	465 COLUMBUS AVENUE
<b>Address Line 2:</b>	SUITE 330
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<b>ATTORNEY DOCKET NUMBER:</b>	2015P00102WOUS
<b>NAME OF SUBMITTER:</b>	DANIEL J. PIOTROWSKI
<b>SIGNATURE:</b>	/Daniel J. Piotrowski/
<b>DATE SIGNED:</b>	08/04/2017

**Total Attachments: 8**

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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 transfer the entire and exclusive right, title, and interest in the following to Koninklijke Philips N.V., having a place of business at High Tech Campus 5,5656 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. **25 Jan 2016**, having an International Application No. **PCT/EP2016/051413**,

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.

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

<u>1-2-2016</u>	(sign name here)		
Date	(print name here)	<b>Robert VAN ASSELT</b>	, Assignor
_____	(sign name here)	_____	
Date	(print name here)	<b>Mark Johannes Antonius VERHOEVEN</b>	, Assignor
_____	(sign name here)	_____	
Date	(print name here)	<b>Joris Jan VREHEN</b>	, Assignor
_____	(sign name here)	_____	
Date	(print name here)	<b>Gerardus Franciscus Cornelis Maria LIJTEN</b>	, Assignor
_____	(sign name here)	_____	
Date	(print name here)	<b>Laurens BAX</b>	, Assignor
_____	(sign name here)	_____	
Date	(print name here)	<b>Chris VAN DEN EERENBEEMD</b>	, Assignor

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..... Date	(sign name here) ..... (print name here)	Robert VAN ASSELT	..... , Assignor
<i>2016-01-17</i> Date	(sign name here) ..... (print name here)	<i>[Signature]</i> Mark Johannes Antonius VERHOEVEN	..... , Assignor
..... Date	(sign name here) ..... (print name here)	Joris Jan VREHEN	..... , Assignor
..... Date	(sign name here) ..... (print name here)	Gerardus Franciscus Cornelis Maria LIJTEN	..... , Assignor
	(sign name here) .....		

.....  
Date

.....  
(print name here)

.....  
Laurens BAX

.....  
, Assignor

.....  
(sign name here)

.....  
Date

.....  
(print name here)

.....  
Chris VAN DEN EERENBEEMD

.....  
, Assignor

Page 2 of 2

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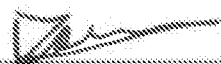
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..... Date	(sign name here) ..... (print name here)	..... Mark Johannes Antonius VERHOEVEN	..... , Assignor
<i>January 26, 2016</i> Date	(sign name here) ..... (print name here)	.....  Joris Jan VREHEN	..... , Assignor
..... Date	(sign name here) ..... (print name here)	..... Gerardus Franciscus Cornelis Maria LIJTEN	..... , Assignor
..... Date	(sign name here) ..... (print name here)	..... Laurens BAX	..... , Assignor
..... Date	(sign name here) ..... (print name here)	..... Chris VAN DEN EERENBEEMD	..... , Assignor



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.....	(sign name here)	.....	.....
Date	(print name here)	Robert VAN ASSELT	, Assignor

.....	(sign name here)	.....	.....
Date	(print name here)	Mark Johannes Antonius VERHOEVEN	, Assignor

.....	(sign name here)	.....	.....
Date	(print name here)	Joris Jan VREHEN	, Assignor

<u>28 Jan 2016</u>	(sign name here)	.....	.....
Date	(print name here)	Gerardus Franciscus Cornelis Maria LIJTEN	 Assignor

.....	(sign name here)	.....	.....
Date	(print name here)	Laurens BAX	, Assignor

.....	(sign name here)	.....	.....
Date	(print name here)	Chris VAN DEN EERENBEEMD	, Assignor



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..... Date	(sign name here) ..... (print name here)	Joris Jan VREHEN	..... , Assignor
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..... Date	(sign name here) ..... (print name here)	Gerardus Franciscus Cornelis Maria LIJTEN	..... , Assignor
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27-1-2016 Date	(sign name here) ..... (print name here)	 Laurens Bax	..... , Assignor
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..... Date	(sign name here) ..... (print name here)	Chris VAN DEN EERENDEEMD	..... , Assignor
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..... Date	(sign name here) ..... (print name here)	Laurens BAX	..... , Assignor
5-july 2017 Date	(sign name here) ..... (print name here)	 Chris VAN DEN EERENBEEMD	..... , Assignor