503737097 03/15/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LUCAS JOSEF MARIA SCHLANGEN	10/06/2014
GABRIELLE JOHANNA BERNARDA MARIA MEEKES	10/02/2015
JOHANNES PETRUS WILHELMUS BAAIJENS	02/10/2015

RECEIVING PARTY DATA

Name:	KONINKLIJKE PHILIPS N.V.		
Street Address:	HIGH TECH CAMPUS 5		
City:	EINDHOVEN		
State/Country:	NETHERLANDS		
Postal Code:	5656 AE		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15021985

CORRESPONDENCE DATA

Fax Number: (914)332-0615

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: 914 3339642

Email: jo.cangelosi@philips.com **Correspondent Name:** PHILIPS LIGHTING B.V.

Address Line 1: P.O. BOX 3001

Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510

ATTORNEY DOCKET NUMBER:	2012P00894WOUS
NAME OF SUBMITTER:	DANIEL J. PIOTROWSKI
SIGNATURE:	/DANIEL J. PIOTROWSKI/
DATE SIGNED:	03/15/2016

Total Attachments: 3

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PATENT 503737097 REEL: 037979 FRAME: 0934

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 e	xecuted co	oncurrently herewith
	was	executed	by me/us on
	was	filed on.	, having a Serial No
X	was	filed on.	17 Sep 2014, having an International Application No. PCT/EP2014/069744,

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.

6 Oct 2014	(sign name here)	V.	
Date	(print name here)	Lucardosef Maria SCHLANGEN	, Assignor
Date	(print name here)	Gabrielle Johanna Bernarda Maria MEEKES	, Assignor
Date	(print name here)	Johannes Petrus Wilhelmus	, 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,

		ight, title, and interest in the following to Kor	
		AE, Eindhoven, the Netherlands, its successo	
representatives, including	g any nominees (collectiv	ely "the Assignee") my/our invention for wh	iich an application:
is executed concurren	itler kannenii k		
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		ving a Serial No.	
		onal Application No. PCT/EP2014/069744,	******
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claim priority thereto, an	d the entire and exclusive	e right, title, and interest in and to any and all	patents granted on these
applications.			
		officials in the United States and in any and a	
	t when granted, solely to	the Assignee(s), for its sole use, and that of i	ts successors, assigns, and
legal representatives.			
V/We will provide my/ou	r cooneration to enable ti	ne Assignee to enjoy the foregoing right, title	and interest to the fullect
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		tions and infringement actions, and do all oth	
		nd maintaining patents on the foregoing inver	· ·
thereto in the Assignee.			
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I/We certify that I/we has	ve the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Lucas Josef Maria SCHLANGEN	, Assignor
10-02-2015			
Date	(print name here)	Gabrielle Johanna Bernarda Maria	, Assignor
***************************************		MEEKES	
Date	(print name here)	Johannes Petrus Wilhelmus	, Assignor
		Baaijens	
		Page 1 of 1	

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was executed	by me/us on		
was filed on	, ha	ving a Serial No.	
was filed on.	17 Sep 2014, having an Internati	onal Application No. PCT/EP2014/069744,	
and all rights in a	and to said application, and all ot	her United States, foreign and international p	atent applications associated
		efrom including, but not limited to, any and	
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claim priority the applications.	reto, and the entire and exclusiv	e right, title, and interest in and to any and all	patents granted on these
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extent. Upon req 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 oth nd maintaining patents on the foregoing inve	rightful oaths, testify in all ner 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)	Lucas Josef Maria SCHLANGEN	, Assignor
Date	(print name here)	Gabrielle Johanna Bernarda Maria MEEKES	, Assignor
Date	(philodope here)	Johannes Petrus Wilhelmus	, Assignor
10-february 2015	Automorphism .	BAAIJENS //j	
2015		Page 1 of 1	

PATENT REEL: 037979 FRAME: 0937