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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JULIA DELOS AYLLON	10/13/2014
TONI LOPEZ	10/13/2014
MACHIEL ANTONIUS MARTINUS HENDRIX	10/03/2014
EDUARDO-JOSE ALARCON COT	10/06/2014

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:	15023242

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: 9143339615

Email: gigi.miller@philips.com PHILIPS LIGHTING B.V. **Correspondent Name:**

Address Line 1: P.O. BOX 3001

Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510-8001

ATTORNEY DOCKET NUMBER:	2014P01118WOUS
NAME OF SUBMITTER:	GIGI MILLER
SIGNATURE:	/GIGI MILLER/
DATE SIGNED:	03/18/2016

Total Attachments: 4

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PATENT REEL: 038035 FRAME: 0215

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	executed concurrently herewith
wa	s executed by me/us on
wa	s filed on, having a Serial No
🛛 wa	s filed on, 18 Sep 2014, having an International Application No. PCT/IB2014/064626,

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 Assignce.

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

13/021/2014	(sign name here)	Aurio Des operios	
Date	(print name here)	Jama DELOS ATTLON	, Assignor
	(sign name here)		
Date	(print name here)	Toni LOPEZ	, Assignor
	(sign name here)		
Date	(print name here)	Machiel Antonius Martinus HENDRIX	, Assignor
	(sign name here)		
Date	(print name here)	Eduardo-Jose ALARCON COT	, Assignor

-		we acknowledge receipt, I/we as a below-na ight, title, and interest in the following to K	** ', ', '
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==		vely "the Assignee") my/our invention for v	
is executed concu	crently herewith		
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and all rights in and t	o said application, and all of	her United States, foreign and international	patent applications associated
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claim priority thereto applications.	, and the entire and exclusiv	e right, title, and interest in and to any and a	all patents granted on these
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legal representatives.	iche when granien, sonery w	the resignee(s), for its sore use, and that o.	no successors, assigns, and
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extent. Upon request	at the expense of the Assign	nee, I/we agree to execute all papers, take al	I rightful oaths, testify in all
legal proceedings inc	luding patent prosecution ac	tions and infringement actions, and do all o	ther such acts which may be
necessary, desirable,	or convenient for securing a	nd maintaining patents on the foregoing inv	ention or for perfecting title
thereto in the Assigno	e.		
I/We certify that I/we	have the full right to conve	y the above rights.	
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Date	(print name here)	Julià DELOS AYLLON	, Assignor
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Date	(print name here)	Tone ECPLZ	, Assignor
	(sign name here)		
Date	(print name here)	Machiel Antonius Martinus HENDRIX	, Assignor
	(sign name here)		
Date	(print name here)	Eduardo-Jose ALARCON COT	, Assignor

Page 1 of 1

PATENT REEL: 038035 FRAME: 0217 For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell,

a place of business at I	High Tech Campus 5,5656	right, title, and interest in the following to F AE, Eindhoven, the Netherlands, its succeively "the Assignee") my/our invention for	ssors, assigns, and legal
is executed concurr	ently herewith		
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was filed on	, h	aving a Serial No.	
was filed on 18 Se	p 2014, having an Internat	ional Application No. PCT/IB2014/06462	6,
and all rights in and to	said application, and all o	ther United States, foreign and internationa	l patent applications associated
therewith, based therec	on, or claiming priority the	refrom including, but not limited to, any an	d all provisionals, non-
provisionals divisions,	continuations, continuation	ons-in-part, re-examinations, reissues, and e	xtensions thereof, and the right to
claim priority thereto, applications.	and the entire and exclusiv	e right, title, and interest in and to any and	all patents granted on these
•		officials in the United States and in any an the Assignee(s), for its sole use, and that o	•
extent. Upon request a legal proceedings inclu	t the expense of the Assig ding patent prosecution ac convenient for securing a	he Assignee to enjoy the foregoing right, to nee, I/we agree to execute all papers, take a ctions and infringement actions, and do all o and maintaining patents on the foregoing in	ll rightful oaths, testify in all other such acts which may be
I/We certify that I/we h	nave the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Julià DELOS AYLLON	, Assignor
	(sign name here)		
Date	(print name here)	Toni LOPEZ	, Assignor
Dato	dum name nere)	100 A 0	, Assignui
Oct 3 2014	(sign name here)		l
<u> </u>	(print name here)	- Attorby (Antonia Artirinus HYNDRIX	, Assignor
	(sign name here)		
Date	(print name here)	Eduardo-Jose ALARCON COT	, Assignor

and assign, and transfe a place of business at I	r the entire and exclusive r figh Tech Campus 5,5656	we acknowledge receipt, I/we as a below ight, title, and interest in the following to AE, Eindhoven, the Netherlands, its soc vely "the Assignee") my/our invention fo	Koninklijke Philips N.V., having cessors, assigns, and legal
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claim priority thereto,	and the entire and exclusiv	e right, litte, and interest in and to any a	id all patents granted in these
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		officials in the United States and in any the Assignee(s), for its sole use, and tha	
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I/We certify that I/we	have the full right to conve	y the above rights.	
	(sign name bere)		
Date	(print name here)	Juliá DELOS AYLLON	, Assignor
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	(sign name here)		
Daie	(print name here)	Toni LOPEZ	, Assignor
	(sign name here)		
Date	(print name here)	Machiel Antonius Martinus	, Assignor
		HENDRIX	
10-4-2016	(sign name here)		
Company Roll Bulletin Section 5	Southern comments were all	2000 C. S.	

Page 1 of 1

Eduardo-Jose ALARCON COT

, Assignor

(print name here)

Date