504356552 05/08/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4403243

		NEW ASSIGNMENT			
NATURE OF CONVEYA	NCE:	ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	ΑΤΑ				
		Name			Execution Date
OSCAR GARCIA MOR	CHON				01/07/2016
ALAN PESTRIN					07/06/2015
KUMAR ARULANDU					07/03/2015
RECEIVING PARTY D	ΑΤΑ				
Name:	KONIN	KLIJKE PHILIPS N.V.			
Street Address:	HIGH 7	ECH CAMPUS 5			
City:	EINDH	OVEN			
State/Country:		RLANDS			
Postal Code:	5656 A				
Application Number: 155					
Application Number:		15501051			
CORRESPONDENCE I Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	be sent to provideo	<i>the e-mail address first;</i> <i>if that is unsuccessful,</i> 914-495-9561 gigi.miller@philips.com PHILIPS LIGHTING INTEL 465 COLUMBUS AVENUE SUITE 330	it will be ser	nt via US	Mail.
CORRESPONDENCE I Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1:	be sent to provideo	<i>the e-mail address first;</i> <i>I; if that is unsuccessful,</i> 914-495-9561 gigi.miller@philips.com PHILIPS LIGHTING INTEL 465 COLUMBUS AVENUE	it will be ser	nt via US	Mail.
CORRESPONDENCE I Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	be sent to provideo	<i>the e-mail address first;</i> <i>if that is unsuccessful,</i> 914-495-9561 gigi.miller@philips.com PHILIPS LIGHTING INTEL 465 COLUMBUS AVENUE SUITE 330	it will be ser	nt via US	Mail.
CORRESPONDENCE I Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	be sent to provideo	<i>the e-mail address first;</i> <i>; if that is unsuccessful,</i> 914-495-9561 gigi.miller@philips.com PHILIPS LIGHTING INTEL 465 COLUMBUS AVENUE SUITE 330 VALHALLA, NEW YORK 1	it will be ser	nt via US	Mail.
CORRESPONDENCE I Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	be sent to provideo	<i>the e-mail address first;</i> <i>if that is unsuccessful,</i> 914-495-9561 gigi.miller@philips.com PHILIPS LIGHTING INTEL 465 COLUMBUS AVENUE SUITE 330 VALHALLA, NEW YORK 1 2014P01777WOUS	it will be ser	nt via US	Mail.

source=2014P01777WOUS_EXECUTED_ASS#page1.tif source=2014P01777WOUS_EXECUTED_ASS#page2.tif source=2014P01777WOUS_EXECUTED_ASS#page3.tif

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 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 er	xecuted co	ncurrently herewith
	was	executed	by me/us on
	was	filed on.	, having a Serial No.
\boxtimes	was	filed on.	D1 Jul 2015, having an International Application No. PCT/EP2015/065017,

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.

7/1/2016	Oscar Garcia Morcho (sign name here)	n Ang	
Date	(print name here)	Osear GARCÍA MORCHON	, Assignor
	(sign name here)		
Date	(print name here)	Alan PESTRIN	, Assignor
	(sign name here)		
Date	(print name here)	Kumar ARULANDU	, Assignor

UsS.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 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, having a Serial No.
was filed on. 01 Jul 2015, having an International Application No. PCT/EP2015/065017,

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, nonprovisionals 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, solutly 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 conventent 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)	Oscar GARCIA MORCHON	, Assignor
<u>04-03-2015</u> Date	(sign name here) (print name here)	Alan PESTRIN	, Assignor
	(sign name here)		
Dame	(print name here)	Kumar ARULANDU	Assignor

Page 1 of 1

PATENT REEL: 042281 FRAME: 0258

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 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. 01 Jul 2015, having an International Application No. PCT/EP2015/065017,

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.

	(sign name here)		
Date	(print name here)	Oscar GARCIA MORCHON	, Assignor
	(sign name here)		
Dute	(print name here)	Alan PESTRIN	, Assignor
<u>-03072015</u> Date	(sign name here) (print name here)	Jan Lander	, Assignor

Page 1 of 1

PATENT REEL: 042281 FRAME: 0259

RECORDED: 05/08/2017