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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
FRANK BERGNER	06/30/2014
ROLF DIETER BIPPUS	06/30/2014
BERNHARD JOHANNES BRENDEL	06/30/2014
MICHAEL GRASS	06/27/2014
CRISTIAN LORENZ	06/27/2014
THOMAS KOEHLER	06/27/2014

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:	14896827	

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SIGNATURE:	/Douglas B. McKnight/
DATE SIGNED:	12/08/2015

Total Attachments: 2

PATENT REEL: 037239 FRAME: 0362

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PATENT REEL: 037239 FRAME: 0363

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 exec	uted concurrently herewith
was ex	ecuted by me/us on
was file	ed on, having a Serial No.
was file	ed on. 26 Jun 2014, having an International Application No. PCT/EP2014/063589,

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.

7.014-06-30	(sign name here)	Devalue -	
Date	(print name here)	Frank SERGNER	, Assignor
2014-06-30	Ro4-0. Bippus	1. 672	
Date	(print name here)	Rolf Diefer BIPPUS	, Assignor
7014-06-30		S. Bredd	
Date	(print name here)	Bernhard Johannes BRENDEL	, Assignor
Date	(print name here)	Michael GRASS	, Assignor
2014-06-27		Chati	
Date	(print name here)	Cristian LORENZ	, Assignor
27.6.79		12360-	
Date	(print name here)	Thomas KOEHLER	, Assignor

and assign, and trac	sfer the entire and exclusive ri at High Tech Campus 5,56567	re acknowledge receipt, I/we as a below-neight, title, and interest in the following to K AE, Eindhoven, the Netherlands, its successely "the Assignee") my/our invention for v	oninklijke Philips N.V., having sors, assigns, and legal
was filed on	/ me/us on, hav	ving a Serial Noonal Application No. PCT/EP2014/06358	
therewith, based the provisionals division	ercon, or claiming priority ther ons, continuations, continuation	ner United States, foreign and international efrom including, but not limited to, any an as-in-part, re-examinations, reissues, and earight, title, and interest in and to any and	d all provisionals, non- ktensions thereof, and the right to
	Patent when granted, solely to	officials in the United States and in any an the Assignee(s), for its sole use, and that c	
extent. Upon reque legal proceedings i	est at the expense of the Assign neluding patent prosecution ac e, or convenient for securing a	ne Assignee to enjoy the foregoing right, ti nee, I/we agree to execute all papers, take a tions and infringement actions, and do all a 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 have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Frank BERGNER	, Assigner
Date	(print name here)	Rolf Dieter BIPPUS	, Assignor
Date 74/6/14	(print name here)	Bernhard Johannes BRENDEL	, Assignor
Date	(print name here)	Michael CRASS	, Assignor
Date	(print name here)	Cristian LORENZ	, Assignor

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Thomas KOEHLER

PATENT REEL: 037239 FRAME: 0365

, Assignor

(print name here)

Date