PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3503455

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
ROBERT JOSEPH SCHNEIDER	02/18/2014
DAVID PRATER	02/13/2014
WILLIAM ROBERT MARTIN	02/14/2014
SCOTT WILLIAM DIANIS	02/13/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14771231	

CORRESPONDENCE DATA

Fax Number:

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: 914-945-6000

Email: MARIANNE.FOX@philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

Address Line 1: P.O. BOX 3001

Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510

NAME OF SUBMITTER:	CHRISTOPHER L. KUYPER	
SIGNATURE:	/CHRISTOPHER L. KUYPER/	
DATE SIGNED:	08/28/2015	

Total Attachments: 4

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> PATENT REEL: 036444 FRAME: 0977

to

thereto in the Assignee.

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), herekand assign, and transfer the entire and exclusive right, title, and interest in the following to Koninklijke Philips N.V. 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:			
ĺ	is executed concurrently herewith		
(was executed by me/us on		
[was filed on, having a Serial No		
Č	was filed on. 31 Jan 2014, having an International Application No. PCT/IB2014/058694,		
1	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 claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.		
8	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

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

Feb 18 2014	(sign name here)	Robert Toront Schmid	\$
Date /	(print name here)	Robert Joseph SCHNEIDER	, Assignor
	(sign name here)		
Date	(print name here)	David PRATER	, Assignor
	(sign name here)		
Date	(print name here)	William Robert MARTIN	, Assignor
	(sign name here)		
Note	(print name here)	Scott William DIANIS	Assignor

Page 1 of 1

and assign, and tran	nsfer the entire and exclusive ri at High Tech Campus 5,5656	we acknowledge receipt, I/we as a below-night, title, and interest in the following to MAE, Eindhoven, the Netherlands, its succeively "the Assignee") my/our invention for	Coninklijke Philips N.V., having ssors, assigns, and legal
is executed cond	currently herewith		
	y me/us on		
		ving a Serial No	
was filed on. 31	Jan 2014, having an Internati	onal Application No. PCT/IB2014/05869	4,
and all rights in and	I to said application, and all of	her United States, foreign and internationa	l patent applications associated
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claim priority there	to, and the entire and exclusive	e right, title, and interest in and to any and	all patents granted on these
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legal representative	- ' '		,,,,
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•	•	ne Assignee to enjoy the foregoing right, ti	
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• •	•	nd maintaining patents on the foregoing in	vention or for perfecting title
thereto in the Assig	nee.		
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	(sign name here)		EXILOR
Date	(print name here)	Robert Joseph SCHNEIDER	, Assignor
13 Fel 2014	(sign name here)	DIPA	
13 Fel 2014 Date	(print name here)	David PRATER	, Assignor
	-		
	(sign name here)		
Date	(print name here)	William Robert MARTIN	, Assignor

Page 1 of 1

Scott William DIANIS

(sign name here)
(print name here)

Date

, Assignor

and assign, and to a place of busine	ransfer the entire and exclusive as at High Tech Campus 5,5656	we acknowledge receipt, I/we as a below- right, title, and interest in the following to AE, Eindhoven, the Netherlands, its succe	Koninklijke Philips N.V., having essors, assigns, and legal
representatives, i	ncluding any nominees (collecti	vely "the Assignee") my/our invention for	which an application:
is executed co	oncurrently herewith		
was executed	by me/us on	•••••••	
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legal representati			
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extent. Upon req	uest at the expense of the Assig	nee, I/we agree to execute all papers, take	all rightful oaths, testify in all
legal proceedings	including patent prosecution ac	ctions and infringement actions, and do all	other such acts which may be
necessary, desiral	ble, or convenient for securing a	nd maintaining patents on the foregoing in	avention or for perfecting title
thereto in the Ass	signee.		
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D we ceruly that .	I/we have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Robert Joseph SCHNEIDER	, Assignor
	(sign name here)		
Date	(print name here)	David PRATER	, Assignor
	-		
2/14/2014	(sign name here)	William Make	
Date	(print name here)	William Robert MARTIN	, Assignor
	(sign name here)		
Date	(print name here)	Scott William DIANIS	, Assignor
			-

Page 1 of 1

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, having a Serial No
Ø	was filed on. 31 Jan 2014, having an International Application No. PCT/IB2014/058694.

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)	Robert Joseph SCHNEIDER	, Assignor
	(sign name here)		
Date	(print name here)	David PRATER	, Assignor
	(sign name here)		
Date	(print name here)	William Robert MARTIN	, Assignor
2/13/2014	(sign name here)		
Date	(print name here)	Scott William DIANIS	, Assignor

Page 1 of 1

PATENT REEL: 036444 FRAME: 0981

RECORDED: 08/28/2015