PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3685695

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NILANJANA BANERJEE	12/06/2013
NEVENKA DIMITROVA	12/06/2013
VINAY VARADAN	09/30/2015
SITHARTHAN KAMALAKARAN	12/06/2013
ANGEL JANEVSKI	01/05/2016
SAYAN MAITY	12/04/2013

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:	14443786	

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.

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PHILIPS INTELLECTUAL PROPERTY & STANDARD **Correspondent Name:**

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Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510

ATTORNEY DOCKET NUMBER:	2012P01774WOUS
NAME OF SUBMITTER:	JONATHAN ZHENG LIN
SIGNATURE:	/JONATHAN ZHENG LIN/
DATE SIGNED:	01/07/2016

Total Attachments: 4

PATENT REEL: 037431 FRAME: 0553

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PATENT REEL: 037431 FRAME: 0554 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.
X	was filed on, 25 Oct 2013, having an International Application No. PCT/IB2013/059663,

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.

12/6/13	(sign name here)	NilaBarryre	
Date	(print name here)	Nilanjana BANERJKŽ	, Assignor
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Date	(print name here)	Neveska DIMITROVA	, Assignor
	(sign name here)		
Date	(print name here)	Vinay VARADAN	, Assignor
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Date	(print name here)	Sitharthan KAMALAKARAN	, Assignor
	(sign name here)		
Date	(print name here)	Angel JANEVSKI	, Assignor
	(sign name here)		
Date	(print name here)	Sayan MAITY	, Assignor

and assign, and tr	ansfer the entire and exclusive	/we acknowledge receipt, I/we as a below- 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, in	ncluding any nominees (collect	ively "the Assignee") my/our invention for	which an application:	
is executed co	ncurrently herewith			
	by me/us on			
was filed on	, h	aving a Serial No.	***********	
was filed on.	25 Oct 2013, having an Interna	tional Application No. PCT/IB2013/05960	53,	
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any and all Letter	s Patent when granted, solely to	o the Assignee(s), for its sole use, and that	of its successors, assigns, and	
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I/We certify that I	/we have the full right to conve	ey the above rights.		
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	(sign name here)			
Date	(print name here)	Nilanjana BANERJEE	, Assignor	
	(sign name here)			
Date	(print name here)	Nevenka DIMITROVA	, Assignor	
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Date	(print name here)	Vinay VARAQAN	, Assignor	
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Date	(print name here)	Sitharthan KAMALAKARAN	, Assignor	
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Date	(print name here)	Angel JANEVSKI	, Assignor	
	(sign name here)			
Date	(print name here)	Sayan MAITY	, Assignor	

and assign, and transfe a place of business at l	er the entire and exclusive r High Tech Campus 5,5656	we acknowledge receipt, I/we as a below-naright, title, and interest in the following to K AE, Eindhoven, the Netherlands, its succestively "the Assignee") my/our invention for	Coninklijke Philips N.V., having sors, assigns, and legal
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⊠ was filed on, 25 O	ct 2013, having an Internati	ional Application No. PCT/IB2013/059663	,
and all rights in and to	said application, and all of	her United States, foreign and international	patent applications associated
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provisionals divisions,	continuations, continuation	ns-in-part, re-examinations, reissues, and e	ctensions thereof, and the right to
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
		officials in the United States and in any and the Assignee(s), for its sole use, and that of	
extent. Upon request a legal proceedings inclu	at the expense of the Assign uding patent prosecution ac r convenient for securing a	he Assignee to enjoy the foregoing right, tit nee, I/we agree to execute all papers, take all tions and infringement actions, and do all o nd maintaining patents on the foregoing inv	Il rightful oaths, testify in all ther such acts which may be
I/We certify that I/we I	have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Nilanjana BANERJEE	, Assignor
	(sign name here)		
Date	(print name here)	Nevenka DIMITROYA	, Assignor
	(sign name here)		
Date	(print name here)	Vinay VARADAN	, Assignor
	(sign name here)		
Date	(print name here)	Simarthan KAMALAKARAN	, Assignor
05-144-2016	(sign name here)	and a manufacture of the same	
Date	(print name here)	Angel JANEVSKI	, Assignor

Sayan MAITY

(sign name here) (print name here)

Date

, Assignor

and assign, and tra a place of business	nsfer the entire and exclusive ris at High Tech Campus 5,5656	we acknowledge receipt, I/we as a below-night, title, and interest in the following to FAE, Eindhoven, the Netherlands, its succeively "the Assignee") my/our invention for	Koninklijke Philips N.V., having ssors, assigns, and legal
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was filed on. 2	5 Oct 2013, having an Internation	onal Application No. PCT/IB2013/05966	3,
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any and all Letters	s Patent when granted, solely to	the Assignee(s), for its sole use, and that of	of its successors, assigns, and
legal representativ	es.		• 1
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Date	(print name here)	Nilanjana BANERJEE	, Assignor
	(sign name here)		
Date	(print name here)	Nevenka DIMITROVA	, Assignor
	(sign name here)		
Date	(print name here)	Vinay VARADAN	, Assignor
	(sign name here)		
Date	(print name here)	Sitharthan KAMALAKARAN	, Assignor
	(sign name here)		
Date	Sayan Maity	Angel JANEVSKI	, Assignor
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PATENT REEL: 037431 FRAME: 0558