PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3031674

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CLAUDIA CALCAGNO-MANI	02/10/2014
MELANIE SUZANNE KOTYS	02/13/2014
VENKATESH MANI	02/10/2014
PHILIP MARTYN ROBSON	02/10/2014
SARAYN RAMACHANDRAN	03/04/2014
ZAHI ADEL FAYAD	03/04/2014

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:	14386875

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:**

Address Line 1: P.O. BOX 3001

Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510

ATTORNEY DOCKET NUMBER:	2012P00184WOUS
NAME OF SUBMITTER:	BENJAMIN Y. HAN
SIGNATURE:	/Benjamin Y. Han/
DATE SIGNED:	09/22/2014

Total Attachments: 6

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PATENT

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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 c	oncurrently herewith
was executed	by me/us on
was filed on.	, having a Serial No.
was filed on.	26 Mar 2013, having an International Application No. PCT/IB2013/052383,

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.

02/10/14	(sign name here)	Claudia CALCAGNO-MANI	
Date	(print name here)	Claudia CALCAGNO-MANI	, Assignor
Date	(print name here)	Stefan E. FISCHER	, Assignor
Date	(print name here)	Melanie Suzanne KOTYS	, Assignor
Date	(print name here)	Venkatesh MANI	, Assignor
Date	(print name here)	Philip Martyn ROBSON	, Assignor
Date	(print name here)	Sarayu RAMACHANDRAN	, Assignor
Date	(print name here)	Zahi Adel FAYAD	, Assignor

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	was	executed by me/us on
	was	filed on, having a Serial No
X	was	filed on, 26 Mar 2013, having an International Application No. PCT/IB2013/052383,

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	(sign name here)		
Date	(print name here)	Cinudia CALCAGNO-MANI	, Assignor
Date	(print name here)	Stefan E. FISCHER	, Assignor
Z//3//4 Date	Melanie S Kotys (print name here)	Melanie Suzapnie KOBYS	, Assignor
Date	(print name here)	Venkstesh MANI	, Assignor
Date	(print name here)	Philip Martyn ROBSON	, Assignor
Date	(print name here)	Sarayu RAMACHANDRAN	, Assignor
 Date	(orint name here)	Zahi Adel FAYAD	

Date

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Page 1 of 1

Zahi Adel FAYAD

(print name here)

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, Assignor

(print name here)

(print name here)

(print name here)

(print name here)

Date

Date

Date

Date

FEB 10,2014

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. . was filed on. 26 Mar 2013, having an International Application No. PCT/IB2013/052383, 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, 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) Claudia CALCAGNO-MANI , Assignor Date (print name here) Stefan E. FISCHER , Assignor Date (print name here) Melanie Suzanne KOTYS , Assignor

Venkatesh MANI

Zahi Adel FAYAD

Philip Martyn ROBSON

Sarayu RAMACHANDRAN

PATENT REEL: 033785 FRAME: 0355

Assignor

, Assignor

Assignor

Assignor

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Date	(print name here)	Philip Martyn ROBSON	, Assignor

Saraya RAMACHANDRAN

Zahi Adel FAYAD

SARAYU RAMACHANDRAH

(print name here)

(print name here)

Date

PATENT REEL: 033785 FRAME: 0356

, Assignor

, Assignor

RECORDED: 09/22/2014

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Date	(print name here)	Stefan E. FISCHER	Assignor

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