PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3756002

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
SHYAM BHARAT	10/03/2014
EHSAN DEHGHAN MARVAST	09/17/2014
AMIR MOHAMMAD TAHMASEBI MARAGHOOSH	02/24/2015
FRANCOIS GUY GERARD MARIE VIGNON	03/29/2015

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:	14914400	

CORRESPONDENCE DATA

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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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ATTORNEY DOCKET NUMBER:	2013P00846WOUS	
NAME OF SUBMITTER:	FRANK J. KEEGAN	
SIGNATURE:	/Frank J. Keegan/	
DATE SIGNED:	02/25/2016	

Total Attachments: 4

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PATENT REEL: 037829 FRAME: 0045

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(x), 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:

ise	secuted concurrently herewith
was	executed by me/us on
was	filed on, having a Serial No
	filed on. 15 Sep 2014, having an International Application No. PCT/EP2014/069627.

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.

10/3/2014	(sign name here)	Day man	
Date	(print name here)	Shyam BHARAT	, Assignor
Date	(print name here)	Ebisio DEHGHAN MARVAST	, Assignor
Date	(print name here)	Amir Mohammad TAHMASEBI MARAGHOOSH	, Assignor
Date	(print name here)	Francois Guy Gerard Marie VIGNON	, Assignor
Date	(print name here)	Ameet Kumsr JAIN	, Assignor
Date	(print name here)	Dirk Binnekamp	, Assignor

Page 1 of 1

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is ex	cecuted co	oncurrently herewith
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was	filed on.	, having a Serial No.
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	(sign name here)		
Date 09,17-12014	(print name here)	Shyam BHARAT.	, Assignor
Date	(print name here)	Ebsan DEHCHAN MARVAST	, Assignor
Date	(print name here)	Amir Mohammad TAHMASEBI MARAGHOOSH	, Assignor
Date	(print name here)	Francois Guy Gerard Marie VIGNON	, Assignor
Date	(print name here)	Ameei Kumar JAIN	, Assignor
Date	(print name here)	Dirk BINNEKAMP	, Assignor

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U.S.A. Sole/Joint ASSIGNMENT

Docket No. 2013P00846WOUS

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☐ is executed concurrently herewith ☐ was executed by me/us on
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.
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I/We certify that I/we have the full right to convey the above rights.

	(sign name here)		
Date	(print name here)	Shyam BHARAT	, Assignor
Date	(print name here)	Ebsan DEHGHAN MARVAST	, Assignor
2/24/2015 Date	(print name here)	Amir Mohammad TAHMASEBI MARAGHOOSH	, Assignor
Date	(print name here)	Francois Guy Gerard Marie VIGNON	, Assignor
Date	(print name here)	Ameet Kumar JAIN	, Assignor
Date	(priot name here)	Dirk BINNEKAMP	, Assignor

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I/We certify that I/we have the full right to convey the above rights.			
	(sign name here)		
Date	(print name here)	Shyam BHARAT	, Assignor
Date	(print name here)	Ehsan DEHGHAN MARVAST	, Assignor
Date 3/29/2015	(print name here)	Amir Mohammad TAHMASEBI MARAGHOOSH	, Assignor
Date	(print name here)	François Guy Gerard Marie VIGNON	, Assignor

Page 1 of 1

Ameet Kumar JAIN

Dirk BINNEKAMP

PATENT REEL: 037829 FRAME: 0049

, Assignor

, Assignor

(print name here)

(print name here)

Date

Date