PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3731845

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHANKAR MOSUR VENKATESAN	01/26/2016
PALLAVI VAJINEPALLI	09/11/2015
VIPIN GUPTA	11/21/2015
SUSHANTH GOVINAHALLI SATHYANARAYANA	11/20/2015
MANDAR SHRIKANT KULKARNI	02/10/2016

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:	14891147

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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Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

Address Line 1: P.O. BOX 3001

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ATTORNEY DOCKET NUMBER:	2013P00410WOUS
NAME OF SUBMITTER:	THOMAS M. LUNDIN
SIGNATURE:	/Thomas M. Lundin/
DATE SIGNED:	02/10/2016

Total Attachments: 5

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PATENT REEL: 037693 FRAME: 0900

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PATENT REEL: 037693 FRAME: 0901 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

		Eindhoven, the Netherlands, its succes "the Assignee") my/our invention for v	
was filed on	s on, having	a Serial Noal Application No. PCT/EP2014/05990	
therewith, based thereon, provisionals divisions, co-	or claiming priority therefor ntinuations, continuations-in	United States, foreign and international om including, but not limited to, any and another, re-examinations, reissues, and examinations and to any and a	d all provisionals, non- stensions thereof, and the right to
		cials in the United States and in any and Assignce(s), for its sole use, and that or	
legal representatives.			
extent. Upon request at it legal proceedings includin necessary, desirable, or co thereto in the Assignee.	ne expense of the Assignee, ng patent prosecution action	assignee to enjoy the foregoing right, tit I/we agree to execute all papers, take a sand infringement actions, and do all on aintaining patents on the foregoing inverse above rights.	Il rightful oaths, testify in all ther such acts which may be
1-25-2016	Supplied Mosar Veniger (sign name here)	P. M. V. Lander	
Date	(print name here)	Shankar Mosur VENKATESAN	, Assignor
Date	(print name here)	Pallavi VAJINEPALLI	, Assignor
Date	(print name here)	Vipin GUPTA	, Assignor
Date	(print name here)	Susbanth GOVINAHALLI SATHVANARAYANA	, Assignor
Date	(print name here)	Mandar Shrikant KULKARNI	, Assignor

Date

and assign, and trar a place of business	sfer the entire and exclusive r at High Tech Campus 5,5656	we acknowledge receipt, I/we as a below-natight, title, and interest in the following to KAE, Eindhoven, the Netherlands, its successively "the Assignee") my/our invention for very my/our	oninklijke Philipe N.V., having sors, assigns, and legal
is executed conc	•		
	/ me/us on		
		ving a Serial Notional Application No. PCT/EP2014/05990	
and all rights in and	l to said application, and all ot	her United States, foreign and international	patent applications associated
	***	refrom including, but not limited to, any an	
	·	ns-in-part, re-examinations, reissues, and exe right, title, and interest in and to any and a	•
	Patent when granted, solely to	officials in the United States and in any and the Assignee(s), for its sole use, and that or	
extent. Upon reque legal proceedings in	st at the expense of the Assign actuding patent prosecution ac e, or 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	ll rightful oaths, testify in all ther such acts which may be
VWe certify that I/v	ve have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Shankar Mosur VENKATESAN	, Assignor
9 (11 2015 Date		Que de la companya della companya de	
Date	(print name here)	Pallavi VAJINEPALLI	, Assignor
Date	(print name here)	Vipin GUPTA	, Assignor
Date	(print name here)	Sushanth GOVINAHALLI SATHYANARAYANA	, Assignor

Page 1 of 1

Mandar Shrikant KULKARNI

(print name here)

PATENT REEL: 037693 FRAME: 0903

, Assignor

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 t	he entire and exclusive ri	ght, title, and interest in the following to Ko	minklijke Philips N.V., having
		AE, Eindhoven, the Netherlands, its success	
		ely "the Assignee") my/our invention for w	
is executed concurrent was executed by me/t was filed on	tly herewith is on		
therewith, based thereon, provisionals divisions, co	or claiming priority ther	ner United States, foreign and international perform including, but not limited to, any and as-in-part, re-examinations, reissues, and exteright, title, and interest in and to any and a	all provisionals, non- tensions thereof, and the right to
		officials in the United States and in any and the Assignee(s), for its sole use, and that of	
extent. Upon request at the legal proceedings including	the expense of the Assign ing patent prosecution ac- convenient for securing an	ne Assignee to enjoy the foregoing right, titl nee, I/we agree to execute all papers, take all tions and infringement actions, and do all of ad maintaining patents on the foregoing involve the above rights.	rightful oaths, testify in all her such acts which may be
- T. S	(sign name here) (print name here)	Shankar Mosur VENKATESAN	, Assignor
Date	(print transcriete)	SHIRD CHE STRONG Y ASSAULT A POSSESS	, 1303, 200
Date	(print name here)	Pallavi VAJINEPALLI	Assignor
21 NOV. 2015	NOW.		
Date	(print paine here)	Vipin GUPTA	, Assignor
Date	(print name here)	Sushanth GOVINAHALLI SATHYANARAYANA	, Assignor
W			· · · · · · · · · · · · · · · · · · ·
Date	(print name here)	Mandar Shrikant KULKARNI	Assignor

		right. Dife, and interest in the following to Kentiek. All I in the vent the Netherlands, its execution is a entry the Assigned Lapsace inventors for which	
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	Static when granted subjects to		
No cortin that Eve		the above rights	
	(P. F.) Constitute (pre-	Shankar Monor VENKATEAAN	Assent
•	(print asine bere)	Pallati VAJINE PALLI	Assigned
	(print name here)	Napin GLPTA	Asympto
		Subabili GOVINABALLI SATIFANABAYANA	Assert
	COLUMN TORSE TORSE	Mandar Shrikani KULKARNI	Assess

Page 1 of 1

PATENT REEL: 037693 FRAME: 0905

U.S.A. Sole/Joint

ASSIGNMENT

Docket No. 2013P00410WOUS

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 e	xecuted c	oncurrently herewith
	was	executed	by me/us on
	was	filed on.	, having a Serial No.
\boxtimes	was	filed on.	15 May 2014, having an International Application No. PCT/EP2014/059901,

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)	Shankar Mosur VENKATESAN	, Assignor
Date	(print name here)	Paliavi VAJINEPALLI	, Assignor
Date	(print name here)	Vipin GUPTA	, Assignor
Date	(print name here)	Sushanth GOVINAHALLI SATHYANARAYANA	, Assignor
10/02/2016		Miden	
Date	(print name here)	Mandar Shrikant KULKARNI	, Assignor

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PATENT REEL: 037693 FRAME: 0906