503086076 12/04/2014

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
JIPU LEI	11/06/2013
STEFANO SCHIAFFINO	11/08/2013
ALEXANDER H. NICKEL	11/06/2013
MOOI GUAN NG	11/06/2013
GRIGORIY BASIN	12/01/2013
SALMAN AKRAM	11/01/2014

## **RECEIVING PARTY DATA**

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

### **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	14405532	

## **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

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NAME OF SUBMITTER:	MICHAEL A. EPSTEIN
SIGNATURE:	/MICHAEL A. EPSTEIN/
DATE SIGNED:	12/04/2014

**Total Attachments: 4** 

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503086076 PATENT REEL: 034376 FRAME: 0690

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> PATENT REEL: 034376 FRAME: 0691

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

and assign, and trans	fer the entire and exclusive r	ight, title, and interest in the follow	ing to Koninklijke Philips N.V., having
a place of business at	High Tech Campus 5,5656	AE, Eindhoven, the Netherlands, it	s successors, assigns, and legal
		vely "the Assignee") my/our invent	
is executed concu	rrently herewith		*
was executed by a	ne/us on	******************************	
☐ was filed on	, ha	ving a Serial No	***************************************
was filed on. 04 J	un 2013, having an Internati	ional Application No. PCT/IB2013	/054584,
and all rights in and t	o said application, and all of	her United States, foreign and inter	national patent applications associated
therewith, based there	eon, or claiming priority the	efrom including, but not limited to	, any and all provisionals, non-
provisionals division	s, continuations, continuation	ns-in-part, re-examinations, reissue	s, and extensions thereof, and the right to
claim priority thereto	, and the entire and exclusive	e right, title, and interest in and to a	ny and all patents granted on these
applications.			•
			any and all foreign countries to issue d that of its successors, assigns, and
extent. Upon request legal proceedings inc	at the expense of the Assign luding patent prosecution ac or convenient for securing a	nee, I/we agree to execute all papers tions and infringement actions, and	right, title, and interest to the fullest s, take all rightful oaths, testify in all do all other such acts which may be oing invention or for perfecting title
I/We certify that I/we	have the full right to conve	y the above rights.	
11/6/2013	(sign name here)	Jim les	
Date Date	(print name here)	Jipu LEI	, Assignor
Date	(print name here)	Stefano SCHIAFFINO	, Assignor
Jas 6.2013		Mint Anna	
Date 11/6/2013	(print name here)	Alexander H. NICKEL	, Assignor
Date	(print name here)	Mod Gual NG	, Assignor
Date	(print name here)	Grigoriy BASIN	, Assignor
Date	(print name here)	Salman AKRAM	, Assignor

assign, and transf of business at Hig	er the entire and exclusive right the Campus 5,5656 AE, E	t, title, and interest in the following to indhoven, the Netherlands, its successor	
including any nor	ninees (collectively "the Assig	nee") my/our invention for which an ap	oplication:
is executed co	ncurrently herewith		
	by me/us on	***************************************	
was filed on		aving a Serial No	****************
was filed on. 0	14 Jun 2013, having an Interna	tional Application No. PCT/IB2013/0	54584,
and all rights in a	nd to said application, and all o	ther United States, foreign and internal	tional patent applications associated
			ny and all provisionals, non-provisionals
		-	s thereof, and the right to claim priority
		and interest in and to any and all patent	
		officials in the United States and in are Assignee(s), for its sole use, and that of	ny and all foreign countries to issue any of its successors, assigns, and legal
Upon request at the proceedings include	ne expense of the Assignee, I/w ding patent prosecution actions	e agree to execute all papers, take all r	ther such acts which may be necessary,
I/We certify that I	we have the full right to conve	ey the above rights.	
	(sign name here)		
Date /	(print name here)	Jipu LEI	, Assignor
4/8/2013	<b>&gt;</b>	SUCW,	
Date /	(print name here)	Stefano`SCHIAFFINO	, Assignor
Date	(print name here)	Alexander H. NICKEL	, Assignor
Date	(print name here)	Mooi Guan NG	, Assignor
Date	(print name here)	Grigoriy BASIN	, Assignor

Salman AKRAM

(print name here)

Date

PATENT REEL: 034376 FRAME: 0693

, Assignor

Date

For good and valuable	consideration, of which I/w	e acknowledge receipt, I/we as a below	-named Assignor(s), hereby sell,
and assign, and transfe	er the entire and exclusive ri	ght, title, and interest in the following to	o Koninklijke Philips N.V., having
a place of business at	High Tech Campus 5,5656 A	LE, Eindhoven, the Netherlands, its suc	cessors, assigns, and legal
representatives, includ	ling any nominees (collective	ely "the Assignee") my/our invention for	or which an application:
is executed concur	rently herewith		
	ne/us on	0340240340340340340340340340340	
		ing a Serial No	wenuenuenuenu
		onal Application No. PCT/IB2013/054	
and all rights in and to	said application, and all oth	er United States, foreign and internation	nal patent applications associated
therewith, based there	on, or claiming priority there	efrom including, but not limited to, any	and all provisionals, non-
provisionals divisions	, continuations, continuation	s-in-part, re-examinations, reissues, an	d extensions thereof, and the right to
claim priority thereto, applications.	and the entire and exclusive	right, title, and interest in and to any a	nd all patents granted on these
any and all Letters Pa legal representatives.  I/We will provide my extent. Upon request legal proceedings inc necessary, desirable, thereto in the Assigne	tent when granted, solely to  /our cooperation to enable the at the expense of the Assign luding patent prosecution ac- or convenient for securing an	officials in the United States and in any the Assignee(s), for its sole use, and the Assignee to enjoy the foregoing rightee, I/we agree to execute all papers, taltions and infringement actions, and do not maintaining patents on the foregoing the above rights.	at of its successors, assigns, and  t, title, and interest to the fullest te all rightful oaths, testify in all all other such acts which may be
	(sign name here)		•
Date	(print name here)	Jipa LEI	, Assignor
LFGSC.	Progress seconson sensor's	to ago as assault	y c and agreement
Date	(print name here)	Stefano SCHIAFFINO	, Assignor
Date	(print name here)	Alexander H. NICKEL	, Assignor
	EEC GEEEEEEEE		
Date	(print name here)	Mooi Guan X	Assignor , Assignor
12/0//13	<u> </u>	MIN ONLEY /	Short of the state
Date	(print name here)	Grigoriy BASIN	, Assignor
Date	(print name here)	Salman AKRAM	, Assignor

Page 1 of 1

(print name here)

**RECORDED: 12/04/2014** 

and assign, and tran	sfer the entire and exclusive righ at High Tech Campus 5,5656 AF	acknowledge receipt, I/we as a belont, title, and interest in the following E, Eindhoven, the Netherlands, its sty "the Assignee") my/our invention	to Koninklijke Philips N.V., having accessors, assigns, and legal
is executed conc	currently herewith		
	me/us on		
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was filed on. 04	Jun 2013, having an Internation	al Application No. PCT/IB2013/05	54584,
and all rights in and	to said application, and all other	r United States, foreign and internat	ional patent applications associated
·		rom including, but not limited to, at	
•			and extensions thereof, and the right to
claim priority there	to, and the entire and exclusive r	ight, title, and interest in and to any	and all patents granted on these
applications.			
	Patent when granted, solely to th	ficials in the United States and in ar e Assignee(s), for its sole use, and t	
extent. Upon reque legal proceedings in	est at the expense of the Assigned acluding patent prosecution action e, or convenient for securing and	Assignce to enjoy the foregoing rige, I/we agree to execute all papers, to some and infringement actions, and do maintaining patents on the foregoing	ake all rightful oaths, testify in all all other such acts which may be
I/We certify that I/v	ve have the full right to convey t	he above rights.	
	(sign name here)		
Date	(print name here)	Jipu LEI	, Assignor
Date	(print name nere)	o.p.a 221	,
Date	(print name here)	Stefano SCHIAFFINO	, Assignor
Date	(print name here)	Alexander H. NICKEL	, Assignor
Date	(print name here)	Mooi Guan NG	, Assignor
		G.L. t. DIGIN	- Andrews
Date	(print name here)	Grigoriy BASIN	, Assignor
Nov 2014	SALMAN AKRAM	Salusan	
Date	(print name here)	Salman AKRAM	, Assignor

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