# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

rsion v1.1 EPAS ID: PAT5524199

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SHEKHAR DWIVEDI	02/10/2019
ANDRIY ANDREYEV	04/30/2019
CHUANYONG BAI	04/30/2019
CHI-HUA TUNG	01/24/2019

### **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:	16461121

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	2016P00813WOUS
NAME OF SUBMITTER:	DAVID LAWRENCE SCHREIBER
SIGNATURE:	/David Lawrence Schreiber/
DATE SIGNED:	05/15/2019

#### **Total Attachments: 4**

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PATENT REEL: 049184 FRAME: 0433

2-10-2019 Date Date	(sign name here) (print name here) (print name here)	Shekhar DWIVEDI  Andriy ANDREYEV	, Assignor , Assignor
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1/ we certify that I/w			
I/Wa northfurthat The	e have the full right to convey	y the above rights.	
thereto in the Assign	ee.		
necessary, desirable,	or convenient for securing as	nd maintaining patents on the foregoi	ng invention or for perfecting title
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and all rights in and	to said application, and all oth	ner United States, foreign and internation	tional patent applications associated
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representatives, inch	t High Tech Campus 5,5656 Andreas any nominees (collective	AE, Eindhoven, the Netherlands, its s	uccessors, assigns, and legal
and assign, and trans a place of business a representatives, inch	fer the entire and exclusive ri t High Tech Campus 5,5656		g to Koninklijke Philips N.V., having

Page 1 of 1

Chi-Hua TUNG

(print name here)

Date

, Assignor

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

a place of business a	t High Tech Campus 5,5656	right, title, and interest in the following AE, Eindhoven, the Netherlands, its vely "the Assignee") my/our inventions.	The state of the s
was filed on	me/us on, ha	ving a Serial No	
therewith, based ther provisionals division	eon, or claiming priority the is, continuations, continuatio	refrom including, but not limited to,	and extensions thereof, and the right to
	atent when granted, solely to	officials in the United States and in the Assignee(s), for its sole use, and	any and all foreign countries to issue I that of its successors, assigns, and
extent. Upon reques legal proceedings inc	t at the expense of the Assign duding patent prosecution ac or convenient for securing a	he Assignee to enjoy the foregoing rinee, I/we agree to execute all papers, tions and infringement actions, and on maintaining patents on the forego	take all rightful oaths, testify in all for all other such acts which may be
I/We certify that I/wo	e have the full right to conve	y the above rights.	
	(sign name here)		
Date 30 Nor 2019	(print name here)	Shekhar DWIYEDI	, Assignor
Date	(print name here)	Andriy ANDREYEV	, Assignor
Date	(print name here)	Chuanyong BAI	, Assignor
Date	(print name here)	Chi-Hua TUNG	, Assignor

Page 1 of 1

		acknowledge receipt, I/we as a belo	
			to Koninklijke Philips N.V., having
		E, Eindhoven, the Netherlands, its su	
representatives, includ	ing any nominees (collective	ly "the Assignee") my/our invention	for which an application:
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		maintaining patents on the foregoin	g invention or for perfecting title
thereto in the Assignee			
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if we certify that if we i	nave the full right to convey t	he above rights.	
	(sign name here)		
Date		Challes DWINDDA	
Date	(print name here)	Shekhar DWIVEDI	, Assignor
Date	(print name here)	Andriy ANDREYEV	
4/30/2019	1	Andriy ANDRE I EV	, Assignor
Date	Chuanyong Bai (print name here)	Chuanyong BAI	- Tubble
— — <del></del>	(brun name nere)	Chuanyong BA1	, Assignor

Page 1 of 1

Chi-Hua TUNG

(print name here)

Date

, Assignor

to

**RECORDED: 05/15/2019** 

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

and assign, and tra	nsfer the entire and exclusive r	ight, title, and interest in the followin	g to Koninklijke Philips N.V., having
•	•	AE, Eindhoven, the Netherlands, its	, , , ,
representatives, inc	cluding any nominees (collecti	vely "the Assignee") my/our inventio	n for which an application:
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was filed on. 22	2 Nov 2017, having an Internat	ional Application No. PCT/EP2017/	079987,
and all rights in an	d to said application, and all of	her United States, foreign and interna	itional natant applications associated
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approunous.			
I/We authorize and	d request that the Patent Office	officials in the United States and in a	ny and all foreign countries to issue
		the Assignee(s), for its sole use, and	
legal representative	•	,	, ,
I/We will provide:	my/our cooperation to enable t	he Assignee to enjoy the foregoing ri	ght, title, and interest to the fullest
extent. Upon requ	est at the expense of the Assign	nee, I/we agree to execute all papers,	take all rightful oaths, testify in all
legal proceedings i	including patent prosecution ac	tions and infringement actions, and d	o all other such acts which may be
necessary, desirable	le, or convenient for securing a	nd maintaining patents on the foregoi	ng invention or for perfecting title
thereto in the Assi	gnee.		
I/We certify that I/	we have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Shekhar DWIVEDI	, Assignor
			<del></del>
Date	(print name here)	Andriy ANDREYEV	, Assignor
Date	(print name here)	Chuanyong BAI	, Assignor
1/24/2019		Ohi-Hua Tuz	
Date	(print name here)	Chi-Hua TUNG	, Assignor

Page 1 of 1

**PATENT** REEL: 049184 FRAME: 0437