506059036 05/14/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DECLAN PATRICK KELLY	08/22/2018
SHUANG CHEN	01/14/2019
MICHAEL MARTIN SCHEJA	01/07/2019

RECEIVING PARTY DATA

Name:	KONINKLIJKE PHILIPS N.V.
Street Address:	HIGH TECH CAMPUS 52
City:	EINDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5656 AE

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16632425

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NAME OF SUBMITTER:	DOUGLAS B. MCKNIGHT
SIGNATURE:	/DOUGLAS B. MCKNIGHT/
DATE SIGNED:	05/14/2020

Total Attachments: 3

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PATENT 506059036 REEL: 052657 FRAME: 0272

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

•	·	ht, title, and interest in the following t	• ,,,
= -	_		
•	-	E, Eindhoven, the Netherlands, its suc	
representatives, includ	ing any nominees (collective	ly "the Assignee") my/our invention f	or which an application:
is executed concurr	ently herewith		
	e/us on		•
-		ng a Serial No	
was filed on. 25 Ju	I 2018, having an Internation	nal Application No. PCT/EP2018/070	230,
and all rights in and to	said application, and all other	er United States, foreign and internation	mal natent applications associated
-	* *	from including, but not limited to, any	•
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-		•	
•	and the entire and exclusive	right, title, and interest in and to any a	nd an patents granted on these
applications.			
I/We authorize and rec	west that the Patent Office o	fficials in the United States and in any	and all foreign countries to issue
	•	he Assignee(s), for its sole use, and that	-
legal representatives.	one whom granted, sololy to a	10 7 155 griec(5), 161 115 5010 1150, 1111 1111	or no successors, assigns, and
regar representatives.			,
I/We will provide my/	our cooperation to enable the	e Assignee to enjoy the foregoing right	title, and interest to the fullest
-	<u>-</u>	e, I/we agree to execute all papers, tak	
		ons and infringement actions, and do a	
• •	- · · ·	d maintaining patents on the foregoing	
thereto in the Assigned		a mannaming patents on the relegents	, invention of for perfecting title
thereto in the Assigned	,		
I/We certify that I/we	have the full right to convey	the above rights.	
	······		
22/8/2018	(sign name here)	V-1616	
Date	(print name here)	Declan Patrick KELLY	, Assignor
Date	(print name here)	Shuang CHEN	, Assignor
Date	(print name here)	Michael Martin SCHEJA	, Assignor

Page 1 of 1

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

		AE, Eindhoven, the Netherlands, its vely "the Assignee") my/our invention	
is executed concurr	ently herewith		
was executed by me	/us on		
was filed on	, ha	ving a Serial No.	*********
was filed on 25 Jul	l 2018, having an Internati	onal Application No. PCT/EP2018/0	70236,
therewith, based thereo	m, or claiming priority the	her United States, foreign and interna refrom including, but not limited to, a ns-in-part, re-examinations, reissues, i	ny and all provisionals, non-
		e right, title, and interest in and to any	
		officials in the United States and man the Assignee(s), for its sole use, and t	
extent. Upon request a legal proceedings include:	at the expense of the Assig ading patent prosecution ac r convenient for securing a	he Assignee to enjoy the foregoing rig nee. I/we agree to execute all papers, it strons and infringement actions, and do and maintaining patents on the foregoin	which all rightful outles results usuall all other such acre which may be
I/We certify that I/we	have the full right to conve	y the above rights	
	(sign name here)		
Date	(print name here)	Declae Patrick KELLY	Assgor
209 Jan 14	Shawa then	Gung Non	
Date	(print name here)	Shoring CHEN	Assigner
Date	(print name here)	Michael Martia SCHEIA	Assigner

Page 1 of 1

to

=		acknowledge receipt, I/we as a below	
-	-	t, title, and interest in the following to	
•		, Eindhoven, the Netherlands, its succ	
representatives, includin	g any nominees (collectively	"the Assignee") my/our invention for	or which an application:
is executed concurren	•		
	us on		
was filed on	, havin	g a Serial No	
was filed on. 25 Jul 2	2018, having an Internationa	I Application No. PCT/EP2018/0702	236,
	- · · · · · · · · · · · · · · · · · · ·	United States, foreign and internation	
	· · · · · · · · · · · · · · · · ·	om including, but not limited to, any	
provisionals divisions, co	ontinuations, continuations-i	in-part, re-examinations, reissues, and	l extensions thereof, and the right t
claim priority thereto, an	nd the entire and exclusive ri	ght, title, and interest in and to any ar	nd all patents granted on these
applications.			
		icials in the United States and in any	-
•	it when granted, solely to the	Assignee(s), for its sole use, and that	t of its successors, assigns, and
legal representatives.			
•		Assignee to enjoy the foregoing right,	
	· · · · · · · · · · · · · · · · · · ·	, I/we agree to execute all papers, take	
legal proceedings includ	ing patent prosecution action	ns and infringement actions, and do a	ll other such acts which may be
necessary, desirable, or o	convenient for securing and	maintaining patents on the foregoing	invention or for perfecting title
thereto in the Assignee.			
I/We certify that I/we ha	we the full right to convey th	ne above rights.	
	(sign name here)		
Date	(print name here)	Declan Patrick KELLY	, Assignor
Date	(print name here)	Shuang CHEN	Assignor , Assignor
7.01.2.01.0	(print name nere)	Sinding Cited	, Assignor
1.01. LU[3	(print name hard)	Michael Martin SCHEJA	, Assignor
Date	(print name here)	MICHAEL MALCH SCHEJA	, Assignor

Page 1 of 1

PATENT REEL: 052657 FRAME: 0275