# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ADAM JONES	02/15/2019
KIRAN HAMILTON J. DELLIMORE	06/26/2018
MARTIN GRÜTERICH	06/14/2018
ARTHUR BOUWMAN	06/16/2018

### **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:	16621722	

## **CORRESPONDENCE DATA**

**Fax Number:** (914)495-9540

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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**Email:** katelyn.mulroy@philips.com

Correspondent Name: PHILIPS IP&S

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Address Line 2: SUITE 340

Address Line 4: VALHALLA, NEW YORK 105951336

ATTORNEY DOCKET NUMBER:	2016P01331WOUS
NAME OF SUBMITTER:	KATELYN MULROY
SIGNATURE:	/Katelyn Mulroy/
DATE SIGNED:	12/12/2019

# **Total Attachments: 4**

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PATENT 505816551 REEL: 051257 FRAME: 0070

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PATENT REEL: 051257 FRAME: 0071

and assign, and transf a place of business at	er the entire and exclusive i High Tech Campus 5,5656	we acknowledge receipt, I/we as a below- right, title, and interest in the following to AE, Eindhoven, the Netherlands, its succeively "the Assignee") my/our invention for	Koninklijke Philips N.V., having essors, assigns, and legal
was filed on	ne/us on, ha	iving a Serial Noional Application No. PCT/EP2018/0655	
therewith, based there provisionals divisions	on, or claiming priority the continuations, continuations	her United States, foreign and international refrom including, but not limited to, any a ns-in-part, re-examinations, reissues, and e right, title, and interest in and to any and	nd all provisionals, non- extensions thereof, and the right to
	=	officials in the United States and in any at the Assignee(s), for its sole use, and that	
extent. Upon request a legal proceedings incl	at the expense of the Assign ading patent prosecution ac a convenient for securing a	he Assignee to enjoy the foregoing right, t nee, I/we agree to execute all papers, take tions and infringement actions, and do all nd maintaining patents on the foregoing in	all rightful oaths, testify in all other such acts which may be
I/We certify that I/we	nave the full right to conve	y the above rights.	
15/2/19	(sign name here)	Acc	
Date	(print name here)	Adam JONES	, Assignor
Date	(print name here)	Kiran Hamilton J. DELLIMORE	, Assignor
Date	(print name here)	Martin GRÜTERICH	, Assignor

Page 1 of 1

Arthur BOUWMAN

(print name here)

Date

, Assignor

Date

Date

For good and valu	able consideration, of which 1/s	ve acknowledge receipt, I/we as a below-na	med Assignor(s), bereby sell,
and assign, and tra	msfer the entire and exclusive r	ight, title, and interest in the following to $K \epsilon$	oninklijke Philips N.V., having
a place of business	at High Tech Campus 5,5656	AE, Eindhoven, the Netherlands, its success	ors, assigns, and legal
representatives, in	cluding any nominees (collection	vely "the Assignee") my/our invention for w	hich an application:
is executed cor	nourrently herewith		
	y me/us on	**************************************	
was filed on		ving a Serial No	********
		onal Application No. PCT/EP2018/065582	
**	2.5	her United States, foreign and international	
		efrom including, but not limited to, any and	•
		is-in-part, re-examinations, reissues, and ex	
., ,	cio, and inc chire and exclusiv	e right, title, and interest in and to any and a	n paicors granicu on mese
applications.			
VWe authorize and	d request that the Patent Office	officials in the United States and in any and	all foreign countries to issue
		the Assignee(s), for its sole use, and that of	· ·
legal representativ	•		and the same of th
VWe will provide	my/our cooperation to enable the	ne Assignee to enjoy the foregoing right, titl	e, and interest to the fullest
•	·	iee, I/we agree to execute all papers, take al	
		tions and infringement actions, and do all of	
	**	nd maintaining patents on the foregoing inv	
thereto in the Assi	•		
	•		
I/We certify that I	we have the full right to conve	y the above rights.	
	(sign name here)		
Date ;.	(print name here)	Adem JONES	, Assignor
June 26, 201	8		`
Date	(print name here)	Kiran Hamilton J. DELLIMORE	, Assignor

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Martin GRÜTERICH

Arthur BOUWMAN

(print name here)

(print name here)

PATENT REEL: 051257 FRAME: 0073

, Assignor

, 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	at High Tech Campus 5,5656	right, title, and interest in the following to K AE, Eindhoven, the Netherlands, its succes vely "the Assignee") my/our invention for v	sors, assigns, and legal
was executed b		wing a Serial No	
therewith, based the provisionals divisi	nereon, or claiming priority the ons, continuations, continuations	ther United States, foreign and international refrom including, but not limited to, any and exastin-part, re-examinations, reissues, and exe right, title, and interest in and to any and a	d all provisionals, non- tensions thereof, and the right to
	Patent when granted, solely to	officials in the United States and in any and the Assignee(s), for its sole use, and that of	<del></del>
extent. Upon required legal proceedings in necessary, desirable thereto in the Assi	est at the expense of the Assig including patent prosecution ac le, or convenient for securing a	the Assignee to enjoy the foregoing right, tit nee, I/we agree to execute all papers, take all ctions and infringement actions, and do all o and maintaining patents on the foregoing inv	I rightful oaths, testify in all ther such acts which may be
is we coming that is	-	y the above rights.	
Date	(sign name here) (print name here)	Adam JONES	, Assignor
Date 14.06,201	(print name here)	Kiran Hamilton J. DELLIMORE	, Assignor
Date	(print name here)	Maytin GRÜTERICH	, Assignor
Date	(print name here)	Arthur BOUWMAN	, Assignor

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PATENT REEL: 051257 FRAME: 0074 For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell,

and assign, and tran	sfer the entire and exclusive r at High Tech Campus 5,5656	ight, title, and interest in the following to K AE, Eindhoven, the Netherlands, its success rely "the Assignee") my/our invention for v	oninklijke Philips N.V., having sors, assigns, and legal
is executed conc	surrently herewith	and the second s	
was filed on	, ha	ving a Serial No	
therewith, based the provisionals divisio	reon, or claiming priority them ns, continuations, continuation	her United States, foreign and international refrom including, but not limited to, any and as-in-part, re-examinations, reissues, and exe right, title, and interest in and to any and a	l all provisionals, non- tensions thereof, and the right to
	Patent when granted, solely to	officials in the United States and in any and the Assignee(s), for its sole use, and that of	<del>,</del>
extent. Upon reque legal proceedings in	st at the expense of the Assign cluding patent prosecution ac , or convenient for securing a	ne Assignee to enjoy the foregoing right, titi nee, I/we agree to execute all papers, take all tions and infringement actions, and do all or and maintaining patents on the foregoing inv	I rightful oaths, testify in all ther such acts which may be
I/We certify that I/w	e have the full right to convey	y the above rights.	
	(sign name here)		
Date	(print name here)	Adam JONES	, Assignor
Date	(print name here)	Kiran Hamilton J. DELLIMORE	, Assignor
Date	(print name here)	Martin GRÜTERICH	, Assignor
Date )2010'	<u>Az Uw. Bouwnen</u> (print name here)	Ambue Boow MAN	. Assignor

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**PATENT REEL: 051257 FRAME: 0075** 

, Assignor