PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JARNO BEEKMAN	10/08/2015
RODIN ENNE BRUINSMA	10/01/2015
PETER RIJSKAMP	11/14/2017
JAN KLAASSEN	01/22/2018
PENG CHAU QUAH	01/31/2018

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:	15514643

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.

Phone: 914-495-9521

Email: debbie.henn@Philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

Address Line 1: 465 COLUMBUS AVENUE

Address Line 2: SUITE 340

Address Line 4: VALHALLA, NEW YORK 10595

Tatal Attachments, F	
DATE SIGNED:	02/01/2018
SIGNATURE:	/Kathleen A. Asher/
NAME OF SUBMITTER:	KATHLEEN A. ASHER
ATTORNEY DOCKET NUMBER:	2014P01073WOUS

Total Attachments: 5

PATENT REEL: 044794 FRAME: 0307

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Date

- V.		we acknowledge receipt, I/we as a below-nam right, title, and interest in the following to Kor		
_		AE, Eindhoven, the Netherlands, its successo		1
· ·		vely "the Assignee") my/our invention for wh		
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is executed concu	errently herewith			
	me/us on			
was filed on	, ha	ving a Serial No	NI) II	
was filed on. 29 S	Sep 2015, having an Internati	ional Application No. PCT/EP2015/072298,		
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		refrom including, but not limited to, any and a		
		ns-in-part, re-examinations, reissues, and exte		to.
		e right, title, and interest in and to any and all	·-	
applications.				
		officials in the United States and in any and a	-	
		the Assignee(s), for its sole use, and that of it	s successors, assigns, and	
legal representatives.				
I/We will provide my	our cooperation to enable t	he Assignee to enjoy the foregoing right, title,	and interest to the fullest	
		nee, I/we agree to execute all papers, take all i		
	-	tions and infringement actions, and do all oth		
		nd maintaining patents on the foregoing inver		
thereto in the Assigna	ee.	V-		
I/We certify that I/we	have the full right to conve			
2.22.	(sign name here)	DECEASED		
Date	(print name here)	Hendrikus Lodewijk Joseph Franciscus HOLTEN	, Assignor	
		HOLAEN 17. /		
<u>00-10-2015 </u>		DEFINANT N	Α	
Date	(print name here)	Jayno BEEKMAN	, Assignor	
Date	(print name here)	Rodin Enne BRUINSMA	, Assignor	
	Q		, 5	
Date	(print name here)			
	Ø	Peter RIJSKAMP	, Assignor	
	<i>G.</i>	Peter RIJSKAMP	, Assignor	
Date	(print name here)	Peter RIJSKAMP Jan KLAASSEN	, Assignor	

Page 1 of 1

Peng Chan QUAH

(print name here)

PATENT REEL: 044794 FRAME: 0309

, 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 busines	s at High Tech Campus 5,5656.	ight, title, and interest in the following to Ko AE, Eindhoven, the Netherlands, its successory (ely "the Assignee") my/our invention for wh	ors, assigns, and legal
was executed was filed on		ving a Serial No. onal Application No. PCT/EP2015/072298,	
therewith, based t provisionals divis	hereon, or claiming priority ther ions, continuations, continuation	her United States, foreign and international perform including, but not limited to, any and is-in-part, re-examinations, reissues, and exteright, title, and interest in and to any and al	all provisionals, non- ensions thereof, and the right to
	s Patent when granted, solely to	officials in the United States and in any and the Assignee(s), for its sole use, and that of	
extent. Upon requested legal proceedings	uest at the expense of the Assign including patent prosecution acole, or convenient for securing a	ne Assignee to enjoy the foregoing right, title nee, I/we agree to execute all papers, take all tions and infringement actions, and do all oth and maintaining patents on the foregoing inve	rightful oaths, testify in all ner such acts which may be
I/We certify that I	I/we have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Hendrikus Lodewijk Joseph Franciscus HOLTEN	, Assignor
Date	(print name here)	Jarno BEEKMAN	, Assignor
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Date	(print name here)	Rodin Enne BRUINSMA	, Assignor
Date	(print name here)	Peter RIJSKAMP	, Assignor
Date	(print name here)	Jan KLAASSEN	, Assignor
Date	(print name here)	Peng Chau QUAH	, Assignor

Page 1 of 1

ASSIGNMENT

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

U.S.A. Sole/Joint

a place of business	at High Tech Campus 5,5656	ight, title, and interest in the following to Kot AE, Eindhoven, the Netherlands, its successo rely "the Assignee") my/our invention for wh	rs, assigns, and legal
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	y me/us on		
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		onal Application No. PCT/EP2015/072298,	
therewith, based the provisionals division	ereon, or claiming priority ther ons, continuations, continuation	her United States, foreign and international prefrom including, but not limited to, any and ans-in-part, re-examinations, reissues, and exter right, title, and interest in and to any and all	all provisionals, non- ensions thereof, and the right to
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extent. Upon requiegal proceedings	est at the expense of the Assign including patent prosecution ac ie, or convenient for securing a	he Assignee to enjoy the foregoing right, title nee, I/we agree to execute all papers, take all tions and infringement actions, and do all oth nd maintaining patents on the foregoing inve	rightful oaths, testify in all ter such acts which may be
I/We centify that I/	we have the full right to conve (sign name here)	y the above rights.	
Date	(print name here)	Hendrikus Lodewijk Joseph Franciscus HOLTEN	, Assignor
Date	(print name bere)	Jarno BEEKMAN	, Assignor
Date	(print name here)	Rodin Enne BRUINSMA	, Assignor
16		Carl Andrews	
Date	(print name here)	Peter WJSKAMP/	, Assignor
Date	(print name here)	Jan KLAASSEN	, Assignor
Date	(print name here)	Peng Chau QUAH	, 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	at High Tech Campus 5,5686 /	ght, title, and interest in the following to Kor AE, Eindhoven, the Netherlands, its successo ely "the Assignee") my/our invention for wh	rs, assigns, and legal
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therewith, based the provisionals divisio	reon, or claiming priority therens, continuation	er United States, foreign and international parties of the including, but not limited to, any and a s-in-part, re-examinations, reissues, and extensions, title, and interest in and to any and all	all provisionals, non- misions thereof, and the right to
	atent when granted, solely to	officials in the United States and in any and a the Assignee(s), for its sole use, and that of it	
extent. Upon reque- legal proceedings in necessary, desirable thereto in the Assign	st at the expense of the Assign cluding patent prosecution act , or convenient for securing an	e Assignee to enjoy the foregoing right, title, ee, I/we agree to execute all papers, take all rions and infringement actions, and do all othed maintaining patents on the foregoing invertible the above rights.	rightful oaths, testify in all er such acts which may be
	(sign name here)		
Date	(print name here)	Hendrikus Lodewijk Joseph Franciscus HOLTEN	, Assignor
Date	(print name here)	Jarno BEEKMAN	, Assignor
Date	(print name here)	Rodin Enne BRUINSMA	, Assignor
*Date	(print name here)	Peter RIJSKAMP	, Assignor
2. 0 ******* 22/8 Date	Americanism		
Date	(print name here)	Jan KI 4488EN	, Assignor
Date	(print name here)	Peng Chan QUAH	. Assignor

, Assignor

RECORDED: 02/01/2018

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

and assign, and transf a place of business at	er the entire and exclusive ri High Tech Campus 5,5656	ight, title, and interest in the following to Kor AE, Eindhoven, the Netherlands, its successory when the Assignee") my/our invention for when the Assignee when the Assignee in the following to Kor well with the following to th	ninklijke Philips N.V., having ors, assigns, and legal
is executed concur	rently herewith		
was executed by n	ne/us on		
was filed on	, hav	ving a Serial No.	
was filed on. 29 S	ep 2015, having an Internati	onal Application No. PCT/EP2015/072298,	
therewith, based there provisionals divisions	on, or claiming priority ther, continuations, continuations	her United States, foreign and international prefrom including, but not limited to, any and ans-in-part, re-examinations, reissues, and exter eright, title, and interest in and to any and all	all provisionals, non- ensions thereof, and the right to
	•	officials in the United States and in any and a the Assignee(s), for its sole use, and that of i	-
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I/We certify that I/we	have the full right to convey	y the above rights.	
Date	(sign name here) (print name here)	Hendrikus Lodewijk Joseph Franciscus HOLTEN	, Assignor
Date	(print name here)	Jarno BEEKMAN	, Assignor
Date	(print name here)	Rodin Enne BRUINSMA	, Assignor
Date	(print name here)	Peter RIJSKAMP	, Assignor
Date	(print name here)	Jan KLAASSEN	, Assignor
31st Jan 2018	Peng Chau Quah	CH-M.	
Date	(print name here)	Peng Chau QUAH	. Assignor

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