504914080 05/15/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EWALD ROESSL	05/03/2018
ROGER STEADMAN BOOKER	11/23/2016

RECEIVING PARTY DATA

Name:	KONINKLIJKE PHILIPS N.V.	
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City:	EINDHOVEN	
State/Country:	NETHERLANDS	
Postal Code:	5656 AE	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15776085

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NAME OF SUBMITTER:	DOUGLAS B. MCKNIGHT
SIGNATURE:	/Douglas B. McKnight/
DATE SIGNED:	05/15/2018

Total Attachments: 2

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PATENT REEL: 045800 FRAME: 0289 504914080

a place of business at Hi	gh Tech Campus 5,5656	AE, Eindhoven, the Netherland	lowing to Koninklijke Philips N.V., having s, its successors, assigns, and legal vention for which an application:
was filed on	us on, ha	ving a Serial No	
therewith, based thereor provisionals divisions, c	i, or claiming priority the ontinuations, continuation	refrom including, but not limite us-in-part, re-examinations, reis	nternational patent applications associated d to, any and all provisionals, non-sues, and extensions thereof, and the right to to any and all patents granted on these
			nd in any and all foreign countries to issue e, and that of its successors, assigns, and
extent. Upon request at legal proceedings include	the expense of the Assign ling patent prosecution ac	nee, I/we agree to execute all partions and infringement actions,	ring right, title, and interest to the fullest apers, take all rightful oaths, testify in all and do all other such acts which may be bregoing invention or for perfecting title
I/We certify that I/we h	ave the full right to conve	y the above rights.	
5-3-2018	(sign name here)	W by	
Date	(print name here)	Ewald ROESSL	, Assignor

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

(print name here)

Date

Roger STEADMAN BOOKER

, Assignor

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

RECORDED: 05/15/2018

•	*	AE, Eindhoven, the Netherlands, ively "the Assignee") my/our inver	- 10 . 11
	concurrently herewith		
***************************************	d by me/us on		
		aving a Serial No.	
⊠ was med on	. 20 Nov 2010, naving an interne	tional Application No. PCT/EP20	10/0/0210,
and all rights in	and to said application, and all c	ther United States, foreign and inte	ernational patent applications associated
therewith, based	I thereon, or claiming priority the	erefrom including, but not limited to	o, any and all provisionals, non-
provisionals div	risions, continuations, continuation	ons-in-part, re-examinations, reissu	es, and extensions thereof, and the right to
claim priority the applications.	ereto, and the entire and exclusi	ve right, title, and interest in and to	any and all patents granted on these
I/We will provide extent. Upon reliegal proceeding	tives. de my/our cooperation to enable equest at the expense of the Assign including patent prosecution a able, or convenient for securing	the Assignee to enjoy the foregoing mee, I/we agree to execute all pape ctions and infringement actions, an	g right, title, and interest to the fullest rs, take all rightful oaths, testify in all d do all other such acts which may be going invention or for perfecting title
	t I/we have the full right to conv	ey the above rights.	
355	(sign name here)	W. LINANOO	
Date	(print name here)	Ewald ROESSL	, Assignor
New 23" 21	76		
Date	(print name here)	Roger STEADMAN BOOKEI	R , Assignor