PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEFAN VAN DE PAS	06/20/2018
HENDRIK ROELOF STAPERT	12/14/2016

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:	16063858	

CORRESPONDENCE DATA

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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: patti.demichele@Philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

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ATTORNEY DOCKET NUMBER:	2015P01275WOUS
NAME OF SUBMITTER:	WILLIAM J. MCNAMARA
SIGNATURE:	/William J. McNamara/
DATE SIGNED:	06/21/2018

Total Attachments: 2

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> **PATENT** REEL: 046155 FRAME: 0404 504970280

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 a place of business at High Tech Campus 5,5656 AE, Eindhoven, the Netherlands, its successors, assigns, and legal
representatives, including any nominees (collectively "the Assignee") my/our invention for which an application:
is executed concurrently herewith
was executed by me us on
was filed on, having a Serial No
was filed on. 13 Dec 2016, having an International Application No. PCT/EP2016/080708,
and all rights in and to said application, and all other United States, foreign and international patent applications associated
therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-
$provisionals\ divisions, continuations, in-part,\ re-examinations,\ reissues,\ and\ extensions\ thereof,\ and\ the\ right\ to$
claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.
I/We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue
any and all Letters Patent when granted, solely to the Assignee(s), for its sole use, and that of its successors, assigns, and
legal representatives.
I/We will provide my/our cooperation to enable the Assignee to engoy the foregoing right, title, and interest to the fullest
extent. Upon request at the expense of the Assignce, I'we agree to execute all papers, take all rightful oaths, testify in all
legal proceedings including patent prosecution actions and infringement actions, and do all other such acts which may be
necessary desirable or convenient for securing and maintaining nateuts on the foregoing invention or for perfecting title

I/We certify that I/we have the full right to convey the above rights.

thereto in the Assignee.

 2 8 - 86 - 201
 (sign name here)
 (sign name here)
 (print name here)
 (print name here)
 (print name here)
 (print name here)
 Hendrik Roelof STAPERT
 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,

a place of business at l	High Tech Campus 5,5656	ght, title, and interest in the following to AE, Eindhoven, the Netherlands, its succely "the Assignee") my/our invention fo	essors, assigns, and legal
was filed on	ne/us on, hav	ving a Serial Noonal Application No. PCT/EP2016/080	
therewith, based there provisionals divisions	on, or claiming priority ther, continuations, continuations	ner United States, foreign and internation efrom including, but not limited to, any ans-in-part, re-examinations, reissues, and a right, title, and interest in and to any an	and all provisionals, non- extensions thereof, and the right to
		officials in the United States and in any the Assignee(s), for its sole use, and that	
extent. Upon request legal proceedings included necessary, desirable, thereto in the Assigne	at the expense of the Assign luding patent prosecution ac or convenient for securing a	he Assignee to enjoy the foregoing right, nee, I/we agree to execute all papers, take tions and infringement actions, and do a not maintaining patents on the foregoing y the above rights.	e all rightful oaths, testify in all
Paris	(sign name here) (print name here)	Stefan VAN DE PAS	, Assignor
Date 19-dec - 2016	(Difficulty incide)	Steidi tait de las	, 1 1001 2511.01
Date	(print-name here)	Hendrik Roelof STAPERT	, Assignor
		Page 1 of 1	

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