PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GERARD DE HAAN	12/01/2014

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15102649

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NAME OF SUBMITTER:	ERIC G. HALSNE
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DATE SIGNED:	06/08/2016

Total Attachments: 1

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PATENT 503861463 REEL: 038842 FRAME: 0928

ASSIGNMENT

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

•			lowing to Koninklijke Philips N.V., having
			s, its successors, assigns, and legal
representatives, including	g any nominees (collectiv	ely "the Assignee") my/our in	vention for which an application:
is executed concurren	itly herewith		
was executed by me/	us on	***************************************	
was filed on	hav	ving a Serial No	***************************************
was filed on. 28 Nov	2014, having an Internati	onal Application No. PCT/EP	2014/075879,
and all rights in and to sa	aid application, and all oth	ner United States, foreign and i	nternational patent applications associated
therewith, based thereon	, or claiming priority there	efrom including, but not limite	d to, any and all provisionals, non-
provisionals divisions, co	ontinuations, continuation	s-in-part, re-examinations, reis	sues, and extensions thereof, and the right to
	d the entire and exclusive	e right, title, and interest in and	to any and all patents granted on these
applications.			
I/We authorize and reque	est that the Patent Office	officials in the United States an	d in any and all foreign countries to issue
any and all Letters Paten	t when granted, solely to	the Assignee(s), for its sole use	e, and that of its successors, assigns, and
legal representatives.			
I/We will provide my/ou	r cooperation to enable th	ne Assignee to enjoy the forego	ing right, title, and interest to the fullest
extent. Upon request at	the expense of the Assign	ee, I/we agree to execute all pa	pers, take all rightful oaths, testify in all
legal proceedings includ	ing patent prosecution act	ions and infringement actions,	and do all other such acts which may be
necessary, desirable, or o	convenient for securing ar	nd maintaining patents on the fo	oregoing invention or for perfecting title
thereto in the Assignee.			
I/We certify that I/we ha	ve the full right to convey	the above rights.	
			and the second s
01-12-2014	(sign name here)		april.
Date	(print name here)	Gerard-DE HAAN	, Assignor
		But and the second seco	

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