505229552 12/11/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
MARKUS HENDRIKUS VAN ROOSMALEN	02/09/2018
JEROEN HANS NIEUWENHUIS	12/11/2018
PER VENGE	02/01/2018

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:	16308865

CORRESPONDENCE DATA

Fax Number: (914)495-9540

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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patti.demichele@Philips.com Email:

PHILIPS INTELLECTUAL PROPERTY & STANDARD **Correspondent Name:**

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Address Line 2: **SUITE 340**

VALHALLA, NEW YORK 10595 Address Line 4:

ATTORNEY DOCKET NUMBER:	2016P00345WOUS
NAME OF SUBMITTER:	WILLIAM J. MCNAMARA
SIGNATURE:	/William J. McNamara/
DATE SIGNED:	12/11/2018

Total Attachments: 3

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PATENT REEL: 047783 FRAME: 0146 505229552

ASSIGNMENT

Docket No. 2016P00345WOUS

and assign, and transfer to a place of business at Hij	he entire and exclusive r gh Tech Campus 5,5656	ve acknowledge receipt, I/we as a below- ight, title, and interest in the following to AE, Eindhoven, the Netherlands, its succ vely "the Assignee") my/our invention fo	Koninklijke Philips N.V., having essors, assigns, and legal
is executed concurrer	stly herewith		
was executed by me/i	ıs on	***************************************	
		ving a Serial No	
therewith, based thereon, provisionals divisions, co	or claiming priority then ontinuations, continuations.	her United States, foreign and internation refrom including, but not limited to, any ans-in-part, re-examinations, reissues, and eright, title, and interest in and to any an	and all provisionals, non- extensions thereof, and the right t
		officials in the United States and in any a the Assignee(s), for its sole use, and that	
extent. Upon request at t legal proceedings includi	he expense of the Assigning patent prosecution ac	ne Assignee to enjoy the foregoing right, nee, I/we agree to execute all papers, take tions and infringement actions, and do al nd maintaining patents on the foregoing i	all rightful oaths, testify in all tother such acts which may be
I/We certify that I/we ha	ve the full right to conve	y the above rights.	
0-1018 Date)	(sign name here)		mul
Date / /	(print name here)	Markus Hendrikus VAN KOOSMALEN	Assignor , Assignor
Date	(print name here)	Jeroen Hans NIEUWENHUIS	, Assignor
Date	(print name here)	Per VENGE	, Assignor

Page 1 of 1

a place of busines	s at High Tech Campus 5,56	I/we acknowledge receipt, I/we as a below re right, title, and interest in the following 56 AE, Eindhoven, the Netherlands, its sun ctively "the Assignee") my/our invention	to Koninklijke Philips N.V., having
		5 · · · y · · · y · · · · · · · · · · ·	or which an appropriettion:
is executed con	ocurrently herewith		
☐ was executed t	y me/us on	· · · · · · · · · · · · · · · · · · ·	
L. I was filed on	Kerenno ex el cultura de la sacra de la companya d	having a Serial No	essentimos tietos salares;
≥ was nied on. 2	6 Jun 2017, having an Interr	ational Application No. PCT/EP2017/06	5648,
provisionals divisi	ons, continuations, continuat	other United States, foreign and internation including, but not limited to, any ions-in-part, re-examinations, reissues, and five right, title, and interest in and to any at	and all provisionals, non-
I/We authorize and any and all Letters legal representative	ratem when granted, solely	e officials in the United States and in any to the Assignee(s), for its sole use, and tha	and all foreign countries to issue t of its successors, assigns, and
legal proceedings in	so at the expense of the Assi- reluding patent prosecution a c, or convenient for securing	the Assignee to enjoy the foregoing right, gnee, I/we agree to execute all papers, take ctions and infringement actions, and do all and maintaining patents on the foregoing i	all rightful onths, testify in all
I/We certify that I/w	ve have the full right to convi	ey the above rights.	
	(sign name here)		
Date	(print name here)	Markus Hendrikus VAN ROOSMALEN	, Assignor
11-12-2613			
Date	(print name here)	Jeroen Hans NIEUWENHUIS	, Assignor
Date	(print name here)	Per VENGE	Assimur

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, 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

		E, Eindhoven, the Netherlands, its successor by "the Assignee") my/our invention for wh	The state of the s
is executed concurren	uly herewith		
342,333	us on	product throughout to reference and a local	
		ng a Serial No	
		nal Application No. PCT/EP2017/065648,	(**************************************
therewith, based thereon provisionals divisions, co	or claiming priority therefi antinuations, continuations-	r United States, foreign and international patrom including, but not limited to, any and a in-part, re-examinations, reissues, and extendight, title, and interest in and to any and all	Il provisionals, non- isions thereof, and the right to
		ficials in the United States and in any and ale e Assignee(s), for its sole use, and that of its	277 A.A.
extent. Upon request at the legal proceedings include	the expense of the Assignee ing patent prosecution actio	Assignee to enjoy the foregoing right, title, if I/we agree to execute all papers, take all right and infringement actions, and do all othe maintaining patents on the foregoing invent	ghtful oaths, testify in all r such acts which may be
I/We certify that I/we has	ve the full right to convey the	he above rights.	
	(sign name here)		
Date	(print name here)	Markus Hendrikus VAN	, Assignor
		ROOSMALEN	
Date 126/2018	(print name here)	Jeroen Hans NIEUWENHUIS	, Assignor
Date	(print name here)	Per VENGE	, Assignor

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