505415347 04/08/2019

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5462137

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HERFRIED KARL WIECZOREK	01/10/2018
TORSTEN SOLF	01/15/2019
THOMAS FRACH	01/26/2018

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:	16340178

CORRESPONDENCE DATA

Fax Number: (914)495-9540

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ATTORNEY DOCKET NUMBER:	2016P00982WOUS
NAME OF SUBMITTER:	DOUGLAS B. MCKNIGHT
SIGNATURE:	/Douglas B. McKnight/
DATE SIGNED:	04/08/2019

Total Attachments: 3

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PATENT REEL: 048815 FRAME: 0108 505415347

Date

Date	(print name here)	Torsten SOLF	, Assignor
Date	(print name here)	"Herfried Karl WIECZOREK	, Assignor
10.7. 2018	(sign name here)	Henfrad Wiergel	
I/We certify that I/we	have the full right to conve	sy the above rights.	
extent. Upon request legal proceedings inc	at the expense of the Assig luding patent prosecution ac or convenient for securing a	he Assignee to enjoy the foregoing right, t nee, I/we agree to execute all papers, take ctions and infringement actions, and do all and maintaining patents on the foregoing ir	all rightful oaths, testify in all other such acts which may be
	•	officials in the United States and in any are the Assignee(s), for its sole use, and that	· ·
therewith, based there provisionals divisions	con, or claiming priority the s, continuations, continuatio	ther United States, foreign and international refrom including, but not limited to, any and ns-in-part, re-examinations, reissues, and of the right, title, and interest in and to any and	nd all provisionals, non- extensions thereof, and the right to
was filed on	ne/us on, ha	ving a Serial Noional Application No. PCI/EP2017/07710	
•		AE, Eindhoven, the Netherlands, its succe vely "the Assignee") my/our invention for	
and assign, and transf	er the entire and exclusive t	we acknowledge receipt, I/we as a below-right, title, and interest in the following to I	Koninklijke Philips N.V., having

Page 1 of 1

Thomas FRACH

(print name here)

, Assignor

•		ve acknowledge receipt, I/we as a belo	
~ .		ight, title, and interest in the following	
•	-	AE, Eindhoven, the Netherlands, its su	
representatives, inclu	iding any nominees (collecti	vely "the Assignee") my/our invention	for which an application:
is executed concu	arrently herewith		
was executed by	me/us on		
was filed on	, ba	ving a Serial No	
was filed on. 24	Oct 2017, having an Internati	ional Application No. PCT/EP2017/07	77100,
and all rights in and	to said application, and all ot	her United States, foreign and internat	ional patent applications associated
therewith, based the	reon, or claiming priority the	refrom including, but not limited to, an	y and all provisionals, non-
provisionals division	is, continuations, continuatio	ns-in-part, re-examinations, reissues, a	nd extensions thereof, and the right to
claim priority therete	o, and the entire and exclusiv	e right, title, and interest in and to any	and all patents granted on these
applications.			
I/We authorize and a	equest that the Patent Office	officials in the United States and in an	y and all foreign countries to issue
any and all Letters P	atent when granted, solely to	the Assignee(s), for its sole use, and the	hat of its successors, assigns, and
legal representatives	L.		
I/We will provide m	v/our cooperation to enable t	he Assignee to enjoy the foregoing rigi	ot, title, and interest to the fullest
	•	nce, I/we agree to execute all papers, to	
• •	-	tions and infringement actions, and do	
~ . ~	~ ~ ~	nd maintaining patents on the foregoin	
thereto in the Assign	•		
I/We certify that I/w	e have the full right to conve	y the above rights.	
	(sign name here)	**	
Date	(print name here)	Herfried Karl WIECZOREK	, Assignor
01/15/2019		Vode Cog	
Daté	(print name here)	Torsten SOLF	, Assignor
Date	(print name here)	Thomas FRACH	, Assignor

Page 1 of 1

ASSIGNMENT

Docket No. 2016P00982WOUS

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U.S.A. Sole/Joint

and assign, and transfe a place of business at i	r the entire and exclusive rig High Tech Campus 5,5656 A	e acknowledge receipt, I/we as a below- ght, title, and interest in the following to AE, Eindhoven, the Netherlands, its succely "the Assignee") my/our invention for	Koninklijke Philips N.V., having essors, assigns, and legal
Was filed on	e/us on Autonomous	ing a Serial No	
therewith, based therecorrections,	on, or claiming priority there continuations, continuation	er United States, foreign and internation from including, but not limited to, any a s-in-part, re-examinations, reissues, and right, title, and interest in and to any and	and all provisionals, non- extensions thereof, and the right t
•		officials in the United States and in any a he Assignee(s), for its sole use, and that	-
extent. Upon request a legal proceedings inclu	it the expense of the Assignation action act	e Assignee to enjoy the foregoing right, ee, I/we agree to execute all papers, take ions and infringement actions, and do all d maintaining patents on the foregoing i	all rightful oaths, testify in all other such acts which may be
I/We certify that I/we	nave the full right to convey	the above rights.	
	(sign name here)		
Date	(print name here)	Herfried Karl WIECZOREK	, Assignor
Date 1/26/2018	(print name here)	Torsten SOLF	Assignor
Date	(print name here)	Thomas FRACH	, Assignor

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PATENT REEL: 048815 FRAME: 0111