504862505 04/11/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HEIKE CAROLUS	07/13/2016
SVEN KABUS	07/14/2016
TOBIAS KLINDER	04/11/2018
HOLGER SCHMITT	07/12/2016

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:	15737325

CORRESPONDENCE DATA

Fax Number: (914)495-9540

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.

Phone: 914-495-9516

Email: jaclyn.busta@philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

Address Line 1: 465 COLUMBUS AVENUE

Address Line 2: SUITE 340

Address Line 4: VALHALLA, NEW YORK 10595

ATTORNEY DOCKET NUMBER:	2015P00684WOUS
NAME OF SUBMITTER:	DOUGLAS B. MCKNIGHT
SIGNATURE:	/Douglas B. McKnight/
DATE SIGNED:	04/11/2018

Total Attachments: 3

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PATENT 504862505 REEL: 045501 FRAME: 0109

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PATENT REEL: 045501 FRAME: 0110

Date

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 a	t High Tech Campus 5,5656	ight, title, and interest in the following AE, Eindhoven, the Netherlands, its rely "the Assignee") my/our invention	
was filed on	me/us on, ha	ving a Serial No	
therewith, based then provisionals division	reon, or claiming priority theres, continuations, continuations,	efrom including, but not limited to,	, and extensions thereof, and the right to
	atent when granted, solely to	officials in the United States and in the Assignee(s), for its sole use, and	any and all foreign countries to issue i that of its successors, assigns, and
extent. Upon reques legal proceedings inc	t at the expense of the Assign cluding patent prosecution ac or convenient for securing a	ne Assignee to enjoy the foregoing rates, I/we agree to execute all papers, tions and infringement actions, and and maintaining patents on the forego	, take all rightful oaths, testify in all do all other such acts which may be
I/We certify that I/w	e have the full right to conve	y the above rights.	
<u> </u>	(sign name here)	M.C. A.A.S. Heire CAROLUS	, Assignor
/ Y , A . A & Date	(print name here)). C.A. Syen KABUS	, Assignor
Date	(print name here)	Tabias KLINDER	, Assignor

Holger SCHMITT

(print name here)

, Assigner

and assign, and transfer to a place of business at Hi	the entire and exclusive rig gh 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 succeily "the Assignee") my/our invention for	Koninklijke Philips N.V., having cessors, assigns, and legal
is executed concurred	ntly herewith		
		ing a Serial No	
*****		onal Application No. PCT/EP2016/065.	
therewith, based thereon provisionals divisions, co	, or claiming priority there ontinuations, continuation	er United States, foreign and internation ofrom including, but not limited to, any s-in-part, re-examinations, reissues, and 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 a the Assignee(s), for its sole use, and that	•
extent. Upon request at legal proceedings includ	the expense of the Assignating patent prosecution acti	e Assignee to enjoy the foregoing right, se, I/we agree to execute all papers, take ions and infringement actions, and do al d maintaining patents on the foregoing	e all rightful oaths, testify in all Il other such acts which may be
I/We certify that I/we ha	ve the full right to convey	the above rights.	
	(sign namë here)		
Date	(print name here)	Heike CAROLUS	, Assignor
Date	(print name here)	Sven KABUS	, Assignox
11.4.2018		The H	
Date	(print name here)	Tobias KLINDER	, Assignor

Holger SCHMITT

(print name here)

Date

, Assignor

U.S.A. Sole/Joint

ASSIGNMENT

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

and assign, and trans	ter the entire and exclusive i	ight, tille, and interest in the follow	ing to Kominklijke Philip	s N.V., having
a place of business at	High Tech Campus 5,5656	AE, Eindhoven, the Netherlands, it	s successors, assigns, and	d legal
representatives, inclu	iding any nominces (collecti	vely "the Assignee") my/our invent	ion for which an applicat	tion:
is executed concu	rrently herewith			
was executed by i	me/us on	***************************************		
was filed on		ving a Serial No.		
		ional Application No. PCT/EP2016		
KN	**************************************	K V		
and all rights in and t	n said application, and all of	her United States, foreign and inter	national natent application	me appropriated
		refrom including, but not limited to		
		ns-in-part, re-examinations, reissue		
18 T	, and the entire and exclusiv	e right, title, and interest in and to a	ny and an patents grante	a on these
applications.				
7.737.2 S. 400 ·	and the second second		0 . 00 0000 000	a
		officials in the United States and in		
	atent when granted, solely to	the Assignee(s), for its sole use, an	d that of its successors, a	issigns, and
legal representatives.				
I/We will provide my	//our cooperation to enable t	he Assignee to enjoy the foregoing	right, title, and interest to	o the fullest
extent. Upon request	t at the expense of the Assig	nee, I/we agree to execute all papers	s, take all rightful oaths, i	testify in all
legal proceedings inc	luding patent prosecution ac	tions and infringement actions, and	do all other such acts w	hich may be
necessary, desirable,	or convenient for securing a	nd maintaining patents on the foreg	oing invention or for per	rfecting title
thereto in the Assigne				
3				
I/We certify that I/we	s have the full right to conve	v the above rights.		
	fatali aanii adaan			
	(sign name here)	27 		3000
Date	(print name here)	Heike CAROLUS	, Assigno	f
8 8 8 - V	92 	19 19 36 1990 190 190 190		± ±
Date	(print name here)	Sven KABUS	, Assigno	F
Date	(print name here)	Tobias KLINDER	, Assigno	r
112 7086		dolp bolez		
//2,2,20/6 Date	(print name here)	Holger SCHMITT	, Assigno	
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PATENT REEL: 045501 FRAME: 0113