504564450 09/26/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4611161

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GEORGE RANDALL DUENSING	03/15/2016
ARNE REYKOWSKI	03/15/2016
TIMOTHY ORTIZ	03/15/2016

RECEIVING PARTY DATA

Name:	KONINKLIJKE PHILIPS N.V.
Street Address:	HIGH TECH CAMPUS 5
City:	EINDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5656AE

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15561536

CORRESPONDENCE DATA

Fax Number:

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: marianne.fox@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:	2015P00197WOUS
NAME OF SUBMITTER:	MARIANNE FOX
SIGNATURE:	/marianne fox/
DATE SIGNED:	09/26/2017

Total Attachments: 1

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PATENT 504564450 REEL: 043688 FRAME: 0886

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 K	oninklijke Philips N.V., having
a place of business at High Tech Campus 5,5656 AE, Eindhoven, the Netherlands, its success	sors, assigns, and legal
representatives, including any nominees (collectively "the Assignee") my/our invention for v	which an application:
is executed concurrently herewith	
was executed by me/us on	
was filed on. , having a Serial No.	
was filed on. 14 Mar 2016, having an International Application No. PCT/IB2016/05143	
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 an	d all provisionals, non-
provisionals divisions, continuations, continuations-in-part, re-examinations, reissues, and ex	ctensions thereof, and the right to
claim priority thereto, and the entire and exclusive right, title, and interest in and to any and applications.	all patents granted on these
I/We authorize and request that the Patent Office officials in the United States and in any and	d all foreign countries to issue
any and all Letters Patent when granted, solely to the Assignee(s), for its sole use, and that o	f its successors, assigns, and
legal representatives.	en e
I/We will provide my/our cooperation to enable the Assignee to enjoy the foregoing right, tit	le, and interest to the fullest
extent. Upon request at the expense of the Assignee, I/we agree to execute all papers, take a	ll rightful oaths, testify in all
legal proceedings including patent prosecution actions and infringement actions, and do all c	other such acts which may be
necessary, desirable, or convenient for securing and maintaining patents on the foregoing inv	vention or for perfecting title
thereto in the Assignee.	
I/We certify that I/we have the full right to convey the above rights.	
3/15/16 GEOLGE DUEWS/AL Z. J. J. J.	
Date / (print name here) General Randall DUENSING	A and are are
	, Assignor
Date (print having here) Arme REYKOWSKI	A cos con con
3/15/16 Timothy Ortiz 400	, Assignor
Date (print name, here) Timothy ORTIZ	, Assignor

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RECORDED: 09/26/2017