

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT4801854

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHANNES HENDRIKUS MARIA SPRUIT	07/15/2016
ALEXANDER MARC VAN DER LEE	07/15/2016
GERBEN KOOIJMAN	07/15/2016
OKKE OUWELTJES	01/16/2018
JOACHIM WILHELM HELLMIG	07/15/2016
ARNOLDUS JOHANNES MARTINUS JOZEPH RAS	01/29/2018
PETRUS THEODORUS JUTTE	07/15/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KONINKLIJKE PHILIPS N.V.
<b>Street Address:</b>	HIGH TECH CAMPUS 5
<b>City:</b>	EINDHOVEN
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	5656AE
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15748207
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Phone:</b>	914-495-9516
<b>Email:</b>	MARIANNE.FOX@Philips.com
<b>Correspondent Name:</b>	PHILIPS INTELLECTUAL PROPERTY & STANDARD
<b>Address Line 1:</b>	465 COLUMBUS AVENUE
<b>Address Line 2:</b>	SUITE 340
<b>Address Line 4:</b>	VALHALLA, NEW YORK 10595
<b>ATTORNEY DOCKET NUMBER:</b>	2015P01037WOUS
<b>NAME OF SUBMITTER:</b>	MARIANNE FOX
<b>SIGNATURE:</b>	/MARIANNE FOX/
<b>DATE SIGNED:</b>	01/31/2018

PATENT

**Total Attachments: 7**

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- is executed concurrently herewith
- was executed by me/us on .....
- was filed on ....., having a Serial No. ....
- was filed on. 15 Jul 2016, having an International Application No. PCT/EP2016/066873,

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 and all provisionals, non-provisionals divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

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I/We certify that I/we have the full right to convey the above rights.

<u>15-7-16</u> Date	(sign name here) ..... (print name here)	<u>H Spruit</u> Johannes Hendrikus Maria SPRUIT	, Assignor
..... Date	(print name here)	Alexander Marc VAN DER LEE	, Assignor
..... Date	(print name here)	Gerben KOOLJMAN	, Assignor
..... Date	(print name here)	Okke OUWELTJES	, Assignor
..... Date	(print name here)	Joseph Wilhelm HELLMIG	, Assignor
..... Date	(print name here)	Arnoldus Johannes Martinus Jozeph RAS	, Assignor
..... Date	(print name here)	Petrus Theodorus JUTTE	, Assignor

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..... Date	..... (print name here)	Gerben KOOLJMAN	..... , Assignor
..... Date	..... (print name here)	Okke OUWELTJES	..... , Assignor
..... Date	..... (print name here)	Joachim Wilhelm HELLMIG	..... , Assignor
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15 July 2016 Date	(print name here)	 Gerben KOOLMAN	..... , Assignor
..... Date	(print name here)	Okke OUWELTJES	..... , Assignor
..... Date	(print name here)	Joachim Wilhelm HELLMIG	..... , Assignor
..... Date	(print name here)	Arnoldus Johannes Martinus Jozeph RAS	..... , Assignor
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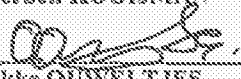
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_____	(print name here)	_____	_____
Date	(print name here)	Alexander Marc VAN DER LEE	, Assignor
_____	(print name here)	_____	_____
Date	(print name here)	Gerben KOOIJMAN	, Assignor
16-01-2018	(print name here)		_____
Date	(print name here)	Okke OUWELTJES	, Assignor
_____	(print name here)	_____	_____
Date	(print name here)	Joachim Wilhelm HELLMIG	, Assignor
_____	(print name here)	_____	_____
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..... Date	(print name here)	Gerben KOOLJMAN	..... , Assignor
..... Date	(print name here)	Okke OUWELTJES	..... , Assignor
15/7/2016 Date	J. HELLMIG (print name here)	J. Hellmig Joachim Wilhelm HELLMIG	..... , Assignor
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..... Date	(print name here)	Joachim Wilhelm HELLMIG	..... , Assignor
29-01-2016 Date	(print name here)	 Arnoldus Johannes Martinus Jozeph RAS	..... , Assignor
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