

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5654961

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DANIEL SIMON ANNA RUIJTERS	12/21/2018
FRED SIMON BEREND VAN NIJNATTEN	11/20/2018
JAVIER OLIVAN BESCOS	01/09/2019
RONALDUS PETRUS JOHANNES HERMANS	03/12/2018
ADRIE BASELMANS	12/21/2018
INA KLEIN TEESELINK	11/21/2018
JEROEN GERARD SCHEEPENS	12/10/2018
WALTER EVERARD CARELS	11/20/2018
THIJS GRUNHAGEN	11/21/2018
<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>	5656 AE
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16483899
<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>	barbara.kinney@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>	2016P01189WOUS
<b>NAME OF SUBMITTER:</b>	EDWARD W. GOODMAN

PATENT

<b>SIGNATURE:</b>	/Edward W. Goodman/
<b>DATE SIGNED:</b>	08/06/2019
<b>Total Attachments: 9</b> source=2016P01189WOUS_Signed_Dec_Assign#page1.tif source=2016P01189WOUS_Signed_Dec_Assign#page2.tif source=2016P01189WOUS_Signed_Dec_Assign#page3.tif source=2016P01189WOUS_Signed_Dec_Assign#page4.tif source=2016P01189WOUS_Signed_Dec_Assign#page5.tif source=2016P01189WOUS_Signed_Dec_Assign#page6.tif source=2016P01189WOUS_Signed_Dec_Assign#page7.tif source=2016P01189WOUS_Signed_Dec_Assign#page8.tif source=2016P01189WOUS_Signed_Dec_Assign#page9.tif	

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s) or inventor, hereby sell, and assign, and transfer the entire and exclusive right, title, and interest in the following to Koninklijke Philips N.V., having a place of business at High Tech Campus 5, 5656 AE, Eindhoven, the Netherlands, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee") my/our invention for which an application:

- ☐ is executed concurrently herewith  
☐ was filed on \*\*\*, having a United States Application No. \*\*\*  
☒ was filed on 2018-Jan-29, having an International Application No. PCT/EP2018/052042.

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

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Date: 21 Dec 2018	Signature: 	Assignor/Inventor
Date: _____	Signature: Daniel Simon Anna RUIJTERS	Assignor/Inventor
Date: _____	Signature: Fred Simon Berend VAN NIJNATTEN	Assignor/Inventor
Date: _____	Signature: Javier OLIVAN BESCOS	Assignor/Inventor
Date: _____	Signature: Ronaldus Petrus Johannes HERMANS	Assignor/Inventor
Date: _____	Signature: Adrie BASELMANS	Assignor/Inventor
Date: _____	Signature: Ina KLEIN TEESELINK	Assignor/Inventor
Date: _____	Signature: Jeroen Gerard SCHEEPENS	Assignor/Inventor
Date: _____	Signature: Walter Everard CARELS	Assignor/Inventor
Date: _____	Signature: Thijs GRUNHAGEN	Assignor/Inventor

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Date: _____	Signature: _____	Assignor/Inventor
Date: 20 Nov 2018	Signature: Daniel Simon Anna RUIJTERS	Assignor/Inventor
Date: _____	Signature: Fred Simon Berend VAN NIJNATTEN	Assignor/Inventor
Date: _____	Signature: Javier OLIVAN BESCOS	Assignor/Inventor
Date: _____	Signature: Ronaldus Petrus Johannes HERMANS	Assignor/Inventor
Date: _____	Signature: Adrie BASELMANS	Assignor/Inventor
Date: _____	Signature: Ina KLEIN TEESELINK	Assignor/Inventor
Date: _____	Signature: Jeroen Gerard SCHEEPENS	Assignor/Inventor
Date: _____	Signature: Walter Everard CARELS	Assignor/Inventor
Date: _____	Signature: Thijs GRUNHAGEN	Assignor/Inventor

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Date: _____	Signature: _____	Assignor/Inventor
	Daniel Simon Anna RUIJTERS	
Date: _____	Signature: _____	Assignor/Inventor
	Fred Simon Berend VAN NIJNATTEN	
Date: 9-Jan-2019	Signature: _____	Assignor/Inventor
	Javier OLIVAN BESCOS	
Date: _____	Signature: _____	Assignor/Inventor
	Ronaldus Petrus Johannes HERMANS	
Date: _____	Signature: _____	Assignor/Inventor
	Adrie BASELMANS	
Date: _____	Signature: _____	Assignor/Inventor
	Ina KLEIN TEESELINK	
Date: _____	Signature: _____	Assignor/Inventor
	Jeroen Gerard SCHEEPENS	
Date: _____	Signature: _____	Assignor/Inventor
	Walter Everard CARELS	
Date: _____	Signature: _____	Assignor/Inventor
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Date: _____	Signature: _____	Assignor/Inventor
	Daniel Simon Anna RUIJTERS	
Date: _____	Signature: _____	Assignor/Inventor
	Fred Simon Berend VAN NIJNATTEN	
Date: _____	Signature: _____	Assignor/Inventor
	Javier OLIVAN BESCOS	
Date: 23/12/2018	Signature: _____	Assignor/Inventor
	Ronaldus Petrus Johannes HERNIANS	
Date: _____	Signature: _____	Assignor/Inventor
	Adrie BASELMANS	
Date: _____	Signature: _____	Assignor/Inventor
	Ina KLEIN TEESELINK	
Date: _____	Signature: _____	Assignor/Inventor
	Jeroen Gerard SCHEEPENS	
Date: _____	Signature: _____	Assignor/Inventor
	Walter Everard CARELS	
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	Daniel Simon Anna RUIJTERS	
Date: _____	Signature: _____	Assignor/Inventor
	Fred Simon Berend VAN NIJNATTEN	
Date: _____	Signature: _____	Assignor/Inventor
	Javier OLIVAN BESCOS	
Date: _____	Signature: _____	Assignor/Inventor
	Ronaldus Petrus Johannes HERMANS	
Date: 21-12-2018	Signature: 	Assignor/Inventor
	Adrie BASTELMANS	
Date: _____	Signature: _____	Assignor/Inventor
	Ina KLEIN TEESELINK	
Date: _____	Signature: _____	Assignor/Inventor
	Jeroen Gerard SCHEEPENS	
Date: _____	Signature: _____	Assignor/Inventor
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Date: _____	Signature: _____	Assignor/Inventor
	Fred Simon Berend VAN NIJNATTEN	
Date: _____	Signature: _____	Assignor/Inventor
	Javier OLIVAN BESCOS	
Date: _____	Signature: _____	Assignor/Inventor
	Ronaldus Petrus Johannes HERMANS	
Date: _____	Signature: _____	Assignor/Inventor
	Adrie BASELMANS	
Date: 21-Nov-2018	Signature: _____	Assignor/Inventor
	Ina KLEIN TEESELINK	
Date: _____	Signature: _____	Assignor/Inventor
	Jeroen Gerard SCHEEPENS	
Date: _____	Signature: _____	Assignor/Inventor
	Walter Everard CARELS	
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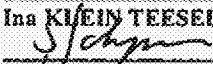
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Date: _____	Signature: _____	Assignor/Inventor
	Adrie BASELMANS	
Date: _____	Signature: _____	Assignor/Inventor
	Ina KLEIN TEESELINK	
Date: 2018 Dec 10	Signature: 	Assignor/Inventor
	Jeroen Geerd SCHEEPENS	
Date: _____	Signature: _____	Assignor/Inventor
	Walter Everard CARELS	
Date: _____	Signature: _____	Assignor/Inventor
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Date: _____	Signature: _____	Assignor/Inventor
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	Javier OLIVAN BESCOS	
Date: _____	Signature: _____	Assignor/Inventor
	Ronaldus Petrus Johannes HERMANS	
Date: _____	Signature: _____	Assignor/Inventor
	Adrie BASELMANS	
Date: _____	Signature: _____	Assignor/Inventor
	Ina KLEIN TEESELINK	
Date: _____	Signature: _____	Assignor/Inventor
	Jeroen Gerard SCHEEPENS	
Date: 20 Nov 2018	Signature: _____	Assignor/Inventor
	Walter Everard CARELS	
Date: _____	Signature: _____	Assignor/Inventor
	Thijs GRUNHAGEN	

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Date: _____	Signature: _____	Assignor/Inventor
	Daniel Simon Anna RUIJTERS	
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