505881418 01/24/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5928243

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHIAS IRMSCHER	05/09/2019
TOON HENDRIK EVERS	02/16/2018
STEFAN JOHANNES HENDRIKUS TOONEN	02/08/2018
MARLIEKE JOAN OVERDIJK	01/23/2020
HARMA MARTINE FEITSMA	02/12/2018
THOMAS JOHANNES VAN GIJSEL	03/28/2019
WILBERT HENDRIK BOUWMAN	02/09/2018
EVELINE CATHARINA ANNA CLASINA DEN BIEZEN-TIMMERMANS	02/08/2018
WILLEM-JAN AREND DE WIJS	04/01/2019

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:	16337738

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.

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Email: barbara.kinney@Philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

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ATTORNEY DOCKET NUMBER:	2016P00804WOUS
NAME OF SUBMITTER:	BARBARA KINNEY

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SIGNATURE:	/Barbara Kinney/
DATE SIGNED:	01/24/2020
Total Attachments: 18	
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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 Koninklijke Philips N.V., having a place of business at High Tech Campus 5.3656 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 berewith mas executed by me/us on was filed on. _____, having a Scrial No. _____ was filed on. 29 Sep 2017, having an International Application No. PCT/EP2017/074742, 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, nonprovisionals 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. I/We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to the Assignee(s), for its sole use, and that of its successors, assigns, and legal representatives. I/We will provide my/our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, I/we agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecution actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee. I/We certify that I/we have the full right to convey the above lights. (sign name here) (print name here) Date Assignor Date Toon Hendrik EVERS (print name here) , Assignor Date (print name here) Stefan Johannes Hendrikus TOONEN Date (print name here) Marlieke Joan OVERDIJK Assignor Date Harma Martine FFITSMA (print name here) Assignor Tom VAN GUSEL Date (print name here) . Assignor Date Wilbert Hendrik BOUWMAN (print name here) Assignor

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Cathorina Anna Clasica DEN BIEZEN-TIMMERMANS

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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 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 Assignce") my/our invention for which an application:

☐ was executed by me/us on	🛚 was filed on. 29 Sep 201	7, having an Internationa	Application No.	PCT/EP2017/07	4742,
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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.

I/We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to the Assignee(s), for its sole use, and that of its successors, assigns, and legal representatives.

I/We will provide my/our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, I/we agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecution actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee.

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

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Date 16/2/20.8	(print name here)	Matthias IRMSCHER	, Assignor
Date	(print name here)	Toon Hendrik EVERS	, Assignor
Date	(print name here)	Stefan Johannes Hendrikus TOONEN	, Assignor
Date	(print name here)	Marlieke Joan OVERDIJK	, Assignor
Date	(print name here)	Harma Martine FEITSMA	, Assignor
Date	(print name here)	Tom VAN GUSEL	, Assignor
Date	(print name here)	Wilbert Hendrik BOUWMAN	, Assignor
Date	(print name here)	Eveline Catharina Anna Clasina DFN BIF7EN-TIMMFRMANS	, Assignor

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was filed o	on. 29 Sep 2017 , having an I nt	ernational Application No. PCT/EP2017/074742	
and all rights	in and to said application, and	all other United States, foreign and international p	patent applications associated
therewith, bas	sed thereon, or claiming priori	y therefrom including, but not limited to, any and	all provisionals, non-
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claim priority	thereto, and the entire and ex-	clusive right, title, and interest in and to any and a	l patents granted on these
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Date	(print name here)	Matthias IRMSCHER	, Assignor
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Date	(print name here)	Toon Hendrik EVLRS	, Assignor
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Date	(print name here)	Stefan Mannes Hendrikus TOONEN	, Assignor
Date	(print name here)	Marileke Joan OVERDLIK	Assignor

Harma Martine FEITSMA

Wilbert Hendrik BOUWMAN

Catharina Anna Clasina DEN BIEZEN-TIMMERMANS

Tom VAN GIJSEL

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Date

(print name here)

Eveline

Catharina Anna Clasina DEN BIEZEN-TIMMERMANS

PATENT REEL: 051612 FRAME: 0528

Date	(print name here)	Willem-Jan Arend DE WIJS	, Assignor
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PATENT REEL: 051612 FRAME: 0529

For good and valu	able consideration, of whi	ich I/we acknowledge receipt, I/we as a below-nam	ed Assignor(s), hereby sell.
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I/We certify that I	/we have the full right to	convey the above rights	
	(sign name here)		
Date	(print name here)	Matthias IRMSCHER	, Assignor
Date	(print name here)	Toon Hendrik EVERS	, Assignor
Date	(print name here)	Stefan Johannes Hendrikus TOONEN	, Assignor
Date (7-07-75)	(print name here)	Marlieke Joan OVERDIJK	, Assignor
Date	(print name here)	Ifarina Martine FEITSMA	, Assignor
Date	(print name here)	Tom VAN GUSEL	, Assignor
Date	(print name here)	Wilbert Hendrik BOUWMAN	, Assignor

Catharina Anna Clasina DEN BIEZEN-TIMMERMANS

(print name here)

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	(sign name here)		
Date	(print name here)	Matthias IRMSCHER	, Assignor
Date	(print name here)	Toon Hendrik EVERS	, Assignor
Date	(print name here)	Stefan Johannes Hendrikus TOONEN	, Assignor
Date	(print name here)	Marlieke Jose OVERDIJK	, Assignor
Date	(print name here)	Harma Martine FEITSMA	, Assignor
Date 03/28/2019		Thomas Johannes VAN GUSEL	, Assignor
Date	(print name here)	Wilbert Hendrik BOUWMAN	, Assignor
Date	(print name here)	Eveliae Catharina Anna Clasina DEN BIEZEN-TIMMERMANS	, Assignor

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I/We certify that I	I/we have the full right to (sign name here)	convey the above rights.	
Date	(print name here)	Matthias IRMSCHER	, Assignor
Date	(print name here)	Toon Hendrik EVERS	, Assignor
Date	(print name here)	Stefan Johannes Hendrikus TOONEN	, Assignor
Date	(print name here)	Marlieke Joan OVERDIJK	, Assignor
Date	(print name here)	Harma Martine FEITSMA	, Assignor
Date	(print name here)	Tom VAN GIJSEL	, Assignor
<u>02-03-2018</u> Date	(pristrame here)	Wilbert Hendrik BOUWMAN	, Assignor
Date	(nrint name here)	Eveline	å cairmor

Catharina Anna Clasina DEN BIEZEN-TIMMERMANS

Date (print name here) Willem-Jan Arend DE WHS , Assignor

Page 2 of 2

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Date

Date

Of-FEB- 2018

(print name here)

E. DEM BREZEM (prior name here)

and assign, an a place of bus	id transfer the entire and excluiness at High Tech Campus 5	tich I/we acknowledge receipt, I/we as a below-musive right, title, and interest in the following to K ,5656 AE, Eindhoven, the Netherlands, its succest ollectively "the Assignee") my/our invention for	Coninklijke Philips N.V., having Isors, assigns, and legal
is executed	d concurrently herewith		
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was filed o	on. 29 Sep 2017, having an In	ternational Application No. PCT/EP2017/07474	2,
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Date	(print name here)	Matthias IRMSCHER	, Assignor
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Date	(print name here)	Marlieke Joan OVERDIJK	, Assignor
Date	(print name here)	Harma Martine FEITSMA	, Assignor
Date	(print name here)	Tom VAN GIJSEL	, Assignor

Wilbert Hendrik BOUWMAN

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PATENT REEL: 051612 FRAME: 0536

, Assignor

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and assign, at a place of bus	nd transfer the entire and exclusioness at High Tech Campus 5,	ich I/we acknowledge receipt, I/we as a below-name sive right, title, and interest in the following to Ko 5656 AE, Eindhoven, the Netherlands, its success- illectively "the Assignee") my/our invention for w	ninklijke Philips N.V., having ors, assigns, and legal
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Date	(print name here)	Marlieke Joan OVERDIJK	, Assignor
Date	(print name here)	Harma Martine FEITSMA	, Assignor
Date	(print name here)	Tom VAN GIJSEL	, Assignor
Date	(print name here)	Wilbert Hendrik BOUWMAN	

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Catharina Anna Clasina DEN BIEZEN-TIMMERMANS

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