# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7219762

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
NICO MARIS ADRIAAN DE WILD	07/01/2019
IGOR WILHELMUS FRANCISCUS PAULUSSEN	07/01/2019
RICK BEZEMER	12/26/2018
SABINA MANZARI	01/16/2019
DENNY MATHEW	02/18/2019
FRANCISCUS HENDRIKUS VAN HEESCH	01/07/2019
CHRISTIANUS MARTINUS VAN HEESCH	01/02/2020
RONALDUS MARIA AARTS	01/08/2019

# **RECEIVING PARTY DATA**

Name:	KONINKLIJKE PHILIPS N.V.
Street Address:	HIGH TECH CAMPUS 52
City:	EINDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5656 AG

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16767626

### **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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Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

Address Line 1: 1600 SUMMER STREET

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ATTORNEY DOCKET NUMBER:	2017P02544WOUS
NAME OF SUBMITTER:	DEBORAH HENN
SIGNATURE:	/Deborah Henn/

DATE SIGNED:	03/11/2022	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 8		
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was filed on 2018-Nov-30, having an International Application No. PCT/EP2018/083072,

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. ***

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 paths, 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.

As a below-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original Inventor or an original joint Inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Date: <u>] 1 - 1025</u>	Signature:	NicerWaris Adriasa DE WILD	Assignor/Inventor
Date:	Signature:		Assignor/Inventor
	-	Igor Wilhelmus Franciscus PAULUSSEN	
Date:	Signature:	·	Assignor/Inventor
		Rick BEZEMER	
Date:	Signature:	·	Assignor/Inventor
		Sabina MANZARI	
Date:	Signature:	<u> </u>	Assignor/Inventor
		Denny MATHEW	
Date:	Signature:		Assignor/Inventor
	~	Franciscus Hendrikus VAN HEESCH	
Date:	Signature:	3	Assignor/Inventor
	••• •	Christianus Martinus VAN HEESCH	
Date:	Signature:		Assignor/Inventor
	**	Ranalduc Maria AARTS	**

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Date:		Signature:	3	Assignor/Inventor
Date:	<del>Z-1-</del> 2019	Signature:	Nico Maris Adriana DE WILD  Igor Mithing Edwardscus PAULUSSEN	Assignor/Inventor
Date:		Signature:	Rick BEZENIER	Assignor/Inventor
Oate:		Signature:	Sahisa MANZARI	Assignar/Inventor
Date:		Signature:	Denny MATHEW	Assignor/inventor
Date:		Signature:	Franciscus Hendrikus VAN HEESCH	Assignor/Inventor
Date:		Signature:	Christianus Martinus VAN HEESCH	Assignor/Inventor
Date:		Signature:	Renaldus Maria AARTS	Assignor/Inventor

Date:

Date:

Signature:

Signature:

hereby sell, and assign, and tran having a place of business at Hi	nsfer the enting gh Tech Cam	I I/we acknowledge receipt. I/we as a below-named e and exclusive right, title, and interest in the followi pus 5, 5656 AE, Eindhoven, the Netherlands, its su ectively "the Assignee") my/our invention for which a	ing to Koninklijke Philips N.V., ccessors, assigns, and legal
☐ is executed concurrently her☐ was filed on ***, having a Un ☐ was filed on <b>2018-Nov-30</b> , h	iited States A;	oplication No. *** national Application No. PCT/EP2018/083072,	**
therewith, based thereon, or claid visions, continuations, continuations, continuations.	ming priority t ations-in-part,	I other United States, foreign and international pate herefrom including, but not limited to, any and all pr re-examinations, reissues, and extensions thereof, , and interest in and to any and all patents granted	rovisionals, non-provisionals, and the right to claim priority
		fice officials in the United States and in any and all the Assignee(s), for its sole use, and that of its suc	
Upon request at the expense of proceedings including patent pro	the Assignee, secution action	the Assignee to enjoy the foregoing right, title, and law agree to execute all papers, take all rightful or one and infringement actions, and do all other suching and maintaining patents on the foregoing inventing	aths, testify in all legal acts which may be
I/We certify that I/we have the fu	li right to conv	ey the above rights.	
		that the above-identified application was made or a all joint Inventor of a claimed invention in the applica	
hereby acknowledge that any viring risonment of not more than fi		tement made in this declaration is punishable unde or both.	r 18 U.S.C. 1001 by fine or
Date:	Signature:		Assignor/Inventor
Date:	Signature:	Nice Maris Adriaga DE WILD	Assignor/Inventor
Date: 2 <u>5/12/201</u> 8	Signature:	Igor Wilhelmus Franciscus PAULUSSEN	Assignor/inventor
Date:	Signature:	Rick DEZEMER	Assignor/Inventor
Date:	Signature:	Sabina MANZARI	Assignor/Inventor
Date:	Signature:	Denny MATHEW  Franciscus Hendrikus VAN HEESCH	Assignor/Inventor

Christianus Martinus VAN HEESCH

Ronaldus Maria AARTS

PATENT REEL: 059236 FRAME: 0424

Assignor/Inventor

Assignor/Inventor

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:

[In it is executed concurrently herewith in the inventor of the inv

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, little, and interest in and to any and all patents granted on these applications.

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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.

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Date:	Signature:		Assignor/Inventor
Date:	Signature:	Nico Maris Adriaan DE WILD	Assignor/Inventor
mma.	a Stranger	Igor Wilhelmus Franciscus PAULUSSEN	· marghrani an anna
Date:	Signature:		Assignor/Inventor
Date: <u>16/21/2213</u>	Signature:	Rick BEZENIER  Sebins MANZARI	Assignor/Inventor
Date:	Signature:	Santan marinamen	Assignor/Inventor
		Denny MATHEW	<i>w</i>
Date:	Signature:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Assignor/Inventor
Date:	Signature:	Franciscus Hendrikus VAN HEESCH	Assignor/Inventor
a later. ""m"	nother services	Christianus Martinus VAN HEESCH	
Date:	Signature:		Assignor/Inventor
		Ronaldus Maria AARTS	

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	is executed concurrently herewith
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$\boxtimes$	was filed on 2018-Nov-30, having an International Application No. PCT/EP2018/063072

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Date:		Signature:	Nica Maris Adriaan DE WILD	Assignor/Inventor
Date:		Signature:	Igor Wilhelmus Franciscus PAULUSSEN	Assignor/Inventor
Date:		Signature:	REE BEZERER	Assignor/Inventor
Date:		Signature:		Assignor/Inventor
Date:	18/02/2019	Signature:	Sabina MANZARI  Denny MATHEW	Assignor/Inventor
Date:		Signature:	Franciscus Hendrikus VAN HEESCH	Assignor/Inventor
Date:		Signature:		Assignor/Inventor
Date:		Signature:	Christianus Martinus VAN HEESCH	Assignor/Inventor

Date: 7 1914 2014

Date:

Date:

Signature:

Signature:

Signature:

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:				
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Date:	Signature:		Assignor/Inventor	
		Nico Maris Adriasa DE WILD	v	
Date:	Signature:	Igor Wilhelmus Franciscus PAULUSSEN	Assignor/Inventor	
Date:	Signature:	Rick BEZEMER	Assignor/Inventor	
Date:	Signature:	Sabina MANZARI	Assignor/Inventor	
Date:	Signature:	Name of the second	Assignor/Inventor	

Franciscus Hendrikus VAN HEESCH

Christianus Martinus VAN HEESCH

Ronaldus Maria AARTS

PATENT REEL: 059236 FRAME: 0427

Assignor/Inventor

Assignor/Inventor

Assignor/Inventor

#### **ASSIGNMENT & DECLARATION**

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Date:	Signature:		, Assignor/Inventor
Date:	Signature:	Nico Maris Adriaan DE WILD	, Assignor/Inventor
Date:	Signature:	Igor Wilhelmus Franciscus PAULUSSEN	, Assignor/Inventor
Date:	Signature:	Rick BEZEMER	, Assignor/Inventor
Date:	Signature:	Sabina MANZARI	, Assignor/Inventor
Date:	Signature:	Denny MATHEW	, Assignor/Inventor
Date:	Signature:	Franciscus Hendrikus VAN HEESCH Electronicaily signed by: Chris van Heesch Date: Jun 2, 2020 08:57 GMT-2	. Assignor/Inventor
Date:	Signature:	Christianus Martinus VAN HEESCH	, Assignor/Inventor
		Ranaldue Maria AARTS	

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Date:		Signature:	Nico Maris Adriaan DE WILD	Assignor/Inventor
			Igor Wilhelmus Franciscus PAULUSSEN	
Date:		Signature:		Assignor/Inventor
			Rick BEZEMER	~
Date:		Signature:		Assignor/Inventor
			Sabina MANZARI	V
Date:		Signature:	×	Assignor/Inventor
			Denny MATHEW	•
Date:	A	Signature:		Assignor/Inventor
		-	Franciscus Hendrikus VAN HEESCH	<b>&amp;</b>
Date:		Signature:		Assignor/Inventor
	is 0 s		Christianus MartimmyVAN HEESCH	
Date:	<u> </u>	Signature:	Court of secretary and annual second	Assignor/Inventor
	0		Ronaldus Maria AARFS	