06/18/2018 504964690

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5011436

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GERARD DE HAAN	02/15/2018
ALBERTUS CORNELIS DEN BRINKER	02/15/2018
VINECNT JEANNE	02/15/2018
GERRIT MARIA KERSTEN	02/15/2018
MURTAZA BULUT	02/22/2018
MICHEL JOZEF AGNES ASSELMAN	03/30/2018

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:	16063507	

CORRESPONDENCE DATA

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Address Line 2: **SUITE 340**

Address Line 4: VALHALLA, NEW YORK 10595

ATTORNEY DOCKET NUMBER:	2015P01223WOUS
NAME OF SUBMITTER:	TIMOTHY NATHAN
SIGNATURE:	/Timothy Nathan/
DATE SIGNED:	06/18/2018

PATENT REEL: 046119 FRAME: 0934 504964690

Total Attachments: 6

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PATENT REEL: 046119 FRAME: 0935

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

	is e	xecuted c	oncurrently herewith
	was	executed	by me/us on
	was	filed on.	, having a Serial No.
X	was	filed on.	23 Dec 2016, having an International Application No. PCT/EP2016/082554.

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 rights.

15-Feb-2018	(sign name here)		
Date	(print name here)	Gerard DE HAAN	, Assignor
Date	(print name here)	Albertus Cornelis DEN BRINKER	, Assignor
Date	(print name here)	Vincent JEANNE	, Assignor
Date	(print name here)	Gerrit Maria KERSTEN	, Assignor
Date	(print name here)	Murtaza BULUT	, Assignor
Date	(print name here)	Michel Jozef Agnes ASSELMAN	, Assignor

Page 1 of 1

U.S.A. Sole/Joint

ASSIGNMENT

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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, 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.

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

	(sign name here)		
Date 15 Feb 2018	(print name here)	Gera ja D E HAAN	, Assignor
Date	(print name here)	Albertus Cornelis DEN BRINKER	, Assignor
Date	(print name here)	Vincent JEANNE	, Assignor
Date	(print name here)	Gerrit Maria KERSTEN	, Assignor
Date	(print name here)	Murtaza BULUT	, Assignor
Date	(print name here)	Michel Jozef Agnes ASSELMAN	, Assignor

Date

(print name here)

and assign, and trans a place of business a representatives, incl	sfer the entire and exclusive right High Tech Campus 5,5656 Anding any nominees (collective urrently herewith	e acknowledge receipt, I/we as a below-nanght, title, and interest in the following to KoaE, Eindhoven, the Netherlands, its successely "the Assignee") my/our invention for wi	ninklijke Philips N.V., having ors, assigns, and legal
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		onal Application No. PCT/EP2016/082554	
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I/We certify that I/v	ve have the full right to convey	the above rights	
	(sign name here)		
Date	(print name here)	Gerard DE HAAN	, Assignor
Date 2/15/2018	(print name here)	Albertus Cornelis DEN BRINKER	, Assignor
Date	(print name here)	Vincent JEANNE	, Assignor
Date	(print name here)	Gerrit Maria KERSTEN	, Assignor
Date	(nrint name here)	Murtaza BIII.UT	. Assignor

PATENT REEL: 046119 FRAME: 0938

, Assignor

Michel Jozef Agnes ASSELMAN

Date

and assign, and transfer	the entire and exclusive i	we acknowledge receipt, I/we as a below-nar right, title, and interest in the following to Ko AE, Eindhoven, the Netherlands, its success	oninklijke Philips N.V., having
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I/We certify that I/we h	ave the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Gerard DE HAAN	, Assignor
Date	(print name here)	Albertus Cornelis DEN BRINKER	, Assignor
Date	(print name here)	Vincent JEANNE	, Assignor
Date 2018/02/15	(print name here)	Gerrit Maria KERSTEN	, Assignor
Date	(print name here)	Murtsza BULUT	, Assignor

(print name here)

Michel Jozef Agnes ASSELMAN

, Assignor

Date

and assign, and trans	fer the entire and exclusive ri	e acknowledge receipt, I/we as a below-name ght, title, and interest in the following to Kor	ninklijke Philips N.V., having
*	-	XE, Eindhoven, the Netherlands, its successor ely "the Assignee") my/our invention for wh	
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Date	(print name here)	Gerard DE HAAN	, Assignor
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Date	(print name here)	Albertus Cornelis DEN BRINKER	, Assignor
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Date	(print name here)	Vincent JEANNE	, Assignor
Data	(print name here)	Gerrit Maria KERSTEN	, Assignor
Date			2
22/02/20/8 Date	MURTA 3A RUC (print name here)	Murtaga BULUT	, Assignor

Page 1 of 1

(print name here)

Michel Jozef Agnes ASSELMAN

, Assignor

and assign, and transfer a place of business at F	the entire and exclusive ri ligh Tech Campus 5,5656 A	e acknowledge receipt, I/we as a below-narght, title, and interest in the following to Ko AE, Eindhoven, the Netherlands, its success ely "the Assignee") my/our invention for w	oninklijke Philips N.V., having fors, assigns, and legal
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Page 1 of 1

Murtaza BULUT

Michel Jozef Agnes ASSELMAN

PATENT REEL: 046119 FRAME: 0941

, Assignor

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Date

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