505278123 01/15/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5324895

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the PLEASE CORRECT THE DOCKET NUMBER FROM 2014P01239WOUS TO 2014P01329WOUS previously recorded on Reel 042682 Frame 0812. Assignor(s) hereby confirms the ATTORNEY DOCKET NUMBER.

CONVEYING PARTY DATA

Name	Execution Date
ROBERT WILLIAM BAIKO	06/12/2017
LAUREN PATRICIA CHODKOWSKI	12/10/2015
MARCEL DOUGLAS JAFFRE	01/19/2016

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:	15535417	

CORRESPONDENCE DATA

Fax Number: (914)495-9540

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

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ATTORNEY DOCKET NUMBER:	2014P01329WOUS
NAME OF SUBMITTER:	NOEMI CHAPA
SIGNATURE:	/Noemi Chapa/
DATE SIGNED:	01/15/2019

Total Attachments: 4

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PATENT 505278123 REEL: 049371 FRAME: 0043

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PATENT REEL: 049371 FRAME: 0044 504409506 06/13/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4456205

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT WILLIAM BAIKO	06/12/2017
LAUREN PATRICIA CHODKOWSKI	12/10/2015
MARCEL DOUGLAS JAFFRE	01/19/2016

RECEIVING PARTY DATA

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City:	EINDHOVEN
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Postal Code:	5656 AE

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15535417

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2014P01239WOUS
NAME OF SUBMITTER:	NOEMI CHAPA
SIGNATURE:	/Noemi Chapa/
DATE SIGNED:	06/13/2017

Total Attachments: 3

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> PATENT REEL: 049371 FRAME: 0045

U.S.A. Sole/Joint

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 ex	xecuted co	oncurrently herewith
	was	executed	by me/us on
	was	filed on.	
\boxtimes	was	filed on.	10 Dec 2015, having an International Application No. PCT/IB2015/059496,

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.

6/12/2017	(sign name here)		mananiman
Date	(print name here)	Robert William BAIKO	, Assignor
Date	(print name here)	Lauren Patricia CHODKOWSKI	, Assignor
Date	(print name here)	Marcel Douglas JAFFRE	, Assignor

Page 1 of 1

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell,

a place of business a	High Tech Campus 5,5656	ight, title, and interest in the following to Ko AE, Eindhoven, the Netherlands, its success yely "the Assignee") my/our invention for w	sors, assigns, and legal
was filed on	me/us on, ha	ving a Scrial No	
therewith, based ther provisionals division	eon, or claiming priority then s, continuations, continuation	her United States, foreign and international refrom including, but not limited to, any and as-in-part, re-examinations, reissues, and exe right, title, and interest in and to any and a	l all provisionals, non- tensions thereof, and the right to
	atent when granted, solely to	officials in the United States and in any and the Assignee(s), for its sole use, and that of	_
extent. Upon reques legal proceedings inc	t at the expense of the Assign duding patent prosecution ac or convenient for securing a	ne Assignee to enjoy the foregoing right, titl nee, I/we agree to execute all papers, take al tions and infringement actions, and do all of nd maintaining patents on the foregoing inv	l rightful oaths, testify in all ther such acts which may be
I/We certify that I/w	e have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Robert William BAIKO	, Assignor
12/10/5	- Confed was a Sand	Zan Chaffarthi	Auricanop
Date	(print name here)	Lauren Patricia CHODKOWSKI	, Assignor
Date	(print name here)	Marcel Douglas JAFFRE	, Assignor

Page 1 of 1

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 executed concurrently herewith was executed by me/us on was filed on. , having a Serial No. was filed on. 10 Dec 2015, having an International Application No. PCT/IB2015/059496, 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. (sign name here) Date (print name here) Robert William BAIKO Assignor Date (print name here) Lauren Patricia CHODKOWSKI Assignor

Page 1 of 1

Marcel Douglas JAFFRE

PATENT REEL: 049371 FRAME: 0048

RECORDED: 01/15/2019

(print name here)