PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: CORRECTIVE ASSIGNMENT

NATURE OF CONVEYANCE: Corrective Assignment to correct the ILIEVSKY, FILIP previously recorded on Reel 055386 Frame 0505. Assignor(s) hereby confirms the ILIEVSKI,

FILIP.

CONVEYING PARTY DATA

Name	Execution Date
FILIP ILIEVSKI	02/04/2016
NORBERTUS ANTONIUS MARIA SWEEGERS	07/05/2014
KWONG-HIN HENRY CHOY	07/02/2014
MARC ANDRE DE SAMBER	07/03/2014

RECEIVING PARTY DATA

Name:	KONINKLIJKE PHILIPS N.V.
Street Address:	HIGH TECH CAMPUS 5
City:	EINDHOVEN
State/Country:	NETHERLANDS
Postal Code:	55656 AE

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16134441

CORRESPONDENCE DATA

Fax Number: (215)568-6499

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.

Phone: 2155686400

Email: alopez@vklaw.com
Correspondent Name: JOSEPH P. BOOS

Address Line 1: 30 S. 17TH STREET, 18TH FLOOR
Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER: LUMI-2012P01978US03

NAME OF SUBMITTER: JOSEPH P. BOOS

SIGNATURE: /JOSEPH P. BOOS/

DATE SIGNED: 03/01/2021

Total Attachments: 5

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PATENT REEL: 055453 FRAME: 0760

EPAS ID: PAT6576501

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PATENT REEL: 055453 FRAME: 0761

506520971 02/24/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FILIP ILIEVSKY	02/04/2016
NORBERTUS ANTONIUS MARIA SWEEGERS	07/05/2014
KWONG-HIN HENRY CHOY	07/05/2014
MARC ANDRE DE SAMBER	07/05/2014

RECEIVING PARTY DATA

Name:	KONINKLIJKE PHILIPS N.V.
Street Address:	KONINKLIJKE PHILIPS N.V.
Internal Address:	HIGH TECH CAMPUS 5
City:	EINDHOVEN
State/Country:	NETHERLANDS
Postal Code:	55656 AE

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16134441

CORRESPONDENCE DATA

Fax Number: (215)568-6499

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Email:alopez@vklaw.comCorrespondent Name:JOSEPH P. BOOS

Address Line 1: 30 S. 17TH STREET, 18TH FLOOR

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	LUMI-2012P01978US03
NAME OF SUBMITTER:	JOSEPH P. BOOS
SIGNATURE:	/JOSEPH P. BOOS/
DATE SIGNED:	02/24/2021

Total Attachments: 4

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PATENT REEL: 055453 FRAME: 0762

EPAS ID: PAT6567746

Date

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

		ight, title, and interest in the following to AE, Eindhoven, the Netherlands, its succ	and the second of the second o
		vely "the Assignee") my/our invention fo	
was filed on	me/us on, ha	ving a Serial Noonal Application No. PCT/IB2014/0627	
therewith, based thei provisionals division	eon, or claiming priority the s, continuations, continuation	her United States, foreign and internation refrom including, but not limited to, any ans-in-part, re-examinations, reissues, and e right, title, and interest in and to any an	and all provisionals, non- extensions thereof, and the right to
	atent when granted, solely to	officials in the United States and in any a the Assignee(s), for its sole use, and that	
extent. Upon reques legal proceedings inc	t at the expense of the Assign duding patent prosecution ac or convenient for securing a	he Assignee to enjoy the foregoing right, nee, I/we agree to execute all papers, take tions and infringement actions, and do all nd maintaining patents on the foregoing i	all rightful oaths, testify in all tother such acts which may be
I/We certify that I/we	e have the full right to conve	y the above rights.	
214 2016 Date	(sign name here) (print name here)	Filip ILIEYSKT	Assignor
Date	(print name here)	Norbertus Autonius Maria SWEEGERS	, Assignor
Date	(print name here)	Kwong-Hin Henry CHOY	, Assignor

Page 1 of 1

Marc Andre DE SAMBER

(print name here)

, Assignor

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

		(sign name here)	ALEXAND	
Date	***************************************	(print name here)	Filip ILIEVSKI	, Assignor
5 4ul	2014	11/41/		
Date		(print name here)	Norbertus Antonius Maria	, Assignor
		- S e C	SWEEGERS	
Date		(print name here)	Kwong-Hin Henry CHOY	, Assignor
Date		(print name here)	Marc Andre DE SAMBER	, Assignor

Page 1 of 1

Date

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. 02 Jul 2014, having an International Application No. PCT/IB2014/062784, 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) Filip ILIEVSKI . Assignor Date (print name here) Norbertus Antonius Maria-, Assignor 12014 **SWEEGERS** Kwong-Hin Henry Date (print name here) Assignor

Page 1 of 1

Marc Andre DE SAMBER

(print name here)

, Assignor

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	t High Tech Campus 5,5656	ight, title, and interest in the following to AE, Eindhoven, the Netherlands, its succ /ely "the Assignee") my/our invention fo	cessors, assigns, and legal
is executed concuming was executed by was filed on	urrently herewith me/us on, ha		
therewith, based the provisionals division	reon, or claiming priority theres, continuations, continuations,	her United States, foreign and internation refrom including, but not limited to, any a ns-in-part, re-examinations, reissues, and e right, title, and interest in and to any an	and all provisionals, non- extensions thereof, and the right to
	atent when granted, solely to	officials in the United States and in any a the Assignee(s), for its sole use, and that	
extent. Upon request legal proceedings in necessary, desirable, thereto in the Assign	t at the expense of the Assign cluding patent prosecution ac or convenient for securing a	he Assignee to enjoy the foregoing right, nee, I/we agree to execute all papers, take tions and infringement actions, and do alond maintaining patents on the foregoing to the above rights.	e all rightful oaths, testify in all
n we centry that nw	e nave the tuit right to conve	y the above rights.	
Date	(sign name here)	Filip ILIEVSKI	, Assignor
2500	(VILLE IMIXED INVEST		3 2 annaganos
Date	(print name here)	Norbertus Antonius Maria SWEEGERS	, Assignor
Date 274/07/03	(print name here)	Kwong-Hin Henry CHOY	, Assignor
Date			

Page 1 of 1

PATENT REEL: 055453 FRAME: 0766