# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5643329

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MARITESS MINAS	02/06/2018
PRINCETON SAROHA	02/05/2018
JEREMY STIGALL	02/06/2018
DAVID KENNETH WROLSTAD	02/05/2018

## **RECEIVING PARTY DATA**

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City:	EINDHOVEN	
State/Country:	NETHERLANDS	
Postal Code:	5656 AE	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16482039

### **CORRESPONDENCE DATA**

Fax Number: (914)495-9540

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ATTORNEY DOCKET NUMBER:	2016P00703WOUS
NAME OF SUBMITTER:	AL KAU
SIGNATURE:	/Al Kau/
DATE SIGNED:	07/30/2019

## **Total Attachments: 4**

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> **PATENT** REEL: 049904 FRAME: 0146 505596528

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PATENT REEL: 049904 FRAME: 0147

a place of business at High Tech Campus 5,5656 AE, Eindhoven, the Netherlands, its successors, assigns, and representatives, including any nominees (collectively "the Assignee") my/our invention for which an application is executed concurrently herewith was executed by me/us on	, hereby sell, s N.V., having
representatives, including any nominees (collectively "the Assignee") my/our invention for which an application is executed concurrently herewith was executed by me/us on having a Serial No.  was filed on. having an International Application No. PCT/EP2018/052760, and all rights in and to said application, and all other United States, foreign and international patent application therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, provisionals divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted applications.  I/We authorize and request that the Patent Office officials in the United States and in any and all foreign count any and all Letters Patent when granted, solely to the Assignee(s), for its sole use, and that of its successors, as legal representatives.  I/We will provide my/our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to extent. Upon request at the expense of the Assignee, I/we agree to execute all papers, take all rightful onths, to legal proceedings including patent prosecution actions and infringement actions, and do all other such acts wh necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perf thereto in the Assignee.  I/We certify that I/we have the full right to convey the above rights.  Assignor	•
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was filed on. 95 Feb 2018, having an International Application No. PCT/EP2018/052760,  and all rights in and to said application, and all other United States, foreign and international patent application therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, provisionals divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted applications.  I/We authorize and request that the Patent Office officials in the United States and in any and all foreign count any and all Letters Patent when granted, solely to the Assignee(s), for its sole use, and that of its successors, at legal representatives.  I/We will provide my/our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to extent. Upon request at the expense of the Assignee, I/we agree to execute all papers, take all rightful oaths, to legal proceedings including patent prosecution actions and infringement actions, and do all other such acts wh necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perf thereto in the Assignee.  I/We certify that I/we have the full right to convey the above rights.  Assignor  Marites MIN.  Assignor	
therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, provisionals divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted applications.  I/We authorize and request that the Patent Office officials in the United States and in any and all foreign count any and all Letters Patent when granted, solely to the Assignee(s), for its sole use, and that of its successors, as legal representatives.  I/We will provide my/our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to extent. Upon request at the expense of the Assignee, I/we agree to execute all papers, take all rightful oaths, to legal proceedings including patent prosecution actions and infringement actions, and do all other such acts who necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfethereto in the Assignee.  I/We certify that I/we have the full right to convey the above rights.  Assignor  Assignor	
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Hobr 2018 (sign name here) Marite MINA , Assignor	estify in all ich may be
Date (print name here) Marity MINAY , Assignor	
Date (print name here) Marite MINAS , Assignor	
Date (print name here) Jeremy STIGALL , Assignor	

Page 1 of 1

David Kenneth WROLSTAD

(print name here)

Date

, 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 at	High Tech Campus 5,56S6	right, title, and interest in the following to a AE, Eindhoven, the Netherlands, its succesvely "the Assignee") my/our invention for	ssors, assigns, and legal
is executed concu	rently herewith		
		wing a Serial No.	
		ional Application No. PCT/EP2018/0527	
-		ther United States, foreign and internations	
	•	refrom including, but not limited to, any as	
•		ns-in-part, re-examinations, reissues, and ere right, title, and interest in and to any and	
	"	officials in the United States and in any at the Assignee(s), for its sole use, and that	
extent. Upon request legal proceedings incl	at the expense of the Assig uding patent prosecution ac or convenient for securing a	he Assignee to enjoy the foregoing right, to nee, I/we agree to execute all papers, take attions and infringement actions, and do all and maintaining patents on the foregoing in	all rightful oaths, testify in all other such acts which may be
I/We certify that I/we	have the full right to conve	ry the above rights.	
	(sign name here)		
Date 00/05/2013	(print name here)	Maritess MINAS	, Assignor
Date	(print name here)	Princeton SAROHA	, Assignor
Date	(print name here)	Jeremy STIGALL	, Assignor
Date	(print name here)	David Kenneth WROLSTAD	, Assignor

Page 1 of 1

and assign, and transfer the entire and exclusive rig a place of business at High Tech Campus 5,5656 A representatives, including any nominees (collective	AE, Eindhoven, the Netherlands, its succ	Koninklijke Philips N.V., having essors, assigns, and legal
☐ is executed concurrently herewith ☐ was executed by me/us on, hav ☐ was filed on, having an Internation	ring a Serial No	
and all rights in and to said application, and all oth therewith, based thereon, or claiming priority there provisionals divisions, continuations, continuations claim priority thereto, and the entire and exclusive applications.	efrom including, but not limited to, any a s-in-part, re-examinations, reissues, and	and all provisionals, non- extensions thereof, and the right to
I/We authorize and request that the Patent Office of any and all Letters Patent when granted, solely to the legal representatives.	,	<del></del>
I/We will provide my/our cooperation to enable the extent. Upon request at the expense of the Assigns legal proceedings including patent prosecution actinecessary, desirable, or convenient for securing anothereto in the Assignee.	ee, I/we agree to execute all papers, take ions and infringement actions, and do al	all rightful oaths, testify in all lother such acts which may be
I/We certify that I/we have the full right to convey	the above rights.	
(sign name here)		
Date (print name here)	Maritess MINAS	, Assignor
Date         (print name here)           フー 6 - / 8         ブセペーペ S /・シー/ /	Princeton SAROHA	, Assignor
Date (print name here)	Jeremy STIGALL	, Assignor
Date (print name here)	David Kenneth WROLSTAD	, Assignor

Page 1 of 1

PATENT REEL: 049904 FRAME: 0150 For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell,

-	"	tht, title, and interest in the following to K	
•	•	E, Eindhoven, the Netherlands, its succes	
representatives, includ	ing any nominees (collective	ely "the Assignee") my/our invention for	which an application:
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I/We authorize and req	uest that the Patent Office o	fficials in the United States and in any an	d all foreign countries to issue
any and all Letters Pate	ent when granted, solely to t	he Assignee(s), for its sole use, and that o	of its successors, assigns, and
legal representatives.			
I/We will provide my/o	our cooperation to enable the	e Assignee to enjoy the foregoing right, ti	tle, and interest to the fullest
extent. Upon request a	it the expense of the Assigne	e, I/we agree to execute all papers, take a	Il rightful oaths, testify in all
legal proceedings inclu	iding patent prosecution acti	ons and infringement actions, and do all o	other such acts which may be
necessary, desirable, or	convenient for securing and	d maintaining patents on the foregoing in	vention or for perfecting title
thereto in the Assignee	i.		
I/We certify that I/we I	nave the full right to convey	the above rights.	
	(sign name here)		
Date	(print name here)	Maritess MINAS	, Assignor
Date	(print name here)	Princeton SAROHA	Anniemore
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Date	(print name here)	David Kenilett WROLSTAD	, Assignor

Page 1 of 1

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