PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RANJITH NAVEEN TELLIS	04/09/2018
LUCAS DE MELO OLIVEIRA	01/10/2017
GABRIEL RYAN MANKOVICH	01/09/2017
YUECHEN QIAN	01/09/2017
KAREN IRENE TROVATO	01/08/2017

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:	15767240

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.

Phone: 914-495-9516

Email: babbette.freeman@Philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

Address Line 1: 465 COLUMBUS AVENUE

Address Line 2: SUITE 340

Address Line 4: VALHALLA, NEW YORK 10595

Total Attackments. 5	
DATE SIGNED:	04/10/2018
SIGNATURE:	/Yan Glickberg/
NAME OF SUBMITTER:	YAN GLICKBERG
ATTORNEY DOCKET NUMBER:	2015P00782WOUS

Total Attachments: 5

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and assign, and trans	er the entire and exclusive rig High Tech Campus 5,5656 A	e acknowledge receipt, I/we as a below-note, title, and interest in the following to left. E, Eindhoven, the Netherlands, its succesty "the Assignee") my/our invention for	Koninklijke Philips N.V., having ssors, assigns, and legal
is executed concu	•		
was executed by a	ne/us on		
was filed on	, havi	ing a Serial No	**********
was filed on. 07 €	Det 2016, having an Internatio	nal Application No. PCT/IB2016/05600	5,
therewith, based ther provisionals division	eon, or claiming priority there s, continuations, continuations	er United States, foreign and internations from including, but not limited to, any a s-in-part, re-examinations, reissues, and a right, title, and interest in and to any and	nd all provisionals, non- extensions thereof, and the right to
	atent when granted, solely to t	fficials in the United States and in any a he Assignee(s), for its sole use, and that	
extent. Upon reques legal proceedings inc	t at the expense of the Assigno cluding patent prosecution acti or convenient for securing an	e Assignee to enjoy the foregoing right, to be, I/we agree to execute all papers, take tons and infringement actions, and do all dimaintaining patents on the foregoing in	all rightful oaths, testify in all other such acts which may be
I/We certify that I/w	e have the full right to convey	the above rights.	
	(sign name here)		
Date	(print name here)	Karen Irene TROVATO	, Assignor
Date	(print name here)	Yuschen QIAN	, Assignor
Date	(print name here)	Gabriel Ryan MANKOVICH	, Assignor
Date	(print name here)	Lucas de Meio OLIVEIRA	, Assignor
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9 7 Apr 3018	<u> </u>	Ranjith Naveen TELLIS	, Assignor
Date	(Messes isatist isata)	american areconomic a accouració	g compagners

Page 1 of 1

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:

**		E, Eindhoven, the Netherlands, its succely "the Assignee") my/our invention for	
was executed was filed on.		ing a Serial Noonal Application No. PCT/IB2016/0560	
therewith, based provisionals divis	thereon, or claiming priority there sions, continuations, continuation	per United States, foreign and internation of the control of the c	and all provisionals, non- l extensions thereof, and the right to
	rs Patent when granted, solely to	officials in the United States and in any the Assignee(s), for its sole use, and tha	
extent. Upon reclegal proceedings	quest at the expense of the Assign s including patent prosecution act ble, or convenient for securing ar	ee Assignee to enjoy the foregoing right, ee, I/we agree to execute all papers, tak ions and infringement actions, and do and maintaining patents on the foregoing	e all rightful oaths, testify in all Il other 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)	Karen Irene TROVATO	, Assignor
Date	(print name here)	Yuechen QIAN	, Assignor
Date	(print name here)	Gabriel Ryan MANKOVICH	, Assignor
0/-10-17 Date	(print name here)	Lucas de Melo OLIVEIRA	, Assignor
Date	(print name here)	Ranjith Naveen TELLIS	, Assignor

Page 1 of 1

U.S.A. Sole/Joint

Date

ASSIGNMENT

		we acknowledge receipt, I/we as a below-	• • • • • • • • • • • • • • • • • • • •
_		right, title, and interest in the following to	-
_		AE, Eindhoven, the Netherlands, its succ	
representatives, ir	icidaing any nominees (collecti	vely "the Assignee") my/our invention fo	r which an application:
☐ is executed co	ncurrently herewith		
	by me/us on		
		ving a Serial No.	
		ional Application No. PCT/IB2016/0560	
and all rights in a	nd to said application, and all ot	her United States, foreign and internation	al patent applications associated
therewith, based t	hereon, or claiming priority the	refrom including, but not limited to, any a	and all provisionals, non-
provisionals divis	ions, continuations, continuation	ns-in-part, re-examinations, reissues, and	extensions thereof, and the right to
claim priority the	reto, and the entire and exclusiv	e right, title, and interest in and to any an	d all patents granted on these
applications.			
I/We authorize an	nd request that the Patent Office	officials in the United States and in any a	and all foreign countries to issue
any and all Letter	s Patent when granted, solely to	the Assignee(s), for its sole use, and that	of its successors, assigns, and
legal representativ	ves.	<u> </u>	-
-	•	he Assignee to enjoy the foregoing right,	
		nee, I/we agree to execute all papers, take	
		tions and infringement actions, and do al	•
-	-	nd maintaining patents on the foregoing i	nvention or for perfecting title
thereto in the Ass	ignee.		
I/We certify that I	I/we have the full right to conve	y the above rights.	
-			
	(sign name here)		
Date	(print name here)	Karen Irene TROVATO	, Assignor
Date	(print name here)	Yuechen QIAN	, Assignor
1/9/2017		CoWALA	
Date	(print name here)	Gabriel Ryan MANKOVICH	, Assignor
Date	(print name here)	Lucas de Melo OLIVEIRA	, Assignor

Page 1 of 1

(print name here)

Ranjith Naveen TELLIS

, Assignor

Date

Date

and assign, and transfer to a place of business at Hig	ne entire and exclusive rig th Tech Campus 5,5656 A	e acknowledge receipt, I/we as a below-nght, title, and interest in the following to I E, Eindhoven, the Netherlands, its succe ely "the Assignee") my/our invention for	Koninklijke Philips N.V., having ssors, assigns, and legal
was filed on	s on, hav	ing a Serial No onal Application No. PCT/IB2016/05600	
therewith, based thereon, provisionals divisions, co	or claiming priority there	er United States, foreign and international from including, but not limited to, any assin-part, re-examinations, reissues, and earlight, title, and interest in and to any and	nd all provisionals, non- extensions thereof, and the right to
-		officials in the United States and in any at the Assignee(s), for its sole use, and that	
extent. Upon request at legal proceedings includ	the expense of the Assigning patent prosecution act	e Assignee to enjoy the foregoing right, the ee, I we agree to execute all papers, take ions and infringement actions, and do all admaintaining patents on the foregoing in	all rightful oaths, testify in all other such acts which may be
I/We certify that I/we ha	ve the full right to convey	the above rights.	
Date 7	(sign name here)	Karen frene JKÖVATO	, Assignor
Date	(print name here)	Yuechen QIAN	, Assignor
Date	(print name here)	Gabriel Ryan MANKOVICH	Assignor

(print name here)

(print name here)

Lucas de Melo OLIVEIRA

Ranjith Naveen TELLIS

, Assignor

, Assignor

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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 succi	
representatives, includ	fing any nominees (collecti	vely "the Assignee") my/our invention for	which an application:
is executed concur	rently herewith		
was executed by n)¢/08 (9)		
was filed on		ving a Serial No.	******
was filed on, 07 O	et 2016, having an Internat	ional Application No. PCT/IB2016/05600	15.
therewith, based there provisionals divisions	on, or claiming priority the , continuations, continuatio	her United States, foreign and internation, refrom including, but not limited to, any a ns-in-part, re-examinations, reissues, and eright, title, and interest in and to any and	nd all provisionals, non- extensions thereof, and the right
		officials in the United States and in any a the Assignee(s), for its sole use, and that	
extent. Upon request legal proceedings inci	at the expense of the Assign 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 stions 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	y the above rights.	
18/2017	(sign name here)	Zun I um Torth	
Date	(print name here)	Karen Irene TROVATO	, Assignor
Date	(print name here)	Yuechen QIAN	Assigner
Date	(print name here)	Gabriel Ryan MANKOVICH	, Assignor
Date	(print name here)	Lucas de Meio OLIVEIRA	, Assignor
Date	(print name here)	Ranjith Naveen TELLIS	, Assignor

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