506143314 07/08/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6190045

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WINSLOW KEVIN DUFF	05/15/2020
WILLIAM ANTHONY TRUSCHEL	01/29/2019
CHERYL LIN NEEDHAM	04/24/2019
MARK CHRISTOPHER MCDERMOTT	07/08/2020
CHRISTOPHER WAYNE MCDANIEL	01/30/2019
RONALD CYPROWSKI	07/08/2020
LJUBISA MILOJEVIC	09/12/2019

RECEIVING PARTY DATA

Name:	KONINKLIJKE PHILIPS N.V.		
Street Address:	HIGH TECH CAMPUS 52		
City:	EINDHOVEN		
State/Country:	NETHERLANDS		
Postal Code:	5656 AG		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16237876

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

ATTORNEY DOCKET NUMBER: 2008P01843US01

NAME OF SUBMITTER: DANIEL H. BREAN

SIGNATURE: /Daniel H. Brean/

DATE SIGNED: 07/08/2020

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Total Attachments: 6

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source=2008P01843US01_signed_Truschel_Duff#page1.tif

hereby sell, and ass having a place of bu	iign, and transfer the entire usiness at High Tech Camp luding any nominees (colle	I/we acknowledge receipt, I/we as a below-na and exclusive right, title, and interest in the fo ous 5, 5656 AE, Eindhoven, the Netherlands, it ctively "the Assignee") my/our invention for wh	llowing to Koninklijke Philips N.V., is successors, assigns, and legal
was filed on Jan	uary 2, 2019, having a Uni	ted States Application No. 16/237,876	
was filed on ***,	having an International Ap	plication No. ***,	
therewith, based the divisions, continuati	ereon, or claiming priority the ons, continuations-in-part, i	other United States, foreign and international nerefrom including, but not limited to, any and re-examinations, reissues, and extensions the , and interest in and to any and all patents gra	all provisionals, non-provisionals reof, and the right to claim priority
	Y	ice officials in the United States and in any and the Assignee(s), for its sole use, and that of its	~
Upon request at the proceedings including	expense of the Assignee, ng patent prosecution actio e, or convenient for securir	the Assignee to enjoy the foregoing right, title I/we agree to execute all papers, take all right ns and infringement actions, and do all other to and maintaining patents on the foregoing in	ful oaths, testify in all legal such acts which may be
I/We certify that I/w	e have the full right to conv	ev the ahove rights	
and that I am the or I hereby acknowled	iginal Inventor or an origina ge that any willful false stat	hat the above-identified application was made at joint inventor of a claimed invention in the at	oplication.
imprisonment of not	more than five (5) years, o	N DOW.	
Date:	Signature:		, Assignor/Inventor
		Winslow Kevin DUFFF	
Date:	Signature:		, Assignor/Inventor
		William Anthony TRUSCHEL	
Date:	Cinnobero		å ecianovilauontar
Date.	oigname	Mark Christopher McDERMOTT	, roaignomirentoi
 .			
Date:	Signature:	Cheryl Lin NEEDHAM	, Assignor/Inventor
Date:	Signature:	Christopher Wayne McDANIEL	, Assignor/Inventor
		Christopher Wayne McDANIEL	
Date:	Signature:		, Assignor/Inventor
	7	Lįubisa MILOJEVIC	7
Date:	Signature: _	Ronald Garace Con Ronald CYPROWSKI	, Assignar/Inventor

ASSIGNMENT & DECLARATION

Docket No. 2008P01843US01

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a belownamed Assignor(s) or Inventor, 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:

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.

As a below-named Inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original Inventor or an original joint Inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Date:	Signature:	
	Winslow Kevin	, Assignor/Inventor
	Willslow Keviii	DUFFF
Date:	Signature:	
		, Assignor/Inventor
	William Anthon	y TRUSCHEL
Date:	Signature:	
		, Assignor/Inventor
	Mark Christoph	er McDERMOTT
Date:	Signature:	PATENT

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Date: ˌ	1/30/2019	— CM Signature:	, Assignor/Inventor
		Christopl	ner Wayne McDANIEL
Date:		Signature:	
		Ljubisa N	, Assignor/Inventor
Date: _		Signature:	
·····		Ronald C	, Assignor/Inventor

hereby sell, and assign, and tra having a place of business at H	ansfer the ention ligh Tech Cam nominees (coll	ch I/we acknowledge receipt, I/we as a below-named Assignore and exclusive right, title, and interest in the following to Konpus 5, 5656 AE, Eindhoven, the Netherlands, its successore lectively "the Assignee") my/our invention for which an application	oninklijke Philips N.V., s, assigns, and legal
was filed on January 2, 201	9, having a U	nited States Application No. 16/237,876	
was filed on ***, having an	International A	Application No. ***,	
therewith, based thereon, or cladivisions, continuations, continuations, continuations	aiming priority uations-in-part	all other United States, foreign and international patent applic therefrom including, but not limited to, any and all provisiona t, re-examinations, reissues, and extensions thereof, and the le, and interest in and to any and all patents granted on thes	als, non-provisionals right to claim priority
		office officials in the United States and in any and all foreign on the Assignee(s), for its sole use, and that of its successors,	
Upon request at the expense o proceedings including patent p	f the Assignee rosecution act	le the Assignee to enjoy the foregoing right, title, and interes e, I/we agree to execute all papers, take all rightful oaths, testions and infringement actions, and do all other such acts whering and maintaining patents on the foregoing invention or for	tify in all legal ich may be
I/We certify that I/we have the f	ull right to con	nvey the above rights.	
		e that the above-identified application was made or authorize nal joint Inventor of a claimed invention in the application.	d to be made by me,
I hereby acknowledge that any imprisonment of not more than		atement made in this declaration is punishable under 18 U.S , or both.	c.C. 1001 by fine or
Date:	Signature:		, Assignor/Inventor
	•	Winslow Kevin DUFFF	
Date:	Signature:	William Anthony TRUSCHEL	, Assignor/Inventor
Date:July 8, 2020	Signature:	/Mark Christopher McDermott/	Assignar/Inventor
Date	Signature.	Mark Christopher McDERMOTT	, Assignor/Inventor
Data	Cianatura	•	Accianor/Inventor
Date:	Signature.	Cheryl Lin NEEDHAM	, Assignor/inventor
Data			
Date:	Signature:	Christopher Wayne McDANIEL	, Assignor/inventor
Date: September 12, 2019		/T · 1 · 2 · 2 · 1	
Date:	Signature:	Ljubisa MILOJEVIC	, Assignor/inventor
Date:	Signature:	·	, Assignor/Inventor

U.S.A. Sole/Joint

ASSIGNMENT & DECLARATION Docket No. 2008P01843US01

hereby sell, and assign, ar having a place of business	nd transfer the entire a at High Tech Campi any nominees (collec	We acknowledge receipt, I/we as a below-named Assigned and exclusive right, title, and interest in the following to us 5, 5656 AE, Eindhoven, the Netherlands, its successificely "the Assignee") my/our invention for which an ap	Koninklijke Philips N.V sors, assigns, and legal
was filed on January 2	, 2019, having a Unit	ed States Application No. 16/237,876	
was filed on ***, having	g an International App	olication No. ***,	
therewith, based thereon, divisions, continuations, or	or claiming priority the ontinuations-in-part, r	other United States, foreign and international patent ap erefrom including, but not limited to, any and all provisi e-examinations, reissues, and extensions thereof, and and interest in and to any and all patents granted on th	onals, non-provisionals the right to claim priorit
		ce officials in the United States and in any and all foreigne Assignee(s), for its sole use, and that of its successor	
Upon request at the exper proceedings including pat	nse of the Assignee, I ent prosecution action	the Assignee to enjoy the foregoing right, title, and infe /we agree to execute all papers, take all rightful oaths, ns and infringement actions, and do all other such acts g and maintaining patents on the foregoing invention o	testify in all legal which may be
I/We certify that I/we have	the full right to conve	ey the above rights.	
		nat the above-identified application was made or author I joint Inventor of a claimed invention in the application.	
I hereby acknowledge that imprisonment of not more		ement made in this declaration is punishable under 18 r both.	U.S.C. 1001 by fine or
Date:	Signature:		, Assignor/Inventor
		Winslow Kevin DUFFF	········
Date:	Signature:	William Anthony TRUSCHEL	
Date:	Signature:	Mark Christopher McDERMOTT	, Assignor/Inventor
Date: 4/24/2014	Signature:	Cheryl Lig NEEDHAM	, Assignor/Inventor
Date:	Signature:	Christopher Wayne McDANIEL	, Assignor/Inventor
Date:	Signature:	Ljubisa MILOJEVIC	, Assignor/Inventor
Date:	Signature:	Ronald CYPROWSKI	, Assignor/Inventor

RECORDED: 07/08/2020

hereby sell, and assign, and having a place of business	d transfer the entire at High Tech Camp iny nominees (collec	I/we acknowledge receipt, I/we as a below-n and exclusive right, title, and interest in the I us 5, 5656 AE, Eindhoven, the Netherlands, ctively "the Assignee") my/our invention for w	ollowing to Koninklijke Philips N.V., its successors, assigns, and legal
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therewith, based thereon, o divisions, continuations, con-	r claiming priority th ntinuations-in-part, r	other United States, foreign and international erefrom including, but not limited to, any and e-examinations, reissues, and extensions the and interest in and to any and all patents gr	f all provisionals, non-provisionals ereof, and the right to claim priority
		ce officials in the United States and in any ar he Assignee(s), for its sole use, and that of it	
Upon request at the expens proceedings including pater	se of the Assignee, I nt prosecution action	the Assignee to enjoy the foregoing right, titi I/we agree to execute all papers, take all righ ns and infringement actions, and do all other g and maintaining patents on the foregoing i	utful oaths, testify in all legal such acts which may be
I/We certify that I/we have t	he full right to conve	ey the above rights.	
	•	nat the above-identified application was mad Il joint Inventor of a claimed invention in the a	*
I hereby acknowledge that imprisonment of not more to		ement made in this declaration is punishable r both.	under 18 U.S.C. 1001 by fine or
Date: May 15, 2020	Signature:	/Winslow Kevin Duff/ _Winşlow Kevin DUFFF /	, Assignor/Inventor
Date:27 Jan 2019	Signature:	William Anthony TRUSOHEL	Assignor/inventor
Date:	Signature:	Mark Christopher McDERMOTT	, Assignor/inventor
Date:	Signature:	Cheryl Lin NEEDHAM	, Assignor/inventor
Date:	Signature:	Christopher Wayne McDANIEL	, Assignor/inventor
Date:	Signature:	Ljubisa MILOJEVIC	, Assignor/Inventor
Data:	Sinnatura:		Accionarlinuantos

Ronald CYPROWSKI