505468972 05/09/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5515775

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BENTE DE LAT	10/26/2018
ARJAN TEODOR VAN WIERINGEN	11/03/2018
ARNOLD AALDERS	10/26/2018

RECEIVING PARTY DATA

Name:	KONINKLIJKE PHILIPS N.V.
Street Address:	HIGH TECH CMAPUS 5
City:	EINDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5656 AE

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16079305

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.

914-495-9521 Phone:

Email: debbie.henn@Philips.com

PHILIPS INTELLECTUAL PROPERTY & STANDARD **Correspondent Name:**

Address Line 1: **465 COLUMBUS AVENUE**

Address Line 2: **SUITE 340**

Address Line 4: VALHALLA, NEW YORK 10595

ATTORNEY DOCKET NUMBER:	2015P01672WOUS
NAME OF SUBMITTER:	DEBORAH HENN
SIGNATURE:	/Deborah Henn/
DATE SIGNED:	05/09/2019

Total Attachments: 3

source=2015P01672WOUS_MPAssignment_Declaration_2019May9#page1.tif source=2015P01672WOUS MPAssignment Declaration 2019May9#page2.tif source=2015P01672WOUS MPAssignment Declaration 2019May9#page3.tif

PATENT REEL: 049132 FRAME: 0363 505468972

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named 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:

is executed concurrently herewith
 was filed on ***, having a United States Application No. ***
 was filed on 2017-Feb-09, having an International Application No. PCT/EP2017/052854,

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.

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: 24/10/18	Signatura-	Bente DE LAT	Assignor/Inventor
Date:	Signature:	Arjan Teodor VAN WIERINGEN	Assignor/Inventor
Date:	Signature:	· · · · · · · · · · · · · · · · · · ·	Assignor/Inventor
		Arnold AALDERS	

PATENT REEL: 049132 FRAME: 0364

USA Soletoni	ASSIGNMENT'S DECLARATION DOCKS	No. 2019P01672WCUS
Annual place of business at High Talescond and a contract of the contract of t	Of which the acknowledge recept the as a bette-hamed the entire and excisive right title and interest in the follow- chi Campus 5 (85) AE Englished the Netherlands its su- ces (cultertheir the Assignee) myour inventor for which is	rig iD Koninkajke Pristos (1)
See executed concurrency hereually was fixed on "" having a broked to 2017-Feb-89 having	Claire Application No. *** \$50 (Neumational Application No. PCT/EP2917/052854)	
Section continuations recognises	Thand all other Useed States Tolego and international page proofly therefore including but not imited to any and all pr including executions, resource, and extensions thereof that the land reviews mand to any and all pages granted	DVS-0185, non-provisionals
I/Ve authorize and request that the F and all Letters Patent when granted representatives	stent Office officials in the United States and in any and all I solely to the Assignee(s), for its sole use, and that of its succ	Offeign countries to issue any 850075, assigns, and legal
Of the Charles of the engineer of the A Ordered to the Charles of Charles Of Casaria Charles of Charles of Paralle in the Assigner	Denable the Assignee to enjoy the toregoing right, title, and SSIGNEE View agree to execute all papers, take all rightful on bon actions and infrargement actions, and do all other such or securing and maintaining patents on the longoing invention securing and maintaining patents on the longoing invention.	ths, lestify in all legal acts which may be
No conflicted the court for full co		
As a bridge carried insertor, hereby and that I are the corporal insertor or	declare that the above-identified application was made or a an original just inventor of a claimed invention in the applica	ithorized to be made by me tion
Thereby acknowledge that any willful impresonment of act more than five (5	laise statement made in this declaration is punishable under Lyears, or both	18 U.S.C. 1901 by fine or
Date Sign	sature .	Assignor/inventor
Date 2016 - Sign	Beste DE LAT/	Assignor/Inventor
Date: Sign	Arjas Toodor VAN WIERINGEN Sture Arguel AALDERN	Assignar/Inventor

PATENT REEL: 049132 FRAME: 0365

U.S.A. Sole/Joint

ASSIGNMENT & DECLARATION

Docket No. 2015P01672WOUS

hereby sell, and assign, and t having a place of business at	ransfer the entii High Tech Can	In I/we acknowledge receipt, I/we as a below-named A re and exclusive right, title, and interest in the followin npus 5, 5656 AE, Eindhoven, the Netherlands, its succ lectively "the Assignee") my/our invention for which ar	g to Koninklijke Philips N.V., cessors, assigns, and legal
is executed concurrently b	erewith		
was filed on ***, having a	United States A	pplication No. ***	
was filed on 2017-Feb-09	, having an Inte	mational Application No. PCT/EP2017/052854,	
therewith, based thereon, or o divisions, continuations, continuations,	laiming priority ruations-in-part	ill other United States, foreign and international patent therefrom including, but not limited to, any and all pro , re-examinations, reissues, and extensions thereof, a e, and interest in and to any and all patents granted o	visionals, non-provisionals nd the right to claim priority
I/We authorize and request the and all Letters Patent when grepresentatives.	at the Patent Ot anted, solely to	ffice officials in the United States and in any and all fo the Assignee(s), for its sole use, and that of its succe	reign countries to issue any ssors, assigns, and legal
Upon request at the expense of proceedings including patent p	of the Assignee prosecution acti	e the Assignee to enjoy the foregoing right, title, and i , I/we agree to execute all papers, take all rightful oatl ons and infringement actions, and do all other such a ing and maintaining patents on the foregoing inventior	ns, testify in all legal ots which may be
I/We certify that I/we have the	full right to con-	vey the above rights.	
		that the above-identified application was made or aut al joint Inventor of a claimed invention in the applicati	
I hereby acknowledge that any imprisonment of not more than		ntement made in this declaration is punishable under for both.	18 U.S.C. 1001 by fine or
Date:	Signature:	······································	Assignor/Inventor
Date:	Signature:	Bente DE LAT	Assignor/Inventor
Date: 26-001-2018	Signature:	Arjan Teodor XAN.WIERINGEN	Assignor/inventor
		995	

PATENT REEL: 049132 FRAME: 0366

RECORDED: 05/09/2019