506226820 08/28/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VINCENT ADRIANUS HENNEKEN	11/01/2017
MARCUS CORNELIS LOUWERSE	12/01/2017
JOHANNES WILHELMUS WEEKAMP	01/11/2017
RONALD DEKKER	05/07/2015
MARC GODFRIEDUS MARIE NOTTEN	07/14/2015
ANTONIA CORNELIA JEANNET VAN RENS	07/14/2015

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:	15326055

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.

Phone: 914-495-9516

Email: jacqueline.andreu@philips.com

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

465 COLUMBUS AVENUE Address Line 1:

Address Line 2: **SUITE 340**

Address Line 4: VALHALLA, NEW YORK 10595

ATTORNEY DOCKET NUMBER:	2014P00519WOUS
NAME OF SUBMITTER:	CATHERINE E. FELDMAN
SIGNATURE:	/Catherine E. Feldman/
DATE SIGNED:	08/28/2020

Total Attachments: 6 source=2014P00519WOus_Assignment#page1.tif source=2014P00519WOus_Assignment#page2.tif source=2014P00519WOus_Assignment#page3.tif

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source=2014P00519WOus_Assignment#page6.tif

and assign, and transfe a place of business at I representatives, includi is executed concurr was executed by me	r the entire and exclusive r High Tech Campus 5,5656 ing any nominees (collecti ently herewith	we acknowledge receipt, I/we as a below-named A right, title, and interest in the following to Koninkl AE, Eindhoven, the Netherlands, its successors, as ively "the Assignee") my/our invention for which a aving a Serial No.	ijke Philips N.V., having ssigns, and legal
was filed on. 25 Ju	n 2015, having an Internat	tional Application No. PCT/EP2015/064365,	
therewith, based thereconsistency provisionals divisions,	on, or claiming priority the continuations, continuation	ther United States, foreign and international patent erefrom including, but not limited to, any and all prons-in-part, re-examinations, reissues, and extensions right, title, and interest in and to any and all pate	ovisionals, non- ns thereof, and the right to
•		e officials in the United States and in any and all for the Assignee(s), for its sole use, and that of its sur	**
extent. Upon request a legal proceedings inclunecessary, desirable, or thereto in the Assignee I/We certify that I/we I	at the expense of the Assignating patent prosecution at a convenient for securing a convenient for securing a convenient for the full right to convenient the ful	4/	ful oaths, testify in all sch acts which may be
Date	(sign name here) (print name here)	Vincenj Adrianus HENNEKEN	, Assignor
		**	
	(sign name here)	Marcus Cernelis LOUWERSE	Agginger
Date	(print name here)	OF ME CHAN COLD BROWN SINGKE WY REACHTE.	, Assignor
	(sign name here)		
Date	(print name here)	Johannes Withelmus WEEKAMP	, Assignor
	(sign name here)		
Date	(print name here)	Ronald DEKKER	, Assignor
	(sign name here)		
Date	(print name here)	Marc Godfriedus Marie NOTTEN	, Assignor
	(sign name here)		~
Date	(print name here)	Antonia Cornelia Jeannet VAN RENS	, Assignor

For good and valuat	ole consideration, of which I/v	we acknowledge receipt, I/we as a below-named A	ssignor(s), hereby sell,
and assign, and tran-	sfer the entire and exclusive :	ight, title, and interest in the following to Koninkli	jke Philips N.V., having
a place of business	at High Tech Campus 5,5656	AE, Eindhoven, the Netherlands, its successors, as	signs, and legal
representatives, incl	uding any nominees (collecti	vely "the Assignee") my/our invention for which a	n application:
is executed conc	urrently herewith		
	me/us on		
was filed on	, ha	ving a Serial No	
was filed on. 25	Jun 2015, having an Internat	ional Application No. PCT/EP2015/064365,	
and all rights in and	to said application, and all of	ther United States, foreign and international patent	applications associated
therewith, based the	reon, or claiming priority the	refrom including, but not limited to, any and all pro	ovisionals, non-
provisionals division	ns, continuations, continuatio	ns-in-part, re-examinations, reissues, and extension	as thereof, and the right to
claim priority theret	o, and the entire and exclusiv	e right, title, and interest in and to any and all pate	nts granted on these
applications.			
I/We authorize and	request that the Patent Office	officials in the United States and in any and all for	reign countries to issue
any and all Letters I	Patent when granted, solely to	the Assignee(s), for its sole use, and that of its suc	cessors, assigns, and
legal representative	s.		
legal proceedings in necessary, desirable thereto in the Assign	cluding patent prosecution ac , or convenient for securing a	nee, I/we agree to execute all papers, take all rightictions and infringement actions, and do all other suand maintaining patents on the foregoing invention by the above rights.	ch acts which may be
	(sign name here)		
Date	(print name here)	Vincent Adrianus HENNEKEN	, Assignor
10 01 0 10	(sign name here)	The said Sandara as	
<u>42-01-201)</u> Date	(print name here)	Marcus Cornelis LOUWERSE	, Assignor
	(sign name here)		
Date	(print name here)	Johannes Wilhelmus WEEKAMP	, Assignor
Date	Quint ranto troto,	* • • • • • • • • • • • • • • • • • • •	,
	(sign name here)		
Date	(print name here)	Ronald DEKKER	, Assignor
	(sign name here)		
Date	(print name here)	Marc Godfriedus Marie NOTTEN	, Assignor
	(sign name here)		
Date	(print name here)	Antonia Cornelia Jeannet VAN RENS	, Assignor
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Page 1 of 1

For good and valuab	le consideration, of which I/	we acknowledge receipt, I/we as a below-named A	.ssignor(s), hëreby sell,
and assign, and trans	afer the entire and exclusive a	right, title, and interest in the following to Koninkl	ijke Philips N.V., having
a place of business a	t High Tech Campus 5,5656	AE, Eindhoven, the Netherlands, its successors, a	ssigns, and legal
representatives, inch	ıding any nominees (collecti	vely "the Assignee") my/our invention for which a	m application:
is executed concu	arrently herewith		
was executed by	me/us on		
was filed on	, ha	wing a Serial No	
was filed on. 25.	Jun 2015, having an Internat	ional Application No. PCT/EP2015/064365,	
and all rights in and	to said application, and all of	ther United States, foreign and international patent	applications associated
therewith, based their	con, or claiming priority the	refrom including, but not limited to, any and all pr	ovisionals, non-
provisionals division	is, continuations, continuatio	ns-in-part, re-examinations, reissues, and extensio	ns thereof, and the right to
claim priority thereto), and the entire and exclusiv	e right, title, and interest in and to any and all pate	nts granted on these
applications.			
I/We authorize and r	equest that the Patent Office	officials in the United States and in any and all fo	reign countries to issue
any and all Letters P	atent when granted, solely to	the Assignee(s), for its sole use, and that of its su	ccessors, assigns, and
legal representatives	•		
I/We will provide m	y/our cooperation to enable t	he Assignee to enjoy the foregoing right, title, and	interest to the fullest
extent. Upon reques	t at the expense of the Assig	nee, I/we agree to execute all papers, take all right	ful oaths, testify in all
legal proceedings in	cluding patent prosecution ac	ctions and infringement actions, and do all other su	ch acts which may be
necessary, desirable,	or convenient for securing a	and maintaining patents on the foregoing invention	or for perfecting title
thereto in the Assign	ice.		
I/We certify that I/w	e have the full right to conve	ry the above rights.	
	(sign name here)		
Date	(print name here)	Vincent Adrianus HENNEKEN	, Assignor
	(sign name here)		
Date	(print name here)	Marcus Cornelis LOUWERSE	, Assignor
		<i>x</i>	
1/11/17	(sign name here)		
Date	(print name here)	Johnnes Wilhelmus WEEKAMP	, Assignor
	(sign name here)		
Date	(print name here)	Ronald DEKKER	, Assignor
			, ,
	(sign name here)		
Date	(print name here)	Marc Godfriedus Marie NOTTEN	, Assignor
	Chames orecorn gray si		i v madellenen
	(sign name here)		
Date	(print name here)	Antonia Cornelia Jeannet VAN RENS	, Assignor
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Page 1 of 1

Docket No. 2014P00519WOUS

U.S.A. Sale/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:
is executed concurrently herewith
was executed by me/us on
was filed on, having a Serial No
── was filed on. 25 Jun 2015, having an International Application No. PCT/EP2015/064365,

ASSIGNMENT

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.

	(sign name here)		
Date	(print name here)	Vincent Adrianus HENNEKEN	, Assignor
	(sign name here)		
Date	(print name here)	Marcus Cornelis LOUWERSE	, Assignor
	(sign name here)		
Date	(print name here)	Johannes Wilhelmus WEEKAMP	, Assignor
5-7-2015	(sign name here)	de de la companya de	
Date	(print name here)	Ronald DEKKER	, Assignor
	(sign name here)		
Date	(print name here)	Marc Godfriedus Marie NOTTEN	, Assignor
	(sign name here)		
Date	(print name here)	Antonia Cornelia Jeannet VAN RENS	Assignor

For good and valu	able consideration, of which I/s	we acknowledge receipt, I/we as a below-named A	ssignor(s), hereby sell,
and assign, and tra	unsfer the entire and exclusive r	ight, title, and interest in the following to Koninkl	ijke Philips N.V., having
a place of business	s at High Tech Campus 5,5656	AE, Eindhoven, the Netherlands, its successors, a	ssigns, and legal
representatives, in	cluding any nominees (collective	vely "the Assignee") my/our invention for which a	in application:
is executed cor	currently herewith		
was executed b	y me/us on	***************************************	
was filed on	, ha	ving a Serial No.	
was filed on. 2	5 Jun 2015 , having an Internat	ional Application No. PCT/EP2015/064365,	
and all rights in an	ed to said application, and all of	her United States, foreign and international patent	applications associated
therewith, based th	nereon, or claiming priority the	refrom including, but not limited to, any and all pr	ovisionals, non-
provisionals divisi	ons, continuations, continuatio	ns-in-part, re-examinations, reissues, and extensio	ns thereof, and the right to
claim priority ther applications.	eto, and the entire and exclusiv	e right, title, and interest in and to any and all pate	nts granted on these
		officials in the United States and in any and all fo	
		the Assignee(s), for its sole use, and that of its su	ccessors, assigns, and
legal representativ	es.		
I/We will provide	my/our cooperation to enable t	he Assignee to enjoy the foregoing right, title, and	interest to the fullest
extent. Upon requ	est at the expense of the Assign	nee, I/we agree to execute all papers, take all right	ful oaths, testify in all
		tions and infringement actions, and do all other su	
		nd maintaining patents on the foregoing invention	
thereto in the Assi			
	•		
I/We certify that I	we have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Vincent Adrianus HENNEKEN	, Assignor
	(sign name here)		
Date	(print name here)	Marcus Cornelis LOUWERSE	, Assignor
	(sign name here)		
Date	(print name here)	Johannes Wilhelmus WEEKAMP	, Assignor
	(sign name here)		
Date	(print name here)	Ronald DEKKER	, Assignor
7108 FO 4	(sign name here)	M/1242	
Date Date	(print name here)	Marc Godfriedus Marie NOTTEN	, Assignor
	(sign name here)		
Date	(print name here)	Antonia Cornelia Jeannet VAN RENS	, Assignor

Page 1 of 1

RECORDED: 08/28/2020

For good and value	ible consideration, of which I/	we acknowledge receipt, I/we as a below-named A	ssignor(s), hereby sell,
and assign, and tra	nsfer the entire and exclusive i	right, title, and interest in the following to Koninkli	jke Philips N.V., having
a place of business	at High Tech Campus 5,5656	AE, Eindhoven, the Netherlands, its successors, as	signs, and legal
representatives, inc	duding any nominees (collecti	vely "the Assignee") my/our invention for which a	n application:
is executed con	currently herewith		
was executed b	y me/us on		
was filed on	, ha	eving a Serial No	
was filed on. 25	5 Jun 2015 , having an Internat	ional Application No. PCT/EP2015/064365,	
and all rights in an	d to said application, and all o	ther United States, foreign and international patent	applications associated
therewith, based th	ereon, or claiming priority the	refrom including, but not limited to, any and all pro	ovisionals, non-
provisionals division	ons, continuations, continuatio	ns-in-part, re-examinations, reissues, and extension	is thereof, and the right to
	eto, and the entire and exclusive	re right, title, and interest in and to any and all pater	ats granted on these
applications.			
	•	officials in the United States and in any and all for	_
•		the Assignee(s), for its sole use, and that of its suc	cessors, assigns, and
legal representative	es.		
I/We will provide i	my/our cooperation to enable t	he Assignee to enjoy the foregoing right, title, and	interest to the fullest
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	(sign name here)		
Date	(print name here)	Vincent Adrianus HENNEKEN	, Assignor
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Date	(print name here)	Marcus Cornelis LOUWERSE	, Assignor
	(sign name here)		
Date	(print name here)	Johannes Wilhelmus WEEKAMP	, Assignor
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Date	(print name here)	Ronald DEKKER	, Assignor
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	(sign name here)		
Date	(print name here)	Marc Godfriedus Marie NOTTEN	, Assignor
		46	
7/14/2015	(sign name here)		
Date	(print name here)	Antonia Cornelia Jeannet Van RENS	, Assignor

Page 1 of 1