505569647 07/12/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOBIAS WISSEL	02/12/2018
IRINA WAECHTER-STEHLE	02/12/2018
FRANK MICHAEL WEBER	02/13/2018
ARNE EWALD	02/15/2018

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:	16477796

CORRESPONDENCE DATA

Fax Number: (914)495-9540

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Email: jacqueline.andreu@philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

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Address Line 2: SUITE 340

Address Line 4: VALHALLA, NEW YORK 10595

ATTORNEY DOCKET NUMBER:	2016P01392WOUS
NAME OF SUBMITTER:	CATHERINE E. FELDMAN
SIGNATURE:	/Catherine E. Feldman/
DATE SIGNED:	07/12/2019

Total Attachments: 4

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PATENT REEL: 049741 FRAME: 0925

to

Date

For good and valuable	consideration, of which I/v	ve acknowledge receipt, I/we as a below-n	amed Assignor(s), hereby sell,
and assign, and transfe	r the entire and exclusive r	ight, title, and interest in the following to I	Coninklijke Philips N.V., having
*		AE, Eindhoven, the Netherlands, its succe	
representatives, includ	ing any nominees (collectiv	vely "the Assignee") my/our invention for	which an application:
is executed concur	ently herewith		
was executed by m	e/us on		
was filed on	, ha	ving a Serial No	>><>>×<>>×<>>×<>>×<
was filed on. 12 Fe	b 2018 , having an Internati	ional Application No. PCT/EP2018/05340	90,
and all rights in and to	said application, and all of	her United States, foreign and internations	l patent applications associated
therewith, based thereo	on, or claiming priority the	refrom including, but not limited to, any ar	nd all provisionals, non-
provisionals divisions,	continuations, continuation	ns-in-part, re-examinations, reissues, and ϵ	xtensions thereof, and the right t
claim priority thereto,	and the entire and exclusiv	e right, title, and interest in and to any and	all patents granted on these
applications.			
I/We authorize and rec	nuest that the Patent Office	officials in the United States and in any ar	d all foreign countries to issue
		the Assignee(s), for its sole use, and that of	
legal representatives.	,		, ,
C X			
I/We will provide my/	our cooperation to enable t	he Assignee to enjoy the foregoing right, t	itle, and interest to the fullest
• •	•	nee, I/we agree to execute all papers, take	
**	"	tions and infringement actions, and do all	
necessary, desirable, o	r convenient for securing a	nd maintaining patents on the foregoing in	vention or for perfecting title
thereto in the Assigner		<u> </u>	
I/We certify that I/we	have the full right to conve	y the above rights.	
		₩	
17.02.2018	(sign name here)	¥	
Date	(print name here)	Tobias WISSEL	, Assignor
Date	(print name here)	Irina WAECHTER-STEHLE	, Assignor
Date	(print name here)	Frank Michael WEBER	, Assignor

Page 1 of 1

Arne EWALD

(print name here)

, Assignor

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

		AE, Eindhoven, the Netherlands, its succe	
representatives, :	including any nominees (collecti	vely "the Assignee") my/our invention for	which an application:
is executed o	oncurrently herewith		
process.	by me/us on	······································	
was filed on.	, ha	wing a Serial No	**********
was filed on.	12 Feb 2018, having an Internat	tional Application No. PCT/EP2018/0534	90,
and all rights in	and to said application, and all o	ther United States, foreign and internations	d patent applications associated
therewith, based	thereon, or claiming priority the	refrom including, but not limited to, any ar	nd all provisionals, non-
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	ereto, and the entire and exclusiv	e right, title, and interest in and to any and	all patents granted on these
applications.			
I/We authorize a	nd request that the Patent Office	officials in the United States and in any ar	nd all foreign countries to issue
		o the Assignee(s), for its sole use, and that	
legal representat	ives.		•

extent. Upon red legal proceeding	quest at the expense of the Assig s including patent prosecution ac able, or convenient for securing a	the Assignee to enjoy the foregoing right, to nee, I/we agree to execute all papers, take actions 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
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Page 1 of 1

to

Date

		e acknowledge receipt, I/we as a below-na ght, title, and interest in the following to K	*
		AE, Eindhoven, the Netherlands, its succes	
		ely "the Assignee") my/our invention for	-
representatives, mente	mg any nominees (conecus	ery the resignee y mygour invention to	windi di approatori.
is executed concurr	ently herewith		
was executed by me	e us on	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
was filed on	hav	ring a Serial No	*********
was filed on. 12 Fe	b 2018, having an Internation	onal Application No. PCT/EP2018/05340	0,
and all rights in and to	said application, and all oth	er United States, foreign and international	patent applications associated
		efrom including, but not limited to, any an	-
•		s-in-part, re-examinations, reissues, and e	
3		right, title, and interest in and to any and	-
applications.			
I/We authorize and req	juest that the Patent Office	officials in the United States and in any an	d all foreign countries to issue
any and all Letters Pate	ent when granted, solely to	the Assignee(s), for its sole use, and that o	of its successors, assigns, and
legal representatives.			
•		e Assignee to enjoy the foregoing right, ti	
	-	ee, I/we agree to execute all papers, take a	
* *		ions and infringement actions, and do all	
•	_	nd maintaining patents on the foregoing in	vention or for perfecting title
thereto in the Assignee).		
1/35/n a anti-Co than 1/ove 1	karja eka 6.11 washe ta campar	, the chara sinter	
Dwe certify that Dwe	have the full right to convey	the above rights;	
	(sign name here)		
Date	(print name here)	Tobias WISSEL	, Assignor
Date	(print name here)	Irina WAECHTER-STEHLE	, Assignor
2018-07-13	TRANK WEBER	F. Qua.	
Date	(print name here)	Frank Michael WEBER	, Assignor

Page 1 of 1

Arne EWALD

(print name here)

PATENT REEL: 049741 FRAME: 0928

, 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 5,5656 A	tht, title, and interest in the following E, Eindhoven, the Netherlands, its su ely "the Assignee") my/our invention	ccessors, assigns, and legal
was filed on	ne/us on, hav	ing a Serial No	
therewith, based there provisionals divisions	on, or claiming priority there, continuations	er United States, foreign and internati from including, but not limited to, an s-in-part, re-examinations, reissues, an right, title, and interest in and to any	y and all provisionals, non- nd extensions thereof, and the right to
	•	fficials in the United States and in an he Assignee(s), for its sole use, and th	
extent. Upon request legal proceedings incl	at the expense of the Assigna uding patent prosecution acti or convenient for securing an	e Assignee to enjoy the foregoing righter, I/we agree to execute all papers, takens and infringement actions, and do distinguishing patents on the foregoing	ke all rightful oaths, testify in all all all other such acts which may be
I/We certify that I/we	have the full right to convey	the above rights.	
Date	(sign name here) (print name here)	Tobias WISSEL	, Assignor
Date	(print name here)	Irina WAECHTER-STEHLE	, Assignor
Date ASTRIS 7848	(print name here) Arre Ew.(d /(print name here)	Frank Michael WEBER	, Assignor
Date	/(print name here)	APRO ERBALD	, Assignor

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