502622788 01/07/2014

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2669397

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GEORG GREUEL	10/03/2013
THOMAS JUESTEL	09/23/2013
JAGODA MAGDALENA KUC	11/13/2013

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:	14127812	

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ATTORNEY DOCKET NUMBER:	2011P00605WOUS
NAME OF SUBMITTER:	DANIEL J. PIOTROWSKI
Signature:	/Daniel J. Piotrowski/
Date:	01/07/2014

Total Attachments: 3

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		e acknowledge receipt, I/we as a bel	
and assign, and transfer th	ne entire and exclusive ri	ght, title, and interest in the followin	g to Koninklijke Philips N.V., having
	-	AE, Eindhoven, the Netherlands, its	
representatives, including	any nominees (collectiv	ely "the Assignee") my/our inventio	n for which an application:
is executed concurrent	tly herewith		
was executed by me/u	s on		
77777.0		ving a Serial No.	
		onal Application No. PCT/IB2012/0	
and all rights in and to sai	id application, and all of	ner United States, foreign and interna	ational patent applications associated
		efrom including, but not limited to, a	
•		- 	and extensions thereof, and the right t
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•		the Assignee(s), for its sole use, and	
legal representatives.	michi granica, sciar, co	110 1 100 101 101 101 101 101 101 101 1	sian or the barrage and the same and the sam
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I/We will provide my/our	r cooneration to enable th	ne Assignee to enjoy the foregoing ri	ght, title, and interest to the fullest
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thereto in the Assignee.			, , , , , , , , , , , , , , , , , , ,
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I/We certify that I/we have	ve the full right to conve	v the above rights:	
		,	
DL 2.1 2017	(sign name here)	Land Land	
Date	(print name here)	Georg GREUEL	, Assignor
Date	Shine name notes	C new & networks	, 1 workner
Date	(print name here)	Thomas JUESTEL	, Assignor
Date	(print name here)	Jagoda Magdalena KUC	, Assignor
LAUC	Dim mun non	~ IE A COLE TIME WHERE IN VIEW A.	, 1 1551 <u>5</u> 1101

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to

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 A	E, Eindhoven, the Netherlands, its su	ccessors, assigns, and legal
representatives, inc	cluding any nominees (collective	ly "the Assignee") my/our invention	for which an application:
is executed con	currently herewith		
was executed b	y me/us on	.4(.)4(.)4(.)4(.)1(.)1(.)1(.)1(.)1(.)1(.)1	
was filed on	, hav	ing a Serial No	****************
was filed on. 2	S Jun 2012, having an Internatio	nal Application No. PCT/IB2012/05	3208,
and all rights in an	d to said application, and all oth	er United States, foreign and internati	onal patent applications associated
therewith, based th	nereon, or claiming priority there	from including, but not limited to, an	y and all provisionals, non-
provisionals divisi	ons, continuations, continuations	i-in-part, re-examinations, reissues, a	nd extensions thereof, and the right to
claim priority there	eto, and the entire and exclusive	right, title, and interest in and to any	and all patents granted on these
applications.			
	Patent when granted, solely to t	fficials in the United States and in an he Assignee(s), for its sole use, and th	
I/We will provide extent. Upon requ	my/our cooperation to enable the	e Assignee to enjoy the foregoing righte, I/we agree to execute all papers, takens and infringement actions, and do	ke all rightful oaths, testify in all
necessary, desirab	le, or convenient for securing an	d maintaining patents on the foregoin	g invention or for perfecting title
thereto in the Assi			
I/We certify that I	we have the full right to convey	the above rights.	
	(sign name here)		
Date	(print name here)	Georg GREUEL	, Assignor
23 (9 43	Thours Jiskel	James Kish	<u></u>
Date	(print name here)	Thomas JUESTE	, Assignor
Date	(print name here)	Jagoda Magdalena KUC	. Assignor

Page 1 of 1

		acknowledge receipt, I/we as a belo	
		nt, title, and interest in the rollowing E, Eindhoven, the Netherlands, its s	to Koninklijke Philips N.V., having
•		ly "the Assignee") my/our invention	
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is executed concurrently	herewith		
was executed by me/us of			
		ing a Serial No	
was filed on. 25 Jun 20)	12, having an Internation	nal Application No. PCT/IB2012/0:	53288,
therewith, based thereon, or provisionals divisions, cont	claiming priority there		ny and all provisionals, non- and extensions thereof, and the right to
claim priority thereto, and t applications.	he entire and exclusive	right, title, and interest in and to any	and all patents granted on these
I/We authorize and request	that the Patent Office of	officials in the United States and in a	ny and all foreign countries to issue
any and all Letters Patent w	when granted, solely to	the Assignee(s), for its sole use, and	that of its successors, assigns, and
legal representatives.			
VWa uáll provida mylour c	conservation to enable th	e Assignee to enjoy the foregoing ri	ght, title, and interest to the fullest
extent. Upon request at the	expense of the Assign	ee, I/we agree to execute all papers.	take all rightful oaths, testify in all
legal proceedings including	g patent prosecution act	ions and infringement actions, and d	o all other such acts which may be
necessary, desirable, or cor	ivenient for securing ar	nd maintaining patents on the foregoi	ing 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)	Georg GREUEL	, Assignor
Date	(print name here)	Thomas JUESTEL	, Assignor

Page 1 of 1

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, Assignor