#### 502547357 10/28/2013

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2592894

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
LUDO\ JOHANNES LAMBERTUS HAENEN	05/15/2012
SILVIA MARIA BOOIJ	04/26/2012
HUIB COOIJMANS	10/29/2012
GEORGES MARIE CALON	11/06/2012

## **RECEIVING PARTY DATA**

Name:	Koninklijke Philips Electronics N V		
Street Address:	High Tech Campus 5		
City:	Eindhoven		
State/Country:	NETHERLANDS		
Postal Code:	5656AE		

# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14114250

## **CORRESPONDENCE DATA**

Fax Number: (914)332-0615 Phone: 914-332-0222

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Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: MICHAEL E. MARION Address Line 1: P.O. BOX 3001

Address Line 2: INTELLECTUAL PROPERTY & STANDARDS Address Line 4: BRIARCLIFF MNR., NEW YORK 10510-8001

ATTORNEY DOCKET NUMBER:	2011P00696WOUS
NAME OF SUBMITTER:	YULIYA MATHIS

**PATENT** 

REEL: 031487 FRAME: 0334

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Signature:	/Yuliya Mathis/		
Date:	10/28/2013		
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PATENT REEL: 031487 FRAME: 0335

and assign, and transfer t N.V., having a place of b	he entire and exclusive ousiness at Groenewoud	I/we acknowledge receipt, I/we as a below e right, title, and interest in the following to dseweg 1, 5621 BA Eindhoven, the Nethe collectively "the Assignee") my/our inven	o Koninklijke Philips Electronics rlands, its successors, assigns, and
	us on, l	having a Serial Nohaving a Serial No	
therewith, based thereon provisionals divisions, co	, or claiming priority the ontinuations, continuations.	other United States, foreign and internation nerefrom including, but not limited to, any ions-in-part, re-examinations, reissues, and ive right, title, and interest in and to any a	and all provisionals, non- d extensions thereof, and the right to
		ce officials in the United States and in any to the Assignee(s), for its sole use, and the	-
extent. Upon request at legal proceedings includ	the expense of the Assi	e the Assignee to enjoy the foregoing right ignee, I/we agree to execute all papers, tak actions and infringement actions, and do a g and maintaining patents on the foregoing	ke all rightful oaths, testify in all all other such acts which may be
I/We certify that I/we ha	ve the full right to con	vey the above rights.	
2 <u>012 - IIIay - 15</u> Date	(sign name here) (print name here)	Ludovicus Johannes Lambertus HAENEN	.Assignor
Date	(sign name here) (print name here)	Silvia Maria BOOIJ	Assignor
Date	(sign name here) (print name here)	Huib COOIJMANS	. Assignor

Georges Marie CALON

(sign name here)

(print name here)

Date

PATENT REEL: 031487 FRAME: 0336

. Assignor

-	ŕ	I/we acknowledge receipt, I/we as a below-na	
		e right, title, and interest in the following to K	· "
		dseweg 1, 5621 BA Eindhoven, the Netherlan	
iegai representatives, n	ncluding any nominees (	collectively "the Assignee") my/our invention	for which an application:
is executed concurr	ently herewith		
	e/us on		
		having a Serial No	*******
		national Application No. PCT/IB2012/05203	
and all rights in and to	esid annlication and all	other United States, foreign and international	notent annlications associated
•		nerefrom including, but not limited to, any and	* **
	~ ~ ~	ions-in-part, re-examinations, reissues, and ex	•
-		ive right, title, and interest in and to any and a	•
applications.			
I/We authorize and req	uest that the Patent Offic	ce officials in the United States and in any and	l all foreign countries to issue
·		to the Assignee(s), for its sole use, and that of	
legal representatives.			
I/We will provide my/o	our cooperation to enable	e the Assignee to enjoy the foregoing right, tit	le, and interest to the fullest
	-	ignee, I/we agree to execute all papers, take al	-
		actions and infringement actions, and do all o	· ·
-	~	gand maintaining patents on the foregoing inv	ention or for perfecting title
thereto in the Assignee	).		
I/We certify that I/we I	nave the full right to con	vey the above rights.	
	(sign name here)		. Assignor
Date	(print name here)	Ludovicus Johannes Lambertus	
		HAENEN	
April 26th 2012	(sign name here)	Slades	A naiomor
Date	(print name here)	Silvia Maria BOOIJ	, Assignor
	(prim mino nore)	1325 V 258 27 868 2 86 2 9 1 7 2 9 8 19	
	(sign name here)		, Assignor
Date	(print name here)	Huib COOIJMANS	MARINA (MARIA MARINA MA
	(sign name here)		Assignor
Date	(print name here)	Georges Marie CALON	

Georges Marie CALON

(print name here)

**PATENT REEL: 031487 FRAME: 0337** 

and assign, and transfer N.V., having a place of	the entire and exclusive business at Groenewou	I/we acknowledge receipt, I/we as a below-neright, title, and interest in the following to I diseweg 1, 5621 BA Eindhoven, the Netherla collectively "the Assignee") my/our invention	Koninklijke Philips Electronics ands, its successors, assigns, and
was filed on	√us on, 1	having a Serial No	
and all rights in and to therewith, based thereo provisionals divisions,	said application, and all n, or claiming priority the continuations, continuat	other United States, foreign and international nerefrom including, but not limited to, any and ions-in-part, re-examinations, reissues, and of ive right, title, and interest in and to any and	al patent applications associated and all provisionals, non- extensions thereof, and the right to
		æ officials in the United States and in any ar to the Assignee(s), for its sole use, and that o	•
extent. Upon request a legal proceedings inclu	t the expense of the Assi ding patent prosecution a convenient for securing	the Assignee to enjoy the foregoing right, to ignee, I/we agree to execute all papers, take a 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
I/We certify that I/we h	ave the full right to conv	vey the above rights.	
Date	(sign name here) (print name here)	Ludovicus Johannes Lambertus HAENEN	, Assignor
Date	(sign name here) (print name here)	Silvia Maria BOOIJ	. Assignor
<u> 20-70-201</u> 2. Date	(sign name here) (print name here)	Huib COOLJMANS	. Assignor

**Georges Marie CALON** 

**REEL: 031487 FRAME: 0338** 

(sign name here)

(print name here)

Date

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

and assign, and transfe	r the entire and exclusive	e right, title, and interest in the following to K	oninklijke Philips Electronics
N.V., having a place of	f business at Groenewou	dseweg 1, 5621 BA Eindhoven, the Netherlan	ds, its successors, assigns, and
legal representatives, in	ncluding any nominees (	collectively "the Assignee") my/our invention	for which an application:
is executed concurr	ently herewith		
•	e/us on		
		having a Serial No	
was filed on. 2012-	Apr-23, having an Inter	national Application No. PCT/IB2012/05203	2,
and all rights in and to	said application, and all	other United States, foreign and international	patent applications associated
		herefrom including, but not limited to, any and	-
-		ions-in-part, re-examinations, reissues, and ex	
applications.	and the entire and exclus	sive right, title, and interest in and to any and a	ill patents granted on these
* *			
•	•	ce officials in the United States and in any and	<del>-</del>
•	ent when granted, solely	to the Assignee(s), for its sole use, and that of	f its successors, assigns, and
legal representatives.			
I/We will provide my/	our cooperation to enable	e the Assignee to enjoy the foregoing right, tit	le, and interest to the fullest
extent. Upon request a	it the expense of the Ass	ignee, I/we agree to execute all papers, take al	l rightful oaths, testify in all
legal proceedings inclu	iding patent prosecution	actions and infringement actions, and do all o	ther such acts which may be
necessary, desirable, or	r convenient for securing	g and maintaining patents on the foregoing inv	rention or for perfecting title
thereto in the Assignee	2.		
I/We certify that I/we I	have the full right to con	vev the above rights:	
•	J	J	
	(sign name here)		, Assignor
Date	(print name here)	Ludovicus Johannes Lambertus	
		HAENEN	
	(sign name here)		, Assignor
Date	(print name here)	Silvia Maria BOOIJ	
	(sign name here)		, Assignor
Date	(print name here)	Huib COOIJMANS	
, Life		72	
6 MOU 2012	(sign name here)	January State Control of the Control	, Assignor
Date	(print name here)	Georges Marie CALON	ALGUITETE (ALGUITETE COMPANDO

PATENT REEL: 031487 FRAME: 0339

**RECORDED: 10/28/2013**