### 502340884 05/09/2013

## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TIMON RUTGER GROB	03/18/2013
SIMA ASVADI	03/19/2013
ANTONIUS WILHELMUS MARIA DE LAAT	03/18/2013
JUDITH PETRA HUURDEMAN	03/25/2013
DIDO VAN KLINKEN	03/21/2013

#### **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:	13825247

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	2010P00695WOUS
NAME OF SUBMITTER:	TIMOTHY A. NATHAN
	PATENT

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Signature:	/Timothy A. Nathan/
Date:	05/09/2013
Total Attachments: 5 source=2010P00695_EXEC_ASSIGNMENTource=2010P00695_EXEC_ASSIGNMENTource=2010P00695_EXEC_ASSIGNMENTource=2010P00695_EXEC_ASSIGNMENTource=2010P00695_EXEC_ASSIGNMENTource=2010P00695_EXEC_ASSIGNMENTource=2010P00695_EXEC_ASSIGNMENTource=2010P00695_EXEC_ASSIGNMENTource=2010P00695_EXEC_ASSIGNMENTOURCE=20	Γ#page2.tif Γ#page3.tif Γ#page4.tif

PATENT REEL: 030381 FRAME: 0387

		ve acknowledge receipt, I/we as a below-name	
<del></del>		ight, title, and interest in the following to Kon	r 3
		ous 5, 5656 AE, Eindhoven, the Netherlands, i	
legal representativ	es, including any nominees (co	llectively "the Assignee") my/our invention for	or which an application:
is executed con	ncurrently herewith		
was executed l	by me/us on	31134(31C)1C)1C)1C)1C)1C)1C)1C)1C)1C)1C)1C)1C)1	
was filed on	, ha	ving a Serial No	*****
was filed on. 2	011-Sep-19, having an Internat	ional Application No. PCT/IB2011/054086,	
and all rights in ar	nd to said application, and all of	her United States, foreign and international pa	tent applications associated
therewith, based th	hereon, or claiming priority ther	efrom including, but not limited to, any and a	ll provisionals, non-
provisionals divisi	ions, continuations, continuation	ns-in-part, _e-examinations, reissues, and exte	nsions thereof, and the right
to claim priority tl	hereto, and the entire and exclus	sive right, title, and interest in and to any and a	all patents granted on these
applications.			
I/We authorize an	d request that the Patent Office	officials in the United States and in any and a	ll foreign countries to issue
any and all Letters	Patent when granted, solely to	the Assignee(s), for its sole use, and that of it	s successors, assigns, and
legal representativ	es.		
I/We will provide	my/our cooperation to enable the	ne Assignee to enjoy the foregoing right, title,	and interest to the fullest
		nee, I/we agree to execute all papers, take all r	
		tions and infringement actions, and do all other	-
		nd maintaining patents on the foregoing inven	<del>"</del>
thereto in the Assi			. 0
I/We certify that I	/we have the full right to conve	v the above rights	
		and the state of t	
8-03-2017	(sign name here)	< limes	
Date	(print name here)	Timon Rutger GROB	, Assignor
Date	(print name here)	Sima ASVADI	Assignor
¥*4.		A TERRE & B. S. C. The Transport	
Date	(print name here)	Antonius Wilhelmus Maria DE LAAT	, Assignor

Page 1 of 1

Dido VAN KLINKEN

(print name here)

(print name here)

Date

Date

Judith Petra HUURDEMAN

, Assignor

, Assignor

		we acknowledge receipt, I/we as a below-nam	
		right, title, and interest in the following to Kor	• •
N.V., having a place of	business High Tech Cam	pus 5, 5656 AE, Eindhoven, the Netherlands,	its successors, assigns, and
legal representatives, in	cluding any nominees (co	ollectively "the Assignee") my/our invention f	or which an application:
is executed concurre	ently herewith		
was executed by me	/us on	***************************************	
was filed on	, ha	iving a Serial No	*<2360
was filed on. 2011-8	iep-19, having an Interna	tional Application No. PCT/IB2011/054086,	
and all rights in and to s	aid application, and all o	ther United States, foreign and international pr	atent applications associated
		refrom including, but not limited to, any and a	
		ns-in-part, _e-examinations, reissues, and exte	
		sive right, title, and interest in and to any and	•
·		officials in the United States and in any and a the Assignee(s), for its sole use, and that of it	
extent. Upon request at legal proceedings include	the expense of the Assig	he Assignee to enjoy the foregoing right, title, nee, I/we agree to execute all papers, take all tations and infringement actions, and do all other and maintaining patents on the foregoing inverse.	ightful oaths, testify in all er such acts which may be
I/We certify that I/we ha	ave the full right to conve	y the above rights.	
		· v	
*	(sign name here)	With What was a second of the	
Date	(print name here)	Timon Rutger GROB	, Assignor
Date	(print name here)	Sima ASVADI	, Assignor
Date	(print name here)	Antonius Wilhelmus Maria DE LAAT	, Assignor
	Second second of	A AWA AW ASA SA VAN	y a conseguence
Date	(print name here)	Judith Petra HUURDEMAN	, Assignor
Date 21 Harch 201	(print name here)	Dido VAN KLINKEN	, Assignor

Page 1 of 1

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 Electronics

	-	5, 5656 AE, Eindhoven, the Netherlands, it ctively "the Assignee") my/our invention for	
was filed on	us on, havin	g a Serial No	<b></b>
therewith, based thereon provisionals divisions, co	or claiming priority therefit ontinuations, continuations-	United States, foreign and international pat rom including, but not limited to, any and all in-part, _e-examinations, reissues, and exter e right, title, and interest in and to any and al	l provisionals, non- ssions thereof, and the right
		icials in the United States and in any and all e Assignee(s), for its sole use, and that of its	
extent. Upon request at legal proceedings includ	the expense of the Assignee ing patent prosecution actio	Assignee to enjoy the foregoing right, title, and the agree to execute all papers, take all right and infringement actions, and do all other maintaining patents on the foregoing invent	ghtful oaths, testify in all r such acts which may be
I/We certify that I/we ha	ve the full right to convey the	he above rights.	
	(sign name here)		
Date	(print name here)	Timon Rutger GROB	, Assignor
Date	(print name here)	Sima ASVADI	, Assignor
Date	(print name here)	Antonius Wilhelmus Maria DE LAAT	, Assignor
25 Nac 2013 Date	Tudith Humdenan (print name here)	Judith Pope HUURDEMAN	, Assignor
Date	(print name here)	Dido VAN KLINKEN	, Assignor

Page 1 of 1

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

Date  Date  2013-03-18  Date  Date	(sign name here) (print name here) (print name here) (print name here)	Timon Rufger GROS  Sima ASVADI  Antonius Wilhelmus Maria DE LAAT  Judith Petra HUURDEMAN	, Assignor , Assignor , Assignor , Assignor
Date 2013 - 03 - 18	(print name here)  (print name here)	Sima ASVADI	, Assignor
Date	(print name here)  (print name here)	Sima ASVADI	
***************************************	(print name here)		
Date	***************************************	Timoo Rutger GROS	, Assignor
	(sign name here)		
I/We certify that I	/we have the full right to conve	y the above rights.	
extent. Upon req legal proceedings	iest at the expense of the Assign including patent prosecution ac ile, or convenient for securing a	he Assignee to enjoy the foregoing right, title nee, I/we agree to execute all papers, take all tions and infringement actions, and do all oth and maintaining patents on the foregoing inve	rightful oaths, testify in all her such acts which may be
	s Patent when granted, solely to	officials in the United States and in any and the Assignee(s), for its sole use, and that of	
therewith, based to provisionals divis	hereon, or claiming priority the ions, continuations, continuation	her United States, foreign and international prefrom including, but not limited to, any and ns-in-part, _e-examinations, reissues, and extended to any and interest in and to any and	all provisionals, non- tensions thereof, and the righ
was executed was filed on		ving a Serial Noional Application No. PCT/IB2011/054086,	
legal representati			and the second second second

Page 1 of 1

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 Electronics N.V., having a place of business 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 €:	cuted concurrently herewith
☐ was	executed by me/us on
was	iled on having a Serial No
🛛 was	iled on. 2011-Sep-19, having an International Application No. PCT/IB2011/054086,

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, \_e-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)	Timon Rutger GROB	, Assignor
19.03.2013 Date	(print name here)	Sima ASVADI	, Assignor
Date	(print name here)	Antonius Wilhelmus Maria DE LAAT	, Assignor
Date	(print name here)	Judith Petra HUURDEMAN	, Assignor
Date	(print name here)	Dido VAN KLINKEN	, Assignor

Page 1 of 1