PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2876038

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WALTER DEES	01/24/2014
JOHANNES ARNOLDUS CORNELIS BERNSEN	01/06/2014
KOEN JOHANNA GUILLAUME HOLTMAN	01/06/2014
FRANCISCUS ANTONIUS MARIA VAN DE LAAR	01/06/2014

RECEIVING PARTY DATA

Name:	KONINKLIJKE PHILIPS ELECTRONICS N.V.	
Street Address:	HIGH TECH CAMPUS 5	
City:	EINDHOEVN	
State/Country:	NETHERLANDS	
Postal Code:	5656 AE	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14361561

CORRESPONDENCE DATA

Fax Number: (914)332-0615

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.

using a lax number, if provided, if that is unsuccessful, it will be sent v

Phone: 914-945-6000

Email: noemi.chapa@philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

Address Line 1: P.O. BOX 3001

Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510

ATTORNEY DOCKET NUMBER:	2011P02558WOUS
NAME OF SUBMITTER:	NOEMI CHAPA
SIGNATURE:	/Noemi Chapa/
DATE SIGNED:	05/29/2014

Total Attachments: 4

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PATENT 502829442 REEL: 032989 FRAME: 0476

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PATENT REEL: 032989 FRAME: 0477 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 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 ex	cecuted c	ncurrently herewith	
	was	executed	by me/us on	измоненен
	was	filed on.	, having a Se	rial No
\boxtimes	was	filed on.	5 Nev 2012, having an International App	plication No. PCT/IB2012/056450,

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.

24/01/2014	(sign name here)	64	
Date	(print name here)	Walter DEES	, Assignor
Date	(print name here)	Johannes Arnoldus Cornelis BERNSEN	, Assignor
Date	(print name here)	Koen Johanna Guillaume HOLTMAN	, Assignor
Date	(print name here)	Franciscus Antonius Maria VAN DE LAAR	, Assignor

Page 1 of 1

		ve acknowledge receipt, I/we as a below-name	• • • • • • • • • • • • • • • • • • • •
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		mpus 5,5656 AE, Eindhoven, the Netherlands,	
legal representati	ves, including any nominees (co	llectively "the Assignee") my/our invention fo	r which an application:
is executed co	ncurrently herewith		
was executed	by me/us on	***************************************	
		ving a Serial No	••(>)
was filed on. 1	15 Nov 2012, having an Internat	ional Application No. PCT/IB2012/056450,	
and all rights in a	nd to said application, and all of	her United States, foreign and international par	tent applications associated
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claim priority the	reto, and the entire and exclusive	e right, title, and interest in and to any and all p	patents granted on these
applications.			
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		ne Assignee to enjoy the foregoing right, title,	
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		tions and infringement actions, and do all othe	~
	· · · · · · · · · · · · · · · · · · ·	nd maintaining patents on the foregoing invent	tion or for perfecting title
thereto in the Ass	ignee.		
V/Wa cortify that !	I/we have the full right to conve	u the above rights	
if we certify that	n we have the tuit right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Walter/DEES	, Assignor
Jan. 6. 2014	4	11/4	
Date	(print name here)	Johannes Arnoldus Cornelis	, Assignor
		BEÁNSEN	
Date	(print name here)	Koen Johanna Guillaume HOLTMAN	, Assignor
Date	(print name here)	Franciscus Antonius Maria VAN DE	, Assignor
	78		,

Page 1 of 1

LAAR

Date

and assign, and trans N.V., having a place	fer the entire and exclusive r of business at High Tech Ca	we acknowledge receipt, I/we as a below-namight, title, and interest in the following to Kormpus 5,5656 AE, Eindhoven, the Netherland llectively "the Assignee") my/our invention f	ninklijke Philips Electronics s, its successors, assigns, and
was filed on	ne/us on, ha	ving a Serial Noional Application No. PCT/IB2012/056450,	······
therewith, based ther provisionals division	eon, or claiming priority then s, continuations, continuation	her United States, foreign and international prefrom including, but not limited to, any and ans-in-part, re-examinations, reissues, and exteright, title, and interest in and to any and all	all provisionals, non- ensions thereof, and the right to
	ntent when granted, solely to	officials in the United States and in any and a the Assignee(s), for its sole use, and that of i	**
extent. Upon request legal proceedings inc	at the expense of the Assign luding patent prosecution ac 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 nd maintaining patents on the foregoing inves	rightful oaths, testify in all er such acts which may be
I/We certify that I/we	e have the full right to conve	y the above rights.	
Date	(sign name here) (print name here)	Walter DEES	, Assignor
Date	(print page here)	Johannes Arnoldus Cornelis BERNSEN	, Assignor
Date	(print name here)	Koen Johanna Guillaume HOLTMAN	, Assignor

Page 1 of 1

LAAR

Franciscus Antonius Maria VAN DE

(print name here)

PATENT REEL: 032989 FRAME: 0480

, Assignor

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 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
wa	s executed by me/us on
☐ wa	s filed on, having a Serial No
⊠ wa	s filed on. 15 Nov 2012, having an International Application No. PCT/IB2012/056450,

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.

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I/We certify that I/we have the full right to convey the above rights.

	(sign name here)		
Date	(print name here)	Walter DEES	Assignor
Date	(print name here)	Johannes Arnoldus Cornelis BERNSEN	, Assignor
Date 6-1-2014	(print name here)	Koen Johanna Guillaume HOLTMAN	, Assignor
Date	(print game here)	Franciscus Antonius Maria VAN DE LAAR	, Assignor

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