PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Eric Cohen-Solal	02/01/2012
Michael Chun-chieh Lee	02/01/2012
Sebastian Peter Michael Dries	02/02/2012
Julien Senegas	02/01/2012
Stefanie Remmele	02/01/2012
Jens Von Berg	02/01/2012

RECEIVING PARTY DATA

Name:	Koninklijke Philips Electronics N.V.	
Street Address:	High Tech Campus 5	
City:	Eindhoven	
State/Country:	NETHERLANDS	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13983070

CORRESPONDENCE DATA

Fax Number: 914-332-06

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Email: babbette.freeman@philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

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Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510

ATTORNEY DOCKET NUMBER:	2011P00009WOUS	
NAME OF SUBMITTER:	Yan Glickberg	
Signature:	/Yan Glickberg/	PATENT

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Date:	08/01/2013
Total Attachments: 6 source=2011P00009WOUS_ASSIGNMENT source=2011P00009WOUS_ASSIGNMENT source=2011P00009WOUS_ASSIGNMENT source=2011P00009WOUS_ASSIGNMENT source=2011P00009WOUS_ASSIGNMENT source=2011P00009WOUS_ASSIGNMENT	#page2.tif #page3.tif #page4.tif #page5.tif

PATENT REEL: 030921 FRAME: 0097 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 Groenewoudseweg 1, 5621 BA Eindhoven, the Netherlands, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee") my/our invention for which an application:

	is e	xecuted concurrently herewith
	Was	executed by me/us on
	was	filed on, having a Serial No
Ø	Was	filed on. 2012-Jan-31, having an International Application No. PCT/IB2012/050446,

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.

Feb 2012	(sign name here)	Ent COHEN-SOLAL	. Assignor
Feb 2012 Date	(sign name here) (print name here)	Michael Chun-chieb LEE	. Assignor
Date	(sign name here) (print name here)	Julien SENEGAS	. Assignor

Page 1 of 2

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 Groenewoodsesseg 1, S621 BA Eindhoven, the Netherlands, its auccessors, assigns, and
legal representatives, including any nominees (collectively "the Assignee") my/out invention for which an application:
print .

	is executed concurrently herewith
	was executed by me/as on
	was filed on
\boxtimes	was filed on: 2012-Jan-31, having an International Application No. PCT/IB2012/050446.

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

<u> </u>	Z <u>Grint name bere)</u> (print name bere)	Sebastian Peter Allehael DRIES	. <u>Assignor</u>
Oote -	(sign nume here) (prot name here)	Jons VON BERG	<u>A55889898</u>
Date	(Sign name here)	Stefanie REMNELE	<u>Assignor</u> PATENT

REEL: 030921 FRAME: 0099

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

N.V., having a pla	ce of business at Groenewor	ve right, title, and interest in the following adseweg 1, 5621 BA Eindhoven, the Nethen (collectively "the Assignee") my/our inver	erlands, its successors, assigns, and
	y me/us on		
		having a Serial Nonational Application No. PCT/IB2012/05	
therewith, based the provisionals divisionals	ereon, or claiming priority tons, continua	l other United States, foreign and internation therefrom including, but not limited to, any tions-in-part, re-examinations, reissues, and sive right, title, and interest in and to any a	and all provisionals, non- d extensions thereof, and the right
	Patent when granted, solely	ce officials in the United States and in any to the Assignee(s), for its sole use, and the	-
extent. Upon requi legal proceedings i	est at the expense of the Ass ncluding patent prosecution e, or convenient for securing	e the Assignee to enjoy the foregoing right ignee, I/we agree to execute all papers, tak actions and infringement actions, and do a gand maintaining patents on the foregoing	te all rightful oaths, testify in all all other such acts which may be
I/We certify that I/	we have the full right to con	vey the above rights.	
Date	(sign name here)	Eric COHEN-SOLAL	. Assignor
Date	(<u>sign name here)</u> (print name here)	Michael Chun-chieh LEE	. Assignor
<u>0 1 . 8 1 - 26 (て</u> Date	(sign name here)		. Assignor
ann as agus	(print name here)	Julien SENEGAS	

Page of 2

PATENT REEL: 030921 FRAME: 0100 For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell,

N.V., having a place	of business at Groenewou	e right, title, and interest in the following to deseweg 1, 5621 BA Eindhoven, the Netherla (collectively "the Assignee") my/our invention	ands, its successors, assigns, and
is executed concu	mently herewith		
	ne/us on		
was filed on	***************************************	having a Serial No	************
was filed on. 2012	-Jan-31, having an Inter	national Application No. PCT/IB2012/0504	16 ,
and all rights in and to	o said application, and all	other United States, foreign and international	al patent applications associated
		herefrom including, but not limited to, any a	
		tions-in-part, re-examinations, reissues, and o	
claim priority thereto, applications.	and the entire and exclus	sive right, title, and interest in and to any and	all patents granted on these
I/We authorize and re any and all Letters Pa legal representatives.	quest that the Patent Offic tent when granted, solely	ce officials in the United States and in any ar to the Assignee(s), for its sole use, and that	nd all foreign countries to issue of its successors, assigns, and
extent. Upon request legal proceedings incl	at the expense of the Assi uding patent prosecution or 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	have the full right to conv	ey the above rights.	
Phase.	(sign name here)		. Assignor
Date	(print name here)	Sebastian Peter Michael DRIES	
		***************************************	.Assignor
Date	(sign name here)	Jens VON BERG	
	(print name here)	<u>/</u> ?	
1-65-2012	(sign name here)	Marine C	
Date	(print name here)	Stefanie REMMELE PA	Assignor
	Become against may ash	1.7	TENT :1 FRAME: 0101
		I\LLL. 00032	

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

N.V., having a p	lace of business at Groenewo	ve right, title, and interest in the following udseweg 1, 5621 BA Eindhoven, the Nethon (collectively "the Assignee") my/our inver	erlands, its successors, assigns, and
☐ was executed ☐ was filed on.		having a Serial No	
and all rights in a therewith, based provisionals divi	and to said application, and al thereon, or claiming priority t sions, continuations, continua	I other United States, foreign and internation therefrom including, but not limited to, any ations-in-part, re-examinations, reissues, and sive right, title, and interest in and to any a	onal patent applications associated and all provisionals, non- d extensions thereof, and the right to
I/We authorize a any and all Lette legal representati	rs Patent when granted, solely	ice officials in the United States and in any to the Assignee(s), for its sole use, and the	and all foreign countries to issue at of its successors, assigns, and
extent. Upon requestings	uest at the expense of the Ass s including patent prosecution ble, or convenient for securing	e the Assignee to enjoy the foregoing right signee. I/we agree to execute all papers, tak actions and infringement actions, and do a g and maintaining patents on the foregoing	e all rightful oaths, testify in all
I/We certify that	I/we have the full right to con	vey the above rights.	
Date	<u>(sign name here)</u> (print name here)	Eric COHEN-SOLAL	. Assignor
Date	(<u>sign name here)</u> (print name here)	Michael Chun-chieh LEE	. Assignor
Date	(Sign name here) (print name here)	Julien SENEGAS	. Assignor

RECORDED: 08/01/2013

REEL: 030921 FRAME: 0103

and assign, and t	ransfer the entire and exclusi lace of business at Groenewo	ve right, title, and interest in the follo	a below-named Assignor(s), hereby sell, owing to Koninklijke Philips Electronics Netherlands, its successors, assigns, and r invention for which an application:
was executed was filed on.		, having a Serial No. mational Application No. PCT/IB20	
therewith, based provisionals divi	thereon, or claiming priority sions, continuations, continuations, continuations,	therefrom including, but not limited (es, and extensions thereof, and the right
I/We authorize as any and all Letter legal representati	's Patent when granted, solely	ice officials in the United States and to the Assignee(s), for its sole use, a	in any and all foreign countries to issue and that of its successors, assigns, and
extent. Upon req legal proceedings	uest at the expense of the Ass including patent prosecution ble, or convenient for securing	signee, I/we agree to execute all pape actions and infringement actions, an	g right, title, and interest to the fullest rs, take all rightful oaths, testify in all d do all other such acts which may be going invention or for perfecting title
I/We certify that]	I'we have the full right to con	vey the above rights.	
Date	(<u>sign name here)</u> (print name here)	Schastian Peter Michael DRIE	Assignor S
1.2 . 12 Date	— (sign name here) (print name here)	Jens VON BERG	Assignor
Date	(<u>sign name here)</u> (print name here)	Stefanie REMMELE	. Assignor PATENT