502711272 03/07/2014

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2757876

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ASHRAF SAAD	05/27/2013
THANASIS LOUPAS	09/23/2013
DAVID HULL	06/19/2013
STEVEN JOHN HILL	09/20/2013

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:	14343488

CORRESPONDENCE DATA

 Fax Number:
 (914)332-0615

 Phone:
 914-945-6000

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

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

Address Line 1: P.O. BOX 3001

Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510

ATTORNEY DOCKET NUMBER:	2011P01922WOUS	
NAME OF SUBMITTER:	W. BRINTON YORKS, JR.	
Signature:	/W. Brinton Yorks, Jr./	
	PATENT	

502711272 REEL: 032376 FRAME: 0585

Date:	03/07/2014
Total Attachments: 4 source=2011P01922OWUS_Assignment#p. source=2011P01922OWUS_Assignment#p. source=2011P01922OWUS_Assignment#p. source=2011P01922OWUS_Assignment#p.	age2.tif age3.tif

PATENT REEL: 032376 FRAME: 0586 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 executed concurrently herewith
was executed by me/us on
was filed on, having a Serial No.
was filed on. 2012-Sep-14, having an International Application No. PCT/IB2012/054812,

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.

5/7.7 /.17	(sign name here)			
Date	(print name here)	Ashraf SAAD	, Assignor	
Date	(print name here)	Thanasis LOUPAS	, Assignor	
Date	(print name here)	David HULL	, Assignor	
Date	(print name here)	Steven John IIII.I.	, 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 t	ransfer the entire and exclusive r	ight, title, and interest in the followi	ng to Koninklijke Philips Electronics
			nerlands, its successors, assigns, and
legal representat	ives, including any nominees (co	llectively "the Assignee") my/our in	vention for which an application:
Tis executed o	oncurrently herewith		
	by me/us on		
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and all rights in :	and to said application, and all of	her United States, foreign and interr	ational patent applications associated
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applications.			
any and all Lette legal representat I/We will provid extent. Upon re- legal proceeding necessary, desire thereto in the As	rs Patent when granted, solely to ives. le my/our cooperation to enable the the expense of the Assign including patent prosecution actible, or convenient for securing a	the Assignee(s), for its sole use, and ne Assignee to enjoy the foregoing race, I/we agree to execute all papers tions and infringement actions, and maintaining patents on the foregoing	any and all foreign countries to issue I that of its successors, assigns, and ight, title, and interest to the fullest take all rightful oaths, testify in all do all other such acts which may be sing invention or for perfecting title
	(sign name here)		
Date	(print name here)	Ashraf SAAD	. Assignor
23/5/13		The second second	
Date	(print name here)	Thanasis LOUPAS	, Assignor
Date	(print name here)	David HULL	, Assignor
Date	(print name here)	Steven John HILL	, Assignor

Page 1 of 1

		**	elow-named Assignor(s), hereby sell, ing to Koninklijke Philips Electronics
	•	us 5, 5656 AE, Eindhoven, the Net lectively "the Assignee") my/our is	herlands, its successors, assigns, and
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and all rights in a	nd to said application, and all of	ner United States, foreign and inter	national patent applications associated
therewith, based	thereon, or claiming priority ther	efrom including, but not limited to	any and all provisionals, non-
provisionals divis	sions, continuations, continuation	is-in-part, _e-examinations, reissue	s, and extensions thereof, and the right
to claim priority t	thereto, and the entire and exclus	ive right, title, and interest in and t	o any and all patents granted on these
applications.			
I/We authorize as	nd request that the Patent Office	officials in the United States and in	any and all foreign countries to issue
any and all Letter	rs Patent when granted, solely to	the Assignee(s), for its sole use, an	d that of its successors, assigns, and
legal representati	ves.		
I/We will provide	e my/our cooperation to enable th	ne Assignee to enjoy the foregoing	right, title, and interest to the fullest
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thereto in the Ass	signee.		
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	(sign name here)	\$\\ \$0.00 \ \$ \ \$ \ \$ \ \$ \ \$ \ \$ \ \$ \ \$ \ \$ \	
Date	(print name here)	Ashraf SAAD	, Assignor
Date	(print name here)	Thanasis LOUPAS	, Assignor
6/19/13	DAVIJAHUIL	. Danielis Hall	
Date '	(print name here)	David HULL	, Assignor
Date	(print name here)	Steven John HILL	, Assignor

Page 1 of 1

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•		<u>-</u>	ng to Koninklijke Philips Electronics
	•		herlands, its successors, assigns, and
legal representati	ves, including any nominees (col	lectively "the Assignee") my/our ir	ivention for which an application:
is executed co	oncurrently herewith		
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was filed on.	, hav	ing a Serial No	
was filed on.	2012-Sep-14, having an Internati	onal Application No. PCT/IB2012	/054812,
and all rights in a	and to said application, and all oth	er United States, foreign and interr	national patent applications associated
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	•		any and all foreign countries to issue
*		ine Assigneds), for its sole use, and	d that of its successors, assigns, and
legal representati	ives.		
I/We will provide	e my/our cooperation to enable th	e Assignee to enjoy the foregoing t	ight, title, and interest to the fullest
extent. Upon rec	quest at the expense of the Assign	ee, I/we agree to execute all papers	, take all rightful oaths, testify in all
legal proceedings	s including patent prosecution act	ions and infringement actions, and	do all other such acts which may be
necessary, desira	ble, or convenient for securing an	d maintaining patents on the foreg	oing invention or for perfecting title
thereto in the Ass	signee:		
I/We certify that	I/we have the full right to convey	the above rights.	
	(sign name here)		
Date	(print name here)	Ashraf SAAD	, Assignor
Date	(print name here)	Thanasis LOUPAS	, Assignor
Date	(print name here)	David HULL	// Assignor
9/20/201	3 StevenJohn Hi		a.
Date	(print name here)	Steven John HILL	. Assignor

Page 1 of 1

RECORDED: 03/07/2014