PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mun Thoh MA	10/08/2009
Chandra Mohan JANAKIRAMAN	06/29/2009
Ronald Albert PLANTINGA	10/08/2009
L. BOUHUYS	06/29/2009
Wa CHU	06/29/2009

RECEIVING PARTY DATA

Name:	Koninklijke Philips Electronics N V	
Street Address: Groenewoudseweg 1		
City: Eindhoven		
State/Country: NETHERLANDS		
Postal Code:	5621 BA	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12601323

CORRESPONDENCE DATA

Fax Number: (914)332-0615

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

914-332-0222 Phone:

Email: JEANNE.RUSCIANO@PHILIPS.COM

Correspondent Name: PAUL IM Address Line 1: P.O. BOX 3001

Address Line 2: Intellectual Property & Standards

BRIARCLIFF MNR., NEW YORK 10510-8001 Address Line 4:

ATTORNEY DOCKET NUMBER: 008643 US1 JEANNE RUSCIANO NAME OF SUBMITTER:

REEL: 023561 FRAME: 0353

PATENT

Total Attachments: 5

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L/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 Koninklijke Philips Electronics N.V., for its sole use, and that of its successors, assigns, and legal representatives. L/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. L/We certify that I/we have the full right to convey the above rights. L/We certify that I/we have the full right to convey the above rights. L/We certify that I/we have the full right to convey the above rights. L/We certify that I/we have the full right to convey the above rights. L/We certify that I/we have the full right to convey the above rights. L/We certify that I/we have the full right to convey the above rights. L/We certify that I/we have the full right to convey the above rights. L/We certify that I/we have the full right to convey the above rights. L/We certify that I/we have the full right to convey the above rights. L/We certify that I/we have the full right to convey the above rights. L/We certify that I/we have the full right to convey the above rights. L/We certify that I/we have the full right to convey the above rights. L/We certify that I/we have the full right to convey the above rights. L/We certify that I/we have the full right to convey the above rights. L/We certify that I/we have the full right to convey the above rights. L/We certify that I/we have the full right to convey the above rights. L/We certify that I/we have the full right to convey the above rights.	and assign, and transfer N.V., having a place of	the entire and exclusive the business at Groenewouds	we acknowledge receipt, I/we as a below-naming to the following to Koneweg 1, 5621 BA Eindhoven, the Netherland is (collectively "the Assignee") my/our inventions.	ninklijke Philips Electronics s, its successors, assigns,
was filed on	is executed concurre	ently herewith		·
was filed on. May 30, 2008, having an International Application No. PCT/B2008/052109, 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-in-part, reexaminations, 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 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 Koninklijke Philips Electronics N.V., 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. P/I act. 2009 (sign name here) (print name here)	was executed by me	/us on	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
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, reexaminations, 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 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 Kominklijke Philips Electronics N.V., 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. Pla occ. 2009 (sign name here) (sign name here) (rprint name here) Assignor Date (print name here) (sign name here) (right name here) (sign name here) (print name here) (sign name here) (sign name here) (print name here) (sign name here)	was filed on	, ha	ving a Serial No.	******
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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 executed concurrently herewith
	was executed by me/us on
	was filed on having a Serial No.
X	was filed on. May 30, 2008, having an International Application No. PCT/B2008/052109

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, reexaminations, 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 Koninklijke Philips Electronics N.V., 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)		, Assignor
Date	(print name here)	Mun Thoh MA	
6-29-2009	(sign name here)	, , , , ⁾	, Assignor
Date	(print name here)	Chandra Mohan JANAKIRAMAN	•
	(sign name here)		, Assignor
Date	(print name here)	Ronald Albert PLANTINGA	
	(sign name here)		, Assignor
Date	(print name here)	BOUHUYS L	***************************************
	(sign name here)		, Assignor
Date	(print name here)	Wa CHU	***************************************

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

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	(sign name here)		, Assignor
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	(sign name here)		, Assignor
Date	(print name here)	Ronald Albert PLANTINGA	
7	(sign name here)		, Assignor
Date	(print name here)	BOUHUYS L	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Wa CHU

(sign name here)

(print name here)

Date

PATENT REEL: 023561 FRAME: 0357

, Assignor

and assign, and it N.V., having a pl	ansfer the entire and exclusive a ace of business at Groenewoud:	we acknowledge receipt, I/we as a below-nar right, title, and interest in the following to Ko seweg 1, 5621 BA Eindhoyen, the Netherland s (collectively "the Assignee") my/our invent	minklijke Philips Electronics ls, its successors, assigns,
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	by me/us on		
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I/We certify that I	/we have the full right to conve	y the above rights.	
	(sign name here)		Assignor
Date	(print name here)	Mun Thoh MA	
	(sign name here)		, Assignor
Date	(print name here)	Chandra Mohan JANAKIRAMAN	***************************************
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PATENT REEL: 023561 FRAME: 0359

RECORDED: 11/24/2009