PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILHELMUS HENDRIKUS ALFONSUS BRULS	09/17/2008
ARNAUD PIERRE HERVE BOURGE	09/22/2008

RECEIVING PARTY DATA

Name:	Koninklijke Philips Electronics N V		
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City:	Eindhoven		
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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12526665	

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Total Attachments: 2

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REEL: 023764 FRAME: 0888

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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. was filed on. 16-Sep-2008, having an International Application No. PCT/IB2008/053739, 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, nonprovisionals 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. 1) sep 2000 (sign name here) Assignor Wilhelmus Hendrikus Alfonsus **BRULS**

Arnaud Pierre Hervé BOURGE

(sign name here)

(print name here)

Date

. Assignor

and assign, and a	ansier the chille and exclusi	h I/we acknowledge receipt, I/we as a below ve right, title, and interest in the following	to Kanindalita new re
, naving a pi	ace or pasiness at Oroenewo	oudseweg 1, 5621 BA Eindhoven, the Nether (collectively "the Assignee") my/our inver	relands its
is executed co	ncurrently herewith		
	by me/us on		
was filed on		having a Serial No.	
was filed on. 1	6-Sep-2008, having an Inter-	national Application No. PCT/IB2008/053	739,
provisionals divisi	ons, continuations, continual	other United States, foreign and internation herefrom including, but not limited to, any tions-in-part, reexaminations, reissues, and sive right, title, and interest in and to any an	and all provisionals, non-
any and an Leners	request that the Patent Office Patent when granted, solely, and legal representatives.	ce officials in the United States and in any a to Koninklijke Philips Electronics N.V., for	and all foreign countries to issue r its sole use, and that of its
legal proceedings in	st at the expense of the Assign scluding patent prosecution a s, or convenient for securing	the Assignee to enjoy the foregoing right, gnee, I/we agree to execute all papers, take actions and infringement actions, and do all and maintaining patents on the foregoing in	all rightful oaths, testify in all
I/We certify that I/w	re have the full right to conve	ey the above rights.	
	(sign name here)		, Assignor
Date	(print name here)	Wilhelmus Hendrikus Alfonsus BRULS	, Assignor
22 - 09 - 200 8	(sign name here)	Rouge	. Assignor
Date	(print name here)	Arnaud Pierre Hervé BOURGE	+ 7333igHVI

RECORDED: 01/12/2010

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