PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EVERT JAN VAN LOENEN	12/04/2007
GEERT LANGEREIS	12/04/2007
RALPH KURT	12/04/2007
STEFFEN REYMANN	12/04/2007

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:	12295757

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	004492 US1
NAME OF SUBMITTER:	JEANNE RUSCIANO

Total Attachments: 3

PATENT REEL: 021626 FRAME: 0385

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> PATENT REEL: 021626 FRAME: 0386

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

Electronics N.V., havin successors, assigns, and	g a place of business at I legal representatives, in	usive right, title, and interest in the following to Groenewoudseweg 1, 5621 BA Eindhoven, the including any nominees (collectively "the Assig	e Netherlands, its
for which an application	ner T		
is executed concurre	ently herewith		
was executed by me	/88 on	ant prayagatifan jagarak til sekra kita jagin och jägt	
was filed on	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	having a Serial No	
was filed on 28 Max	ch 2007 having an Inte	ernational Application No. PCT/1B2007/05109	33
associated therewith, ba provisionals, non-provi extensions thereof, and	sed thereon, or claiming sionals divisions, contin	other United States, foreign and international particular priority therefrom including, but not limited to uations, continuations-in-part, reexaminations ty thereto, and the entire and exclusive right, the s.	to, any and all , reissues, and
issues any and all Lette		te officials in the United States and in any and solely to Koninklijke Philips Electronics N.V., ves	- .
fullest extent. Upon rectestify in all legal proce acts which may be nece or for perfecting title the	quest at the expense of the edings including patent ssary, desirable, or conv	the Assignee to enjoy the foregoing right, title ne Assignee, I/we agree to execute all papers, to prosecutional actions and infringement actions renient for securing and maintaining patents or vey the above rights	take all rightful oaths, s, and do all other such
		Allower i	
04 December 2007	(sign name here)		, Assignor
Date	(print name here)	Cycrt Jan VAN LOENEN	
	(sign name here)		, Assignor
Date	(print name here)	Geert LANGEREIS	
	(sign name here)		. Assignor
Date	(print name here)	Ralph KURT	
	(sign name here)		, Assignor
Date	(print pame here)	Steffen REYMANN	<u></u>

PATENT REEL: 021626 FRAME: 0387

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

☐ is executed concurrently herewith ☐ was executed by me/us on ☐ was filed on, having a Serial No. ☐ was filed on 28 March 2007 having an International Application No. PCT/ IB2007/051093 and all rights in and to said application, and all other United States, foreign and international patent application	n and to
☐ was filed on, having a Serial No	n and to
was filed on 28 March 2007 having an International Application No. PCT/IB2007/051093	n and to
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and all rights in and to said application, and all other United States, foreign and international patent application	n and to
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associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all	ries to
provisionals, non-provisionals divisions, continuations, continuations-in-part, reexaminations, reissues, and	ries to
extensions thereof, and the right to claim priority thereto, and the entire and exclusive right, title, and interest 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 count issues any and all Letters Patent when granted, solely to Koninklijke Philips Electronics N.V., for its sole use, of its successors, assigns, and legal representatives	an o i nai
I/We will provide my/our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to fullest extent. Upon request at the expense of the Assignee, I/we agree to execute all papers, take all rightful of testify in all legal proceedings including patent prosecutional actions and infringement actions, and do all other acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing in or for perfecting title thereto in the Assignee.	aths _s r such
I/We certify that I/we have the full right to convey the above rights	
(sign name here) , Assi	nor
Date (print name here) Evert Jan VAN LOENEN	
04 December 2007 (sign name here) , Assi	3nor
Date (print name here) Geers TANGEREIS	
04 December 2007 (sign name here) Resty Link , Assi	jnor
Date (print name here) Ralph KURT	
(sign name here) . Assi	**************************************
(sign name here) , Assi Date (print name here) Steffen REYMANN	4.25.23

PATENT REEL: 021626 FRAME: 0388 10

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

Electronics N.V., hav	ing a place of business at G nd legal representatives, inc	sive right, title, and interest in the followin roenewoodseweg 1, 5621 BA Eindhoven, luding any nominees (collectively "the As	the Netherlands, its
is executed concur	rently herewith		
was executed by n	ne/us on	***************************************	
was filed on		ving a Serial No	
was filed on 28 M	arch 2007 having an Inter	national Application No. PCT/ IB2007/05	1093
associated therewith, provisionals, non-prov extensions thereof, an	based thereon, or claiming prisionals divisions, continu	ther United States, foreign and international priority therefrom including, but not limite ations, continuations-in-part, reexamination thereto, and the entire and exclusive right	ed to, any and all ons, reissues, and
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		officials in the United States and in any and left to Koninklijke Philips Electronics N.	
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fullest extent. Upon r testify in all legal proc acts which may be new or for perfecting title t	equest at the expense of the ceedings including patent patent patent patent, desirable, or converthereto in the Assignee.	he Assignee to enjoy the foregoing right, to Assignee, I/we agree to execute all paper rosecutional actions and infringement action intent for securing and maintaining patents	s, take all rightful oaths. ons, and do all other such
I/We certify that I/we	have the full right to conve	y the above rights	
	(sign name here)		, Assignor
Date	(print name here)	Evert Jan VAN LOENEN	
Date	(sign name here)	Geert LANGEREIS	, Assignor
	(sign name here)		, Assignor
Date	(print name here)	Ralph KURT	<u> </u>
O December 2007	(sign name here)	<u> </u>	, Assignor
Date	(print name here)	Steffen REYMANN	

RECORDED: 10/03/2008

PATENT REEL: 021626 FRAME: 0389