12992100

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PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Meng HAN	07/15/2010
Albrecht KRAUS	11/16/2010
Holger MOENCH	07/27/2010

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:	12992100

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	010442US1
NAME OF SUBMITTER:	MARK BELOBORODOV

Total Attachments: 3

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For good and valu	able consideration, of which I/	we acknowledge receipt, I/we as a bel	ow-named Assignor(s), hereby sell,
		right, title, and interest in the followin	
		seweg 1, 5621 BA Eindhoven, the Net	
legal representativ	ves, including any nominees (co	ollectively "the Assignee") my/our inv	ention for which an application:
□ is avecuted as			
	ncurrently herewith by me/us on		
		aving a Serial No.	
		ational Application No. PCT/IB2009/0	
	in the state of th		,51071,
and all rights in an	nd to said application, and all o	ther United States, foreign and interna	tional patent applications associated
		refrom including, but not limited to, a	
			nd extensions thereof, and the right to
	eto, and the entire and exclusive	e right, title, and interest in and to any	and all patents granted on these
applications.			
I/Ma authoriza an	d request that the Detant Office	officials in the IInited States and in a	
		officials in the United States and in an Koninklijke Philips Electronics N.V.	
	s, and legal representatives.	romanijae i mrips istectionies iv. v.	, for its sole use, and that of its
	,,,		
I/We will provide	my/our cooperation to enable t	he Assignee to enjoy the foregoing rig	tht, title, and interest to the fullest
		nee, I/we agree to execute all papers, t	
legal proceedings	including patent prosecution ac	ctions and infringement actions, and do	o all other such acts which may be
necessary, desirab	le, or convenient for securing a	and maintaining patents on the foregoing	ng invention or for perfecting title
thereto in the Assi	gnee.		
I/We certify that I	/we have the full right to conve	ey the above rights.	
15/07/2010	(sign name here)	Hen woul	, Assignor
Date	(print name here)	Meng HAN	
	(sign name here)		, Assignor
Date	(print name here)	Albrecht KRAUS	
	(sign name here)		, Assignor
Date	(print name here)	Holger MOENCH	, Assignor
<i>put</i>	(Print name note)	TIOISOI THOULIGH	

		we acknowledge receipt, I/we as a beloight, title, and interest in the following	- '''
N.V., having a place of	business at Groenewouds	eweg 1, 5621 BA Eindhoven, the Net	herlands, its successors, assigns, and
legal representatives, in	cluding any nominees (co	llectively "the Assignee") my/our inv	ention for which an application:
is executed concurre	·		
-	/us on		
		ving a Serial No.	
✓ was filed on. 07-Mag	y-2009, having an Interna	tional Application No. PCT/IB2009/0	518/1,
and all rights in and to s	aid application, and all of	her United States, foreign and interna	tional patent applications associated
_	• •	refrom including, but not limited to, a	
·		ns-in-part, reexaminations, reissues, a	
•		e right, title, and interest in and to any	
applications.			
-		officials in the United States and in a	
•		Koninklijke Philips Electronics N.V.	, for its sole use, and that of its
successors, assigns, and	legal representatives.		
I/We will provide my/o	ur cooperation to enable t	he Assignee to enjoy the foregoing rig	the title and interest to the fullest
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. .	~	nd maintaining patents on the foregoi	
thereto in the Assignee.			
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I/We certify that I/we h	ave the full right to conve	y the above rights.	
			A saissa au
Date	(sign name here)	Meng HAN	, Assignor
Date	(print name here)	Meng HAN	
		, () <u>U</u> /	
6/11/2010	(sign name here)	1. May	, Assignor
Date	(print name here)	Albrecht KRAUS	
	· · · · · · · · · · · · · · · · · · ·		
	(sign name here)		, Assignor
Date	(print name here)	Holger MOENCH	

and assign, and transfer th N.V., having a place of bu	siness at Groenewoudse	ght, title, and interest in the following to sweg 1, 5621 BA Eindhoven, the Nether lectively "the Assignee") my/our inver	erlands, its successors, assigns, and
is executed concurrent	•		
was executed by me/us			
		ving a Serial Noional Application No. PCT/IB2009/05	
therewith, based thereon, provisionals divisions, con	or claiming priority therentinuations, continuations	ner United States, foreign and internation efrom including, but not limited to, and as-in-part, reexaminations, reissues, and exight, title, and interest in and to any a	y and all provisionals, non- d extensions thereof, and the right to
I/We authorize and request any and all Letters Patent successors, assigns, and let	when granted, solely to	officials in the United States and in any Koninklijke Philips Electronics N.V.,	y and all foreign countries to issue for its sole use, and that of its
extent. Upon request at the legal proceedings including	ne expense of the Assign	ne Assignee to enjoy the foregoing rightnee, I/we agree to execute all papers, ta tions and infringement actions, and do and maintaining patents on the foregoin	ke all rightful oaths, testify in all all all other such acts which may be
I/We certify that I/we hav	ve the full right to conve	y the above rights.	
	(sign name here)		, Assignor
Date	(print name here)	Meng HAN	
	(sign name here)	All TO ALIC	, Assignor
Date	(print name here)	Albrecht KRAUS	
21-07-2010	(sign name here)	Holge Mone	, Assignor
Date	(print name here)	Holger MOENCH	

RECORDED: 01/31/2011