#### PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

ACCIONMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Renatus Willem Albert Clemens VAN DER VEEKEN	06/23/2010
Henricus Marius Joseph Maria KAHLMAN	06/29/2010

# RECEIVING PARTY DATA

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Postal Code:	5621 BA	

# PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13381121	

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: 2009P00581WOUS

NAME OF SUBMITTER: MARK BELOBORODOV

Total Attachments: 2

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CH \$40.00

PATENT REEL: 027451 FRAME: 0025

		we acknowledge receipt, I/we as a below-nar	
		right, title, and interest in the following to Ko	
		neweg 1, 5621 BA Eindhoven, the Netherland	
legal representatives, ir	cluding any nominees (co	ollectively "the Assignee") my/our invention	for which an application:
is executed concurr	ently herewith		
	/us on		
		iving a Serial No	
🛚 was filed on. 22-Jur	1-2010, having an Internat	ional Application No. PCT/IB2010/052818,	
and all rights in and to	said application, and all of	ther United States, foreign and international	patent applications associated
therewith, based thereo	n, or claiming priority the	refrom including, but not limited to, any and	all provisionals, non-
provisionals divisions,	continuations, continuatio	ns-in-part, reexaminations, reissues, and exte	ensions thereof, and the right to
claim priority thereto, a	nd the entire and exclusiv	e right, title, and interest in and to any and a	Il patents granted on these
applications.			
I/We authorize and req	uest that the Patent Office	officials in the United States and in any and	all foreign countries to issue
· · · · · · · · · · · · · · · · · · ·		Koninklijke Philips Electronics N.V., for its	7
successors, assigns, and	l legal representatives.		
YAYA walli maa dala mark		La Arabana da mataraka kamanisma atak da da	
• •	• • • • • • • • • • • • • • • • • • •	he Assignee to enjoy the foregoing right, titl nee, I/we agree to execute all papers, take all	
	7	tions and infringement actions, and do all of	- The state of the
		and maintaining patents on the foregoing inve	
thereto in the Assignce	<del>-</del> '		en e
I/We certify that I/we h	ave the full right to conve	y the above rights.	
		A	
23-6-2010	(sign name here)	Muc i Wool	, Assignor
Date	(print name here)	Renatus Willem Clemens VAN	
		DER VEEKEN	
	(sign name here)		, Assignor
Date	(print name here)	Henricus Marius Joseph Maria	· · · · · · · · · · · · · · · · · · ·

KAHLMAN

PATENT REEL: 027451 FRAME: 0026

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. 22-Jun-2010, having an International Application No. PCT/IB2010/052818, 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. Assignor (sign name here) Date Renatus Willem Clemens (print name here) DER VEEKEN . Assignor (sign name here) Henricus Marius Joseph Maria (print name here)

KAHEMAN

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**RECORDED: 12/28/2011**