PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michael GRASS	02/02/2006
Volker RASCHE	02/23/2006

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:	11570778

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: FR040096

NAME OF SUBMITTER: Michael E. Marion

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Total Attachments: 2

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PATENT

REEL: 018647 FRAME: 0260

\$40.00

CH \$40

and assign, and tran N.V., having a place	sfer the entire and exclusive reformers of business at Groenewouds	ight, title, and interest in the follow eweg 1, 5621 BA Eindhoven, the l	below-named Assignor(s), hereby sell, wing to Koninklijke Philips Electronics Netherlands, its successors, assigns, and invention for which an application:
is executed conc	urrently herewith me/us on		
was executed by	me/us on	ving a Serial No	
was filed on. 24.	June 2005 , ha	ving an International Application	No. PCT/IB2005/052095
therewith, based the provisionals division	reon, or claiming priority the	refrom including, but not limited tons-in-part, reexaminations, reissue	ernational patent applications associated to, any and all provisionals, nons, and extensions thereof, and the right to any and all patents granted on these
any and all Letters I	request that the Patent Office Patent when granted, solely to and legal representatives.	officials in the United States and i Koninklijke Philips Electronics N	n any and all foreign countries to issues I.V., for its sole use, and that of its
extent. Upon reque legal proceedings in	st at the expense of the Assign cluding patent prosecutional , or convenient for securing a	nee, I/we agree to execute all pape actions and infringement actions, a	g right, title, and interest to the fullest rs, take all rightful oaths, testify in all and do all other such acts which may be going invention or for perfecting title
I/We certify that I/v	e have the full right to conve	by the above rights.	
2 February 2006	(sign name here)	U. G. F	, Assignor
Date	(print name here)	Michael GRASS	
	(sign name here)		, Assignor

Volker RASCHE

(sign name here)
(print name here)

Date

ASSIGNMENT

U.S.A. Sole/Joint

For good and valuable of	consideration, of which I/w	e acknowledge receipt, I/we as a bele	ow-named Assignor(s), hereby sell,
and assign, and transfer	the entire and exclusive rig	tht, title, and interest in the following	g to Koninklijke Philips Electronics
N.V., having a place of	business at Groenewoudse	weg 1, 5621 BA Eindhoven, the Net	herlands, its successors, assigns, and
legal representatives, in	cluding any nominees (coll	ectively "the Assignee") my/our inv	ention for which an application:
is executed concurre	ently herewith		
—·	/us on		
was filed on	, hav	ing a Serial No	
was filed on. 24 Jun	ne 2005 , hav	ing an International Application No.	PCT/IB2005/052095
and all rights in and to	said application, and all oth	er United States, foreign and interna	tional patent applications associated
therewith based thereon	n or claiming priority there	efrom including, but not limited to, a	ny and all provisionals, non-
provisionale divisions	continuations continuation	s-in-part, reexaminations, reissues, a	and extensions thereof, and the right to
oloim priority thereto a	and the entire and exclusive	right, title, and interest in and to any	y and all patents granted on these
applications.	ind the entire and enteres.		· · · · · · · · · · · · · · · · · · ·
причиномо.			
I/We authorize and requ	uest that the Patent Office	officials in the United States and in a	ny and all foreign countries to issues
any and all Letters Pate	ent when granted, solely to	Koninklijke Philips Electronics N.V	., for its sole use, and that of its
successors, assigns, and			
Succession, assigner, and			
I/We will provide my/o	our cooperation to enable th	e Assignee to enjoy the foregoing ri	ght, title, and interest to the fullest
extent Unon request a	t the expense of the Assign	ee, I/we agree to execute all papers,	take all rightful oaths, testify in all
legal proceedings inclu	ding natent prosecutional a	ections and infringement actions, and	I do all other such acts which may be
necessary desirable of	convenient for securing a	nd maintaining patents on the forego	ing invention or for perfecting title
thereto in the Assignee		31	-
mereto in me Assignee	•		
I/We certify that I/we h	nave the full right to convey	the above rights.	
	(sign name here)		, Assignor
Date	(print name here)	Michael GRASS	
		. [/	
		Mall Alm. 1	, .
23 February 2006	(sign name here)	Dall Jewey	, Assignor
Date	(print name here)	Volker RASCHE	

PATENT REEL: 018647 FRAME: 0262

RECORDED: 12/18/2006