PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Nicolaas Bernardus ROOZEN	10/17/2005
Martijn Roger LA GRANGE	10/17/2005
David BILOEN	10/17/2005

RECEIVING PARTY DATA

Name:	Koninklijke Philips Electronics N.V.	
Street Address:	Groenenwoudseweg 1	
City:	Eindhoven	
State/Country:	NETHERLANDS	
Postal Code:	5621 BA	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10598670

CORRESPONDENCE DATA

Fax Number: (440)483-2452

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

440-483-4281 Phone:

Email: tom.lundin@philips.com Correspondent Name: Thomas M. Lundin Address Line 1: 595 Miner Road

Address Line 4: Cleveland, OHIO 44143

ATTORNEY DOCKET NUMBER:	PHNL040267US
NAME OF SUBMITTER:	Thomas M. Lundin

Total Attachments: 1

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PATENT

500149728

REEL: 018232 FRAME: 0309

RECORDED: 09/12/2006

ū	•	I/we acknowledge receipt, I/we as a below-name	
hereby sell, and assign, a	nd transfer the entire a	and exclusive right, title, and interest in the following	owing to Koninklijke
•		iness at Groenewoudseweg 1, 5621 BA Eindho	
its successors, assigns, ar	id legal representatives	s, including any nominees (collectively "the As	ssignee") my/our
invention for which an ap	oplication:		
is executed concurrer	itly herewith		
was executed by me/	ıs on		
was filed on	.,	having a Serial No	********
was filed on08.Mar.	a h. 2005 , 1	having an International Application NoRCT/IB	32005/050844,
and all rights in and to sa	iid application, and all	other United States, foreign and international p	patent applications
associated therewith, bas	ed thereon, or claiming	g priority therefrom including, but not limited t	to, any and all
provisionals, non-provis	onals divisions, contin	nuations, continuations-in-part, reexaminations,	, reissues, and
extensions thereof, and t	he right to claim priori	ity thereto, and the entire and exclusive right, ti	tle, and interest in and
to any and all patents gra	inted on these applicat	ions.	
I/We authorize and requ	est that the Patent Offic	ce officials in the United States and in any and	all foreign countries
to issues any and all Lett	ers Patent when grante	ed, solely to Koninklijke Philips Electronics N.	V., for its sole use,
and that of its successors	, assigns, and legal rep	presentatives.	
I/We will provide my/ou	r cooperation to enable	e the Assignee to enjoy the foregoing right, title	e, and interest to the
, ,	•	the Assignee, I/we agree to execute all papers, 1	
•		t prosecutional actions and infringement actions	_
		or convenient for securing and maintaining pate	
invention or for perfecti	ng title thereto in the A	Assignee.	
I/We certify that I/we ha	ara tha full night to ann	succession of the same winds to	
1/ we certify that 1/we ha	ve the full right to con	ivey the above rights.	
	(sign name here)		Accionan
17 October 2005		NEAD TO BOOKEN	, Assignor
Date	(print name here)	Nicolaas Bernardus ROOZEN	
		7 5₽s	
		1 1/3/13/6	
17 October 2005	(sign name here)		, Assignor
Date	(print name here)	Martijn/Roger LA GRANGE	
		\ 2\lambda \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
	(sign name here)		, Assignor
17 October 2005 Date	(print name here)	David BILDEN	, / 1331g1101
Date	(brutt name nere)	Dayla MIDDEN	

PATENT REEL: 018232 FRAME: 0310