PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Christian BAEUMER	01/15/2010
Oliver MUELHENS	01/08/2010
Roger STEADMAN BOOKER	01/08/2010
Christoph HERRMANN	01/11/2010

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:	12698330	

CORRESPONDENCE DATA

Fax Number: (440)483-2452

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

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Correspondent Name: Douglas B. McKnight
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Address Line 2: Intellectual Property & Standards

Address Line 4: Cleveland, OHIO 44143

ATTORNEY DOCKET NUMBER:	012307US1
NAME OF SUBMITTER:	Douglas B. McKnight

Total Attachments: 2

PATENT REEL: 023884 FRAME: 0571 0.00

CH \$40,00

PATENT

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PATENT REEL: 023884 FRAME: 0572

U.S.A. Sole/Joint ASSIGNMENT Docket No. PH012307US

For good and valuable consideration, of which I acknowledge receipt, I, as a below-named assignor, sell and assign to Koninklijke Philips Electronics N.V. (hereinafter "Assignee") a corporation existing under the laws of the Kingdom of the Netherlands, whose business address is Groenewoudseweg 1, 5621 BA Eindhoven, the Netherlands, its successors and assigns, the application for a United States Patent for the improvements in a «titel» invented by us, which application:

is executed concurrently herewith

was exec	uted by me/us on		
is Serial l	No file	ed	••••
is Interna	tional Application No	filed	
		a.	
and all rights	in and to said application	, and all Patents which may be grante	ed therefor, and all divisions,
reissues, con	tinuations and extensions	thereof, and authorize and request th	e Commissioner of Patents and
Trademarks	to issue all Patents on said	improvements or resulting therefron	n to said Assignee as assignee of the
entire interes	t and covenant that I have	full right so to do, and agree that I w	rill communicate to said Assignee or
its representa	ntives any facts known to r	ne respecting said improvements and	l testify in any legal proceeding, sign
all lawful par	pers, execute all divisional	l, continuing and reissue applications	, make all rightful oaths and
generally do	everything possible to aid	said Assignee, its successors, assign	s and nominees, to obtain and
enforce prop	er protection for said inver	ntion.	
-70m 15,	(print name here)	- (L VS e - 3)	,Assignor
Date	(print name here)	Christian BAEUMER	
	(sign name here)		,Assignor
Date	(print name here)	Oliver MUELHENS	
	(sign name here)		,Assignor
Date	(print name here)	Roger STEADMAN BOOKER	
***************************************	(sign name here)		,Assignor
Date	(print name here	Christoph HERRMANN	

PATENT REEL: 023884 FRAME: 0573 For good and valuable consideration, of which I acknowledge receipt, I, as a below-named assignor, sell and assign to Koninklijke Philips Electronics N.V. (hereinafter "Assignee") a corporation existing under the laws of

the Kingdom of	the Netherlands, who	se business address is Groenewouds	seweg 1, 5621 BA Eindhoven, the
		s, the application for a United State	s Patent for the improvements in a
«thei» invented t	y us, which applicati	OII.	
<u></u>	oncurrently herewith		
		edfiled	
	ar Application No		,
and all rights in a	and to said application	n, and all Patents which may be gran	nted therefor, and all divisions,
		thereof, and authorize and request	
		•	om to said Assignee as assignee of the
		-	will communicate to said Assignee or nd testify in any legal proceeding, sign
-	- -	al, continuing and reissue application	
generally do ever	ything possible to aid	d said Assignee, its successors, assig	gns and nominees, to obtain and
enforce proper pr	rotection for said invo	ention.	
	(sign name here)		,Assignor
Date	(print name here)	Christian BAEUMER	
Jan. S. 2010	(sign name here)	Min	,Assignor
Date	(print name here)	Oliver MUELHENS	
e 28			A 100 miles
Lowy (" 2010 Data		Pagar STEADMAN POOVED	,Assignor
Date	(print name here)	Røger STEADMAN BOOKER	
ers. Ever			
Jan 1192, 20	(sign name here)	<u>L. Le Muain</u>	,Assignor
Date	(print name here	Christoph HERRMANN	

PATENT RECORDED: 02/02/2010 REEL: 023884 FRAME: 0574