	A/D 581-40	.1014 Rec'd PCT/PTO 0 2 AUG 2005	
,	Form PTO-1595 (Rev. 03/01) DOCKET # NL 030132	U.S. Patent and Trademark Office	
-	OMB No. 0651-0027 (exp. 5/31/2002)		
ŀ	Tab settings		
ŀ	To the Honorable Commissioner of Pate 1. Name of conveying party(ies): 103	175513 original documents or copy thereof.	
. 1	1. Name of conveying partyles).	2. Name and address of receiving party(ies)	
5	Rogier Louis Jacques Willem THISSEN; Rudy MUSSCHEBROECK; Sebastien PETRUCCI; Johan PEETERS	Name: KONINKLIJKE PHILIPS ELECTRONICS, N.V.	
\rightarrow		Street Address: GROENEWOUDSEWEG 1	
<i>'</i>	Additional name of conveying party(ies) attached? ☐ Yes ☒ No	City: EINDHOVEN	
	Nature of conveyance:	Country: THE NETHERLANDS Zip: 5621 BA	
	_ ,		
	☐ Security Agreement☐ Change of Name☐ Other	Additional Name(s) & address(es) attached? ☐ Yes ☑ No	
	Execution Date: 9/2/04; 9/204; 9/10/04; 9/17/04.		
	Execution Date. <u>3/2/04, 3/204, 3/10/04, 3/11/04.</u>		
	If this document is being filed together with a new application 9/10/04; 9/17/04. A. Patent Application No.(s) NOT ASSIGNED YET	n, the execution data of the application is: <u>9/2/04; 9/204;</u> B. Patent No.(s)	
	Additional numbers atta	ached? 🗌 Yes 🗵 No	
	Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1	
	Name: PHILIPS ELECTRONICS NORTH AMERICA	7. Total fee (37 CFR 3.41) \$ 40.00	
	CORPORATION		
AB /AB /	005 LLANDERH 000000006 141270 10544198	☐ Enclosed	
04 FC:		Authorized to be charged to deposit account	
	Street Address: P.O. BOX 3001	8. Deposit account number:	
		14-1270	
	City: BRIARCLIFF MANOR State: NY Zip: 10510-8001	(Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE			
	9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. GREGORY L. THORNE, REG. 39,398		
	Name of Person Signing Signature	Date	

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PATENT

REEL: 017543 FRAME: 0938

U.S.A. Sole/Joint ASSIGNMENT Docket No. PHNL030132

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 METHOD OF CODING AND TRANSMITTING EPG DATA, CODER AND RECEIVER invented by us, which application: is executed concurrently herewith was executed by me/us on is Serial No. filed is International Application No. RCT/IB2004/050040filed...20, January...2004 and all rights in and to said application, and all Patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all Patents on said improvements or resulting therefrom to said Assignee as assignee of the entire interest and covenant that I have full right so to do, and agree that I will communicate to said Assignee or its representatives any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns and nominees, to obtain and enforce proper protection for said invention. (sign name here) Assignor 02 September 2004 Date (print name here) Rogier Louis Jacques Willem THISSEN (sign name here) Assignor 02 September 2004 (print name here) Date (sign name here) , Assignor Date (print name here) Sebastien PETRUCCI

Johan PEETERS

(sign name here)

(print name here)

Date

Assignor

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 METHOD OF CODING AND TRANSMITTING EPG DATA, CODER AND RECEIVER invented by us, which application: is executed concurrently herewith was executed by me/us on is Serial No. filed is International Application No. PCT/IB2004/050040 filed. 20 January 2004, and all rights in and to said application, and all Patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all Patents on said improvements or resulting therefrom to said Assignee as assignee of the entire interest and covenant that I have full right so to do, and agree that I will communicate to said Assignee or its representatives any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns and nominees, to obtain and enforce proper protection for said invention. (sign name here) , Assignor (print name here) Rogier Louis Jacques Willem Date **THISSEN** Assignor (sign name here) Rudy MUSSCHEBROECK Date (print name here) (sign name here) Assignor 10 September 2004 (print name here) Date Assignor (sign name here) Date Johan PEETERS (print name here)

> PATENT REEL: 017543 FRAME: 0940

U.S.A. Sole/Joint

ASSIGNMENT

For good and valuable consideration, of which I acknowledge receipt, I, as a below-named assignor, sell and assign to

of the Netherlands, w successors and assign	whose business address is Grans, the application for a Unit	"Assignee") a corporation existing under ocnewoudseweg 1, 5621 BA Eindhoven, the description of the EPG DATA, CODER AND RECEI	he Netherlands, its
is Serial No	me/us on filed	050040 filed. 20 January 2004,	
continuations and exall Patents on said imcovenant that I have facts known to me reall divisional, continu	tensions thereof, and authoring the provements or resulting the full right so to do, and agree specting said improvements uing and reissue applications	atents which may be granted therefor, and ize and request the Commissioner of Patenterfrom to said Assignee as assignee of the that I will communicate to said Assignee and testify in any legal proceeding, sign as, make all rightful oaths and generally do sees, to obtain and enforce proper protection	ts and Trademarks to issu entire interest and or its representatives any Il lawful papers, execute everything possible to aid
	(sign name here)		, Assignor
Date	(print name here)	Rogier Louis Jacques Willem THISSEN	
Date	(sign name here) (print name here)	Rudy MUSSCHEBROECK	, Assignor
Date	(sign name here) (print name here)	Sebastien PETRUCCI	, Assignor
17 September 2004 Date	(sign name here)	Johan PEETERS	, Assignor

PATENT RECORDED: 08/02/2005 REEL: 017543 FRAME: 0941