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Atty. Docket: NL040729US1

11/630300

To the Honorable Commissioner of Patents and Trademarks:

Š	rease record the attached original documents of copy thereor.	
17.19.06	1. Name of conveying party(ies): THIJS DE HAAN HAAYO NICOLAI DAVID J. T. HUNTINK JEAN B. BLEEKER	2. Name and address of receiving party(ies) KONINKLIJKE PHILIPS ELECTRONICS N.V. Groenewoudseweg 1 Eindhoven, The Netherlands 5621 BA
	3. Nature of conveyance: Assignment	4. Application number(s) or patent number(s): If being filed together with a new application, the execution date of application is: 19-DEC-16 A. Patent Application No.: B. Patent No.:
	Additional numbers attached? ☐ Yes ☒ No	
	Name & address to whom correspondence concerning document should be mailed:	Total number of applications and patents involved:
	Philips Intellectual Property & Standards 370 West Trimble Road MS 91/MG San Jose, California 95131	7. Total fee (37 DFR 3.41) \$40.00 ☐ Enclosed
	Customer Number: 24738	☑ Authorized to be charged to deposit account
04 FC:8021	PATENT TRADEMARK OFFICE MKAYPAGH 00000051 141270 11630300	8. Deposit account number: 14-1270
	(40.00 DA)	(Duplicate copy of this page is attached)
	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 rue copy of the original document. Date 19-DEC-2006 Adam L. Stroud, Reg. No. 48,410 Total number of pages including cover sheet, attachments, and documents:	

PATENT

REEL: 018739 FRAME: 0111

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.
X was filed on17June2005,	having an International Application No.PCT/IB2005/052001

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, non-provisionals 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 issues 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 prosecutional 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

(sign name here) , Assignor 23 January 2006 Date (print name here) Thijs DE HAAN (sign name here) , Assignor 23 January 2006 Date (print name here) Haayo NICOLAI (sign name here) , Assignor 23 January 2006 Date (print name here) David Johannus Theodorus HUNTINK (sign name here) , Assignor 23 January 2006 Date (print name here) Jean Bart BLEEKER

> PATENT REEL: 018739 FRAME: 0112

RECORDED: 12/19/2006