

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Philips Electronics North America Corporation	06/04/2002
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
Patent Number:	6640310
CORRESPONDENCE DATA	
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Address Line 2:	411 Plumeria Drive M/S-41
Address Line 4:	San Jose, CALIFORNIA 95134
ATTORNEY DOCKET NUMBER:	A 023680USA
NAME OF SUBMITTER:	PETER ZAWILSKI
Total Attachments: 1 source=6640310_PENAC-KPENV_Assignment_2002-JUN-04#page1.tif	

CH \$40.00 6640310

ASSIGNMENT

Docket No. PHA 23,680

Philips Electronics North America Corporation a Delaware Corporation having an office at 1251 Avenue of the Americas New York, NY 10020, in consideration of one dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, hereby sells, assigns, and transfers the entire right, title, and interest in the following patent application 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"):

Application No. 09/316,983 Filing Date 05/24/1999

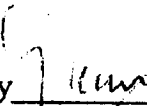
including all divisions, continuations, reissues, and extensions, and all patents granted on these applications.

The Assignor will provide its cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request of and at the expense of the Assignee, Assignor agrees to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecutorial 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. Assignor authorizes and requests that these patents be issued to the Assignee.

Assignor certifies that it has the full right to convey the above rights.

Dated: June 4, 2002

PHILIPS ELECTRONICS NORTH AMERICA
CORPORATION

By 

Matthieu van Kaam
General Manager, IP&S-US

RECORDED: 06/24/2002
RECORDED: 10/28/2011

PATENT
REEL: 013046 FRAME: 0547
REEL: 027142 FRAME: 0441