



To the Commissioner for Patents: Please record the Etkindes Original socuments or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): 3. Nature of conveying party(ies) attached? 3. Nature of conveyance: 3. No 3. Nature of conveyance: 3. No 3. Assignment 4. Assignment 5. City, Enndhoven Country: The Netherlands 2:p: 3521 BA Additional name(s) a address (es) attached? 5. Recorded on Reals 012165/Framew805000 6. Application number(s) or patent number(s): 1. If this document is being filed together with a new application, the execution date of the application is 3. Patent Application No.(s) 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Philips Riectronics North America Corp. Internal Address: 5. Name and address: 5. Name should despite the America Corp. Internal Address: 5. Name and address of party to whom correspondence concerning document should be mailed: 1. Total fee (37 CFR 3.41)\$40.00 1. Reclosed X Authorized to Deposit. 5. Street Address: 5. Name and address of party to whom correspondence concerning document should be mailed: 1. Total fee (37 CFR 3.41)\$40.00 1. Reclosed X Authorized to Deposit. 5. Street Address: 5. Deposit Account Number: 6. Total number of applications and patents involved: 1. Total fee (37 CFR 3.41)\$40.00 1. Reclosed X Authorized to Deposit. 5. Street Address: 5. Deposit Account Number: 6. Total number: 6. Total number: 6. Total number: 7. Total fee (37 CFR 3.41)\$40.00 1. Reclosed X Authorized to Deposit. 8. Deposit Account Number: 8. Deposit Account Number: 1. Application of Parson Signing Signature To the best of my knowledge and helief, the foregoing information is true and correct and any a country is a true copy of the original documents to be recorded with required cover sheet information to: 1. Commisson Assignments National Address of Parson Signing Signature National Address of Parson Signing Signature National Address of Parso	(Rev. 6-93)		Patent and Trademar	k Offic
U.S. Philips Corporation 9-13-02 Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance:	To the Commissioner for Patents:	Please record the at	tached original documents or copy thereo	of.
Street Address: Groenewoudseweg 1 Street Address: Groenewoudseweg 1 City: Eindhoven Country: The Netherlands 2:p: 5621 DN Additional name(s) & address(es) attached 2:p: 5621 DN Additional name(s) & address of attached 2:p: 5621 DN Additional name(s) & address of attached 2:p: 5621 DN Additional name(s) & address of attached 2:p: 5621 DN Additional name(s) & address of attached 2:p: 5621 DN Additional name(s) & address of attached 2:p: 5621 DN Additional name(s) & address of attached 2:p: 5621 DN Additional name(s) & address of attached 2:p: 5621 DN Additional name(s) & add	U.S. Philips Corporation		Name: Koninklijke Philips Electroni	
Number from "99778362" to -05076216 Previously recorded on Real Dis88/Frame80500. Execution Date: April 16, 2002 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application, is A. Patent Application No.(s) B. Patent No.(s) 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Philips Electronics North America Corp. Internal Address: Street Address: 580 White Plains Road City: Tarrytown State: NY Zip: 10591 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 a copy is a true copy of the original document. Picram Halajian, Reg. 839,703 Name of Person Signing Total number of pages including cover sheet, attachments, and document: 2 Commissioner for Patents Box Assignments Washington, D.C. 20231	Yes X No 3. Nature of conveyance: X Assignment	Merger	City: <u>Eindhoven</u> Country: <u>The Nether</u> Zip: <u>5621 BA</u> Additional name(s) & address(es) at	
A. Patent Application No.(s) 09/070,216 Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Philips Electronics North America Corp. Internal Address: Street Address: 580 White Plains Road 8. Deposit Account Number: 14-1270 (Attach duplicate copy of this page paying 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 accopy is a true copy of the original document. Dicran Halajian, Reg.#39,703 Name of Person Signing Total number of pages including cover sheet, attachments, and document: 2 Mail documents to be recorded with required cover sheet information to: Commissioner for Patents Box Assignments Washington, D.C. 20231	Number from "09778262" to -090702 recorded on Reel# 012868/Frame#05	16 Previously		
O9/070,216 Additional numbers attached? Name and address of party to whom correspondence concerning document should be mailed: Name: Philips Electronics North America Corp. Internal Address: Street Address: 580 White Plains Road 8. Deposit Account Number: 14-1270 (Attach duplicate copy of this page paying 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 accopy is a true copy of the original document. Dicran Halajian, Reg. #39,703 Name of Person Signing Total number of pages including cover sheet, attachments, and document: 2 Mail documents to be recorded with required cover sheet information to: Commissioner for Patents Box Assignments Washington, D.C. 20231	If this document is being file application, is			
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PATENT REEL: 013183 FRAME: 0655

HB 34,154 Form PTO 1595 (Rev. 6-93)			U.S. Dept. of Commerce Patent and Trademark Office	
To the Commissioner for Patents	102085	381 - tached original do	cuments or copy thereof.	
1. Name of conveying party(ies): U.S. Philips Corporation Additional name(s) of conveying party Yes X 3. Nature of conveyance: X Assignment Security Agreement Other Execution Date: April 16, 2002	5-1-02	Name: Koninkl: Internal Address Street Address City: Eindhove Zip: 5621 BA	ess of receiving party(ies): ijke Philips Electronics N.V. ess: S: Groenewoudseweg 1 En Country: The Netherlands ne(s) & address(es) attached? X No	
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5. Name and address of party to concerning document should be	mailed:	Total number of involved:	applications and patents	
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PATENT REEL: 013183 FRAME: 0656

ASSIGNMENT

Docket No. **PHB 34,154**

U.S. Philips 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, NL, its successors, assigns, and legal representatives, including any nominees (collectively the "Assignee"):

Application No. 09/070,216

Filing Date April 30, 1998

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 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. 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: April 22, 2002

U.S. PHILIPS CORPORATION

Michael E. Marion

Authorized Signatory, IP&S-US

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RECORDED: 08/13/2002