| | 8/2 541- 40 | | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--|--|--|--|
| | Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008) 04 - 2 | U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office | | | | |
| | Docket # NL 031208 | 10/575571 | | | | |
| 1 | To the Director of the U.S. Patent and Trademark Office. | 24246 ocuments or the new address(es) below. | | | | |
| I | 1. Name of conveying party(ies) | 2. Name and address of receiving party(ies) | | | | |
| ١, | Wolfgang BROX | Name: KONINKLIJKE PHILIPS ELECTRONICS, N.V. | | | | |
| 90.11.70 | ı | Internal Address: | | | | |
| 2 | No. 70 No | | | | | |
| <i>'</i> | Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s): | Street Address: GROENEWOUDSEWEG 1 | | | | |
| 4 | Execution Date(s) 5/12/05. | Street Address. GROENEWOODDENIES. | | | | |
| 6 | ✓ Assignment Merger | · · · · · · · · · · · · · · · · · · · | | | | |
| } | Security Agreement Change of Name | City: EINDHOVEN | | | | |
| 1 | Joint Research Agreement | 0 | | | | |
| 1 | Government Interest Assignment | State: | | | | |
| 1 | Executive Order 9424, Confirmatory License | Country: THE NETHERLANDS Zip: 5621 BA | | | | |
| 1 | Other | Von VINO | | | | |
| f | | Additional name(s) & address(es) attached? Yes V No | | | | |
| 1 | A. Patent Application No.(s) | document is being filed together with a new application. B. Patent No.(s) | | | | |
| | | Not assigned yet. | | | | |
| ī | 2006 LLANDGRA 00000037 141270 10575571 | 10/57557/ | | | | |
| 04 FC | | | | | | |
| Ì | | Additional numbers attached? ☐ Yes ✓ No | | | | |
| | 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: 1 | | | | |
| j | Name: PHILIPS ELECTRONICS NORTH AMERICA CORP. | 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 | | | | |
| } | Internal Address: P.O. BOX 3001 | Authorized to be charged by credit card | | | | |
| | I | Authorized to be charged to deposit account | | | | |
| | Street Address: 345 SCARBOROUGH ROAD | Enclosed | | | | |
| | | None required (government interest not affecting title) | | | | |
|] | City: BRIARCLIFF MANOR | 8. Payment Information | | | | |
| 1 | State: NY Zip: 10510-8001 | a. Credit Card Last 4 Numbers | | | | |
| Ī | Phone Number: (914) 945-6000 | Expiration Date | | | | |
| ł | Fax Number: (914) 332-0615 | b. Deposit Account Number 14-1270 | | | | |
| 1 | Email Address: | Authorized User Name | | | | |
| 1 | | | | | | |
| ł | 9. Signature: | 2-10-06 | | | | |
| 1 | Signature | Date | | | | |
| | David Barnes, Reg. 47,407 Name of Person Signing | Total number of pages including cover sheet, attachments, and documents: 2 | | | | |

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Name of Person Signing

PATENT REEL: 017784 FRAME: 0780 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 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

| invented by me, wh | ich application: | | | |
|------------------------|----------------------------------------------------------------------------|----------------------|-------------------------|--------------------------|
| is executed cond | currently herewith | | | |
| was executed by | me/us on | | | |
| is Serial No | filed | | | |
| X is International | Application No. RCT/IB2004/0520 | 25 filed 08 Oct | ober 2004, | |
| _ | to said application, and all Patent extensions thereof, and authorize a | - | - | |
| | mprovements or resulting therefro | • | | |
| | full right so to do, and agree that | _ | | |
| | especting said improvements and | | • | - |
| all divisional, contin | nuing and reissue applications, mancessors, assigns and nominees, t | ake all rightful oat | ths and generally do ev | erything possible to aid |
| | | | | |
| 12 May 2005 | (sign name here) | W. | Away | , Assignor |

(print name here)

Date

IAP15 Rec'd PCT/PTO 11 APR 2006

OMB No. 0651-0027 (exp. 6/30/2008) United States Patent and Trademark Office RECORDATION FORM COVER SHEET Docket # NL 031208 PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 1. Name of conveying party(ies) 2. Name and address of receiving party(ies) Name: KONINKLIJKE PHILIPS ELECTRONICS, N.V. Wolfgang BROX Internal Address: Additional name(s) of conveying party(ies) attached? 💹 Yes 🗹 No 3. Nature of conveyance/Execution Date(s): Street Address: GROENEWOUDSEWEG 1 Execution Date(s) 5/12/05. ✓ Assignment Merger City: EINDHOVEN Change of Name State: _____ Government Interest Assignment Country: THE NETHERLANDS Zip: 5621 BA Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? ☐ Yes ✓ No 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) Not assigned yet. Additional numbers attached? Yes ✓ No 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 1 Name: PHILIPS ELECTRONICS NORTH AMERICA CORP. 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00 Internal Address: P.O. BOX 3001 Authorized to be charged to deposit account Enclosed Street Address: 345 SCARBOROUGH ROAD None required (government interest not affecting title) 8. Payment Information City: BRIARCLIFF MANOR a. Credit Card Last 4 Numbers _____ State: NY Zip: 10510-8001 Expiration Date Phone Number: (914) 945-6000 b. Deposit Account Number 14-1270 Fax Number: (914) 332-0615 Authorized User Name ___ Email Address: 9. Signature: 4-10-06 David Barnes, Reg. 47,407 Total number of pages including cover

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 017784 FRAME: 0782

sheet, attachments, and documents:

RECORDED: 04/11/2006

Name of Person Signing

Form PTO-1595 (Rev. 07/05)