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PATENT ASSIGNMENT

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| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------|----------------|
| STEIN KUIPER | 06/09/2006 |
| BERNARDUS H.W. HENDRIKS | 06/09/2006 |
| ROBERT W.J. ZIJLSTRA | 06/09/2006 |

RECEIVING PARTY DATA

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| City: | Eindhoven | |
| State/Country: | NETHERLANDS | |
| Postal Code: | 5621 BA | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11719217 |

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NAME OF SUBMITTER: JEANNE RUSCIANO

Total Attachments: 1

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PATENT

REEL: 019288 FRAME: 0524

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| J. | | eknowledge receipt, i/we, as a below-named Assign | , |
|---|---------------------------------|---|---------------------------|
| assign, and transfer the en | tire and exclusive right, title | e, and interest in the following to Koninklijke Philip | s Electronics N.V., |
| having a place of business | at Groenewoudseweg 1, 50 | 521 BA Eindhoven, NL, its successors, assigns, and | legal representatives, |
| including any nominees (| collectively "the Assignee") | my/our invention for which an application: | |
| | | | |
| is executed concurrent | ly herewith | | |
| was executed by me/u | s on | | |
| was filed on | , ha | iving a Serial No | |
| was filed on07 No | ovember 2005, having an In | ternational Application No. , IB2005/053639 | |
| and all rights in and to sai | d application, and all other | United States, foreign and international patent applic | ations associated |
| therewith, based thereon, | or claiming priority therefro | om including, but not limited to, any and all provision | nals, non-provisionals |
| | | ninations, reissues, and extensions thereof, and the ri | |
| | - | sterest in and to any and all patents granted on these | |
| , | | | |
| _ | n granted, solely to Konink | cials in the United States and in any and all foreign c lijke Philips Electronics N.V., for its sole use, and th | • |
| l/We will provide my/our | cooperation to enable the A | assignee to enjoy the foregoing right, title, and intere | st to the fullest extent. |
| Upon request at the expen | se of the Assignee, I/we agr | ee to execute all papers, take all rightful oaths, testif | y in all legal |
| | | d infringement actions, and do all other such acts wh | |
| | • | patents on the foregoing invention or for perfecting | • |
| Assignee. | | , | |
| | | | |
| I/We certify that I/we hav | e the full right to convey the | e above rights. | |
| | | | |
| | | ×2 | |
| | | - 1/2 a - 3/2 ma - | |
| 09 June 2006 | (sign name here) | 1600 | , Assignor |
| Date Date | (print name here) | Stein KUIPER | |
| | <i>u</i> | 92 | |
| | /-t 1 \ | | A maine an |
| 09 June 2006 | (sign name here) | D I I II W MENDINO | , Assignor |
| Date | (print name here) | Bernardus H.W. HENDRIKS | |

Robert W.J. ZIJLSTRA

(sign name here)

(print name here)

RECORDED: 05/14/2007

PATENT REEL: 019288 FRAME: 0525

, Assignor