

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Peter DIRKSEN | 07/28/2005 |
| Robert Duncan MORTON | 07/28/2005 |
| Peter ZANDBERGEN | 07/28/2005 |
| David VAN STEENWINCKEL | 07/28/2005 |
| Yuri AKSENOV | 07/28/2005 |
| Jeroen Herman LAMMERS | 07/28/2005 |
| Johannes VAN WINGERDEN | 07/28/2005 |
| Laurent MARINIER | 07/28/2005 |
| 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 |
| Application Number: | 10596644 |
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PATENT
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| ATTORNEY DOCKET NUMBER: | NL040617 |
| NAME OF SUBMITTER: | Michael E. Marion |
| Total Attachments: 2 source=NL0401617ASSIGN#page1.tif source=NL0401617ASSIGN#page2.tif | |

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

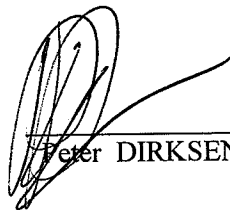
invented by us, which application:

- ☐ is executed concurrently herewith
☐ was executed by me/us on
☐ is Serial No. filed
☒ is International Application No. PCT/IB2004/052886....filed..22..December..2004...,

and all rights in and to said application, and all Patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all Patents on said improvements or resulting therefrom to said Assignee as assignee of the entire interest and covenant that I have full right so to do, and agree that I will communicate to said Assignee or its representatives any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns and nominees, to obtain and enforce proper protection for said invention.

28 July 2005
Date

(sign name here)
(print name here)



Peter DIRKSEN

_____, Assignor

28 July 2005
Date

(sign name here)
(print name here)



Robert Duncan MORTON

_____, Assignor

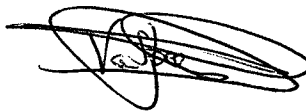
28 July 2005
Date

(sign name here)
(print name here)



Peter ZANDBERGEN

_____, Assignor



, Assignor

28 July 2005

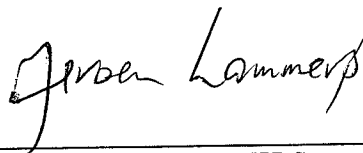
Date

(sign name here)(print name here)David VAN STEENWINCKEL

, Assignor

28 July 2005

Date

(sign name here)(print name here)Yuri AKSENOV

, Assignor

28 July 2005

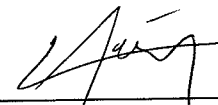
Date

(sign name here)(print name here)Jeroen Herman LAMMERS

, Assignor

28 July 2005

Date

(sign name here)(print name here)Johannes VAN WINGERDEN

, Assignor

28 July 2005

Date

(sign name here)(print name here)Laurent MARINIER