PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
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| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------------|----------------|
| Christian STEHNING | 03/08/2011 |
| Jurgen Erwin RAHMER | 03/08/2011 |
| Stefanie REMMELE | 03/14/2011 |
| Ulrike BLUME | 03/16/2011 |
| Tobias Richard SCHAEFFTER | 03/14/2011 |

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13123128 |

CORRESPONDENCE DATA

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Total Attachments: 6

PATENT REEL: 026092 FRAME: 0594 H \$40,00 1312;

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| and assign, and transfer N.V., having a place of | the entire and exclusive is business at Groenewouds | we acknowledge receipt, I/we as a below-name right, title, and interest in the following to Koseweg 1, 5621 BA Eindhoven, the Netherland of the collectively "the Assignee") my/our invention to the collective of | ninklijke Philips Electronics s, its successors, assigns, and |
|---|--|--|--|
| was filed on | /us on, ha | iving a Serial Noional Application No. PCT/IB2009/054338, | |
| therewith, based thereon provisionals divisions, o | n, or claiming priority the continuations, continuation | ther United States, foreign and international prefrom including, but not limited to, any and ans-in-part, reexaminations, reissues, and extere right, title, and interest in and to any and all | all provisionals, non- nsions thereof, and the right to |
| - | | officials in the United States and in any and a the Assignee(s), for its sole use, and that of it | · · |
| extent. Upon request at legal proceedings include | the expense of the Assign | the Assignee to enjoy the foregoing right, title, nee, I/we agree to execute all papers, take all tions and infringement actions, and do all other maintaining patents on the foregoing inventions. | rightful oaths, testify in all er such acts which may be |
| I/We certify that I/we ha | we the full right to convey | y the above rights. | |
| 02 - March - 2011 Date | (sign name here) | Christian STEHNING | , Assignor |
| 08 - Mark - ZoM Date | (sign name here) (print name here) | Jesus Ralius Jurgen Erwin RAHMER | , Assignor |
| Date | (sign name here) (print name here) | Stefanie REMMELE | , Assignor |
| | (sign name here) | | , Assignor |

Ulrike BLUME

(print name here)

Date

| , | (sign name here) | | | , Assignor |
|------|-------------------|---------------------------|---|------------|
| Date | (print name here) | Tobias Richard SCHAEFFTER | - | |

| | , | we acknowledge receipt, I/we as a below-ii | |
|--|--|--|---|
| ~ | | ight, title, and interest in the following to h | |
| | | eweg 1, 5621 BA Eindhoven, the Netherla | |
| legal representatives, in | cluding any nominees (co | llectively "the Assignee") my/our inventio | n for which an application: |
| is executed concurre | ently herewith | | |
| was executed by me | e/us on | *************************************** | |
| | | ving a Serial No | ********* |
| was filed on. 05-Oc | t-2009, having an Internat | ional Application No. PCT/IB2009/054338 | 3, |
| and all rights in and to | said application, and all ot | her United States, foreign and internationa | l patent applications associated |
| _ | | refrom including, but not limited to, any an | |
| | · | ns-in-part, reexaminations, reissues, and ex | |
| claim priority thereto, a | | e right, title, and interest in and to any and | |
| applications. | | | |
| any and all Letters Pate | | officials in the United States and in any an the Assignee(s), for its sole use, and that of | |
| legal representatives. | | | |
| extent. Upon request a legal proceedings inclu | t the expense of the Assign ding patent prosecution ac convenient for securing a | he Assignee to enjoy the foregoing right, ti nee, I/we agree to execute all papers, take a tions and infringement actions, and do all o and maintaining patents on the foregoing in | all rightful oaths, testify in all other such acts which may be |
| I/We certify that I/we h | ave the full right to conve | y the above rights. | |
| | | | |
| | (sign name here) | | , Assignor |
| Date | (print name here) | Christian STEHNING | |
| | | | |
| | (sign name here) | | , Assignor |
| Date | (print name here) | Jürgen Erwin RAHMER | |
| <i>a.</i> 1 | | | |
| 14- Hord-2011 | (sign name here) | 1. Malland | , Assignor |
| Date | (print name here) | Stefanie REMMELE | |
| | (airm many a bana) | | , Assignor |
| ** | (sign name here) | Ulrike BLUME | , A TOOLETIOE |
| Date | (print name here) | Office Decivic | |

| | (sign name here) | | , Assignor |
|------|-------------------|---------------------------|------------|
| Date | (print name here) | Tobias Richard SCHAEFFTER | |

| For good and valuable | e consideration, of which I/ | we acknowledge receipt, I/we as a below- | named Assignor(s), hereby sell, |
|--|--|---|--|
| - | | right, title, and interest in the following to | |
| • | | seweg 1, 5621 BA Eindhoven, the Nether | |
| | | ollectively "the Assignee") my/our invent | |
| is executed concu | rrently herewith | | |
| | ne/us on | *************************************** | |
| | | ving a Serial No | |
| was filed on. 05-0 | Oct-2009, having an Internat | ional Application No. PCT/IB2009/0543 | 38, |
| and all rights in and t | o said application, and all or | ther United States, foreign and internation | nal patent applications associated |
| therewith, based there | eon, or claiming priority the | refrom including, but not limited to, any | and all provisionals, non- |
| provisionals divisions | s, continuations, continuatio | ns-in-part, reexaminations, reissues, and | extensions thereof, and the right to |
| claim priority thereto applications. | , and the entire and exclusiv | e right, title, and interest in and to any an | d all patents granted on these |
| | tent when granted, solely to | officials in the United States and in any a the Assignee(s), for its sole use, and that | |
| extent. Upon request legal proceedings inc | at the expense of the Assign luding patent prosecution ac or convenient for securing a | he Assignee to enjoy the foregoing right, nee, I/we agree to execute all papers, take tions and infringement actions, and do al and maintaining patents on the foregoing i | all rightful oaths, testify in all lother such acts which may be |
| I/We certify that I/we | have the full right to conve | y the above rights. | |
| | | | A |
| | (sign name here) | Of the CORPUS INVO | , Assignor |
| Date | (print name here) | Christian STEHNING | |
| | (sign name here) | | , Assignor |
| Date | (print name here) | Jürgen Erwin RAHMER | |
| | (sign name here) | | , Assignor |
| Data | (print name here) | Stefanie REMMELE | |
| Date | (print name nere) | Stelline RESILITEES | |
| 16th March 2011 | (sign name here) | Write Bure | , Assignor |
| Date | (print name here) | Ulrike BLUME | A.C. C. |

14-3-11

(sign name here)

(print name here)

Tobias Richard SCHAEFFTER

, Assignor

RECORDED: 04/07/2011