#### 05/12/2016 503823026

# PATENT ASSIGNMENT COVER SHEET

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| NATURE OF CONVEYANCE: | ASSIGNMENT     |  |

### **CONVEYING PARTY DATA**

| Name                                | Execution Date |
|-------------------------------------|----------------|
| JEROEN MOLEMA                       | 03/09/2015     |
| ALBERT JAN AITINK                   | 01/22/2015     |
| BRAM TUIYP                          | 01/22/2015     |
| HENDRIK KLAAS LOUWSMA               | 01/21/2015     |
| MARTINUS BERNARDUS STAPELBROEK      | 01/22/2015     |
| ROBBERT FREERK JOHAN VAN DER SCHEER | 01/27/2015     |

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### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15036086 |

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| DATE SIGNED:            | 05/12/2016          |

**PATENT REEL: 038556 FRAME: 0637** 503823026

# **Total Attachments: 3**

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PATENT REEL: 038556 FRAME: 0638

Date

Date

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| and assign, and transfer<br>a place of business at Hi | the entire and exclusive right Tech Campus 5,5656        |  |   |
|---|--|--|---|
| was filed on  | us on, ha  | ving a Serial Noional Application No. PCT/EP28                             |   |
| therewith, based thereon<br>provisionals divisions, c | , or claiming priority the<br>ontinuations, continuation | refrom including, but not limited t<br>ns-in-part, re-examinations, reissu | emational patent applications associated to, any and all provisionals, non-<br>ies, and extensions thereof, and the right to any and all patents granted on these                 |
|   |  |  | in any and all foreign countries to issue and that of its successors, assigns, and  |
| extent. Upon request at<br>legal proceedings includ   | the expense of the Assigring patent prosecution ac       | nee, I/we agree to execute all pape<br>tions and infringement actions, an  | g right, title, and interest to the fullest<br>ers, take all rightful oaths, testify in all<br>ad do all other such acts which may be<br>egoing invention or for perfecting title |
| I/We certify that I/we ha                             | ve the full right to conve                               | y the above rights.  |   |
| <u> 2015-03-09</u>                                    | (sign name here)   | 4  |   |
| Date  | (print name here)  | Jeroen MOLEMA  | Assignor  |
| Date  | (print name here)  | Albert Jan AYTINK  | Assignor  |

Page 1 of 1

. Assignor

, Assignor

, Assignor

, Assignor

SCHEER

Bram TUIYP

Hendrik Klans LOUWSMA

Martinus Bernardus STAPELBROEK

Robbert Freerk Johan VAN DER

(print name here)

(print name here)

(print name here)

(print name here)

| and assign, and tran                         | nsfer the entire and exclusive r<br>at High Tech Campus 5,5656  | we acknowledge receipt, I/we as a below-name ight, title, and interest in the following to Koni AE, Eindhoven, the Netherlands, its successory (ely "the Assignee") my/our invention for which          | nklijke Philips N.V., having<br>s, assigns, and legal    |
|--|---|---|--|
| was executed by was filed on                 |   | ving a Serial Noional Application No. PCT/EP2014/075220,  |  |
| therewith, based th<br>provisionals division | ereon, or claiming priority thereons, continuations, continuations                                    | her United States, foreign and international parefrom including, but not limited to, any and alms-in-part, re-examinations, reissues, and exter e right, title, and interest in and to any and all p    | l provisionals, non-<br>sions thereof, and the right to  |
|  | Patent when granted, solely to  | officials in the United States and in any and al<br>the Assignee(s), for its sole use, and that of its  | -  |
| extent. Upon reque<br>legal proceedings i    | est at the expense of the Assign<br>neluding patent prosecution ac<br>e, or convenient for securing a | he Assignee to enjoy the foregoing right, title, nee, I/we agree to execute all papers, take all ritions and infringement actions, and do all other administration patents on the foregoing inventions. | ghtful oaths, testify in all<br>r such acts which may be |
| I/We certify that I/                         | we have the full right to conve   | y the above rights.   |  |
|  | (sign name here)  |   |  |
| Date   | (print name here)   | Jeroen MOLEMA   | Assignor   |
| Date   | (print name here)   | Albert Jan AITINK   | , Assignor   |
| Date   | (print name here)   | Bram TUIYP  | , Assignor   |
| <u>\$215-01-21</u><br>Date                   | (print name here)   | Hepdrik-Klase LOLWSNA   | , Assignor   |
| Date   | (print name here)   | Martinus Bernardus STAPELBROEK  |  |

Page 1 of 1

SCHEER

Robbert Freerk Johan VAN DER

(print name here)

Date

PATENT REEL: 038556 FRAME: 0640

, Assignor

| For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell, and assign, and transfer the entire and exclusive right, title, and interest in the following to Koninklijke Philips N.V., having a place of business at High Tech Campus 5,5656 AE, Eindhoven, the Netherlands, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee") my/our invention for which an application: |
|--|
| ☐ is executed concurrently herewith ☐ was executed by me/us on   |

and all rights in and to said application, and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisionals divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

I/We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to the Assignee(s), for its sole use, and that of its successors, assigns, and legal representatives.

I/We will provide my/our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, I/we agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecution 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.

I/We certify that I/we have the full right to convey the above rights.

|                   | (sign name here)    |                                     |            |
|-------------------|---------------------|-------------------------------------|------------|
| Date              | (print name here)   | Jeroen MOLEMA                       | , Assignor |
| 22-01-2015        | a.j. Altink         | 010144                              |            |
| Date              | (print name here)   | Albert Jan ATTINK                   | , Assignor |
| 22-0-2015         | AND CA THIS         |                                     |            |
| Date              | (print name here)   | Bram TUIYP                          | , Assignor |
| F\100.            | (wright names have) | Hendrik Klass LOUWSMA               | Accinerer  |
| Date<br>72-1-20/5 | (print name here)   | A second                            | , Assignor |
| Date              | (print name here)   | Marting Bernsteins STARSENROEK      | , Assignor |
| 27-01-7015        | - Rit. The Walley   | Buddes: Sperry Johan VAN DER SCHEER |            |
| Date              | (print name here)   | Rudbert Frett Johan VAN DER         | , Assignor |
|                   | , name              | ······SCHEER                        |            |

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