504002555 09/13/2016

# PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT4049211

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

| Name                                   | Execution Date |
|--|----------------|
| KLAAS CORNELIS JAN WIJBRANS            | 03/24/2015     |
| GERHARDUS WILHELMUS LUCASSEN           | 07/13/2016     |
| BERNARDUS HENDRIKUS WILHELMUS HENDRIKS | 03/16/2015     |

## **RECEIVING PARTY DATA**

| Name:           | KONINKLIJKE PHILIPS N.V. |
|-----------------|--------------------------|
| Street Address: | HIGH TECH CAMPUS 5       |
| City:           | EINDHOVEN                |
| State/Country:  | NETHERLANDS              |
| Postal Code:    | 5656 AE                  |

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15125686 |

## **CORRESPONDENCE DATA**

**Fax Number:** (914)495-9512

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

**Phone:** 914-495-9516

**Email:** patti.demichele@philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

Address Line 1: 465 COLUMBUS AVENUE

Address Line 2: SUITE 340

Address Line 4: VALHALLA, NEW YORK 10595

| ATTORNEY DOCKET NUMBER: | 2014P00295WOUS        |
|-------------------------|-----------------------|
| NAME OF SUBMITTER:      | WILLIAM J. MCNAMARA   |
| SIGNATURE:              | /William J. McNamara/ |
| DATE SIGNED:            | 09/13/2016            |

#### **Total Attachments: 3**

source=2014P00295WOUS\_ASSIGNMENT#page1.tif source=2014P00295WOUS\_ASSIGNMENT#page2.tif source=2014P00295WOUS\_ASSIGNMENT#page3.tif

PATENT 504002555 REEL: 039717 FRAME: 0242

ASSIGNMENT

Docket No. 2014P00295WOUS

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby self, and assign, and transfer the entire and exclusive right, title, and interest in the following to Koninklijke Philips N.V., having a place of husiness 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:

| ] îs | executed concurrently herewith   |
|------|--|
|      | as executed by me/us on  |
|      | ras filed on, having a Serial Nis  |
| X) u | as filed on, 13 Mar 2015, having an International Application No. PCT/EP2015/055251, |

U.S.A. Sole/Joint

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 Assignec(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 ouths, 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.

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

| 24-3-15 | (sign name here)  |   |            |
|---------|-------------------|---|------------|
| Date    | (print name here) | Klass ornelis Jan WIJBRANS                | , Assignor |
| Date    | (print name here) | Gerhardus Wilhelmas LUCASSEN              | Assignor   |
| Date    | (print name here) | Bernardus Hendrikus Wilhelmus<br>HENDRIKS | , Assignor |

Page 1 of 1

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell,

| a place of business  | at High Tech Campus 5,5656   | ight, title, and interest in the following to Ko<br>AE, Eindhoven, the Netherlands, its success<br>vely "the Assignee") my our invention for w   | ors, assigns, and legal   |
|--|--|--|---|
| was executed b   |  | ving a Serial Notional Application No. PCT/EP2015/05525:   |   |
| and all rights in an<br>therewith, based th<br>provisionals divisi | d to said application, and all ot<br>ercon, or claiming priority the<br>ons, continuations, continuation | her United States, foreign and international perform including, but not limited to, any and as-in-part, re-examinations, reissues, and extending title, and interest in and to any and a           | patent applications associated<br>all provisionals, non-<br>tensions thereof, and the right t |
|  | Patent when granted, solely to   | officials in the United States and in any and the Assignee(s), for its sole use, and that of   | •   |
| extent. Upon required legal proceedings                            | est at the expense of the Assign<br>including patent prosecution ac<br>le, or convenient for securing a  | he Assignee to enjoy the foregoing right, titl<br>nee, I/we agree to execute all papers, take all<br>tions and infringement actions, and do all ot<br>nd maintaining patents on the foregoing inve | rightful oaths, testify in all<br>her 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   13, 201   | (print name here)  | Klaas Cornelis Jan WIJBRANS  | , Assignor  |
| Date V   | (print name here)  | Certiardus Wilhelmus LUCASSEN  | Assignor  |
| Date   | (print name here)  | Bernardus Hendrikus Wilhelmus<br>HENDRIKS  | , Assignor  |
|  |  | 5 4 6  |   |

Page 1 of 1

PATENT REEL: 039717 FRAME: 0244 to

| and assign, and transf<br>a place of business at | er the entire and exclusive ri<br>High Tech Campus 5,5656                                    | ve acknowledge receipt, I/we as a below-nanight, title, and interest in the following to Ko<br>AE, Eindhoven, the Netherlands, its successively "the Assignee") my/our invention for w                | ninklijke Philips N.V., having<br>ors, assigns, and legal    |
|--|--|---|--|
| was filed on                                     | ne us on, ha   | ving a Serial Noional Application No. PCT/EP2015/055251   |  |
| therewith, based there provisionals divisions    | on, or claiming priority ther, continuation,   | her United States, foreign and international perfrom including, but not limited to, any and as-in-part, re-examinations, reissues, and extending title, and interest in and to any and al             | all provisionals, non-<br>ensions thereof, and the right to  |
|  |  | officials in the United States and in any and<br>the Assignee(s), for its sole use, and that of   |  |
| extent. Upon request legal proceedings incl      | at the expense of the Assigr<br>uding patent prosecution ac-<br>or convenient for securing a | ne Assignee to enjoy the foregoing right, title<br>nee, I/we agree to execute all papers, take all<br>tions and infringement actions, and do all oth<br>and maintaining patents on the foregoing inve | rightful oaths, testify in all<br>her such acts which may be |
| I/We certify that I/we                           | have the full right to convey  | y the above rights.   |  |
|  | (sign name here)   |   |  |
| Date   | (print name here)  | Kiaas Cornelis Jan WIJBRANS   | , Assignor   |
| Date<br>16-3 - 2015                              | (print name here)  | Gerhardus Withelmus LUCASSEN  | Assignor   |
| Date   | (print name here)  | Bernärdus Hendrikus Wilhelmus   | , Assignor   |

Page 1 of 1

HENDRIKS

PATENT REEL: 039717 FRAME: 0245

**RECORDED: 09/13/2016**