#### 503156551 01/29/2015

# PATENT ASSIGNMENT COVER SHEET

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

#### **CONVEYING PARTY DATA**

| Name                | Execution Date |
|---------------------|----------------|
| PRITAM BHOSALE      | 02/06/2014     |
| ANIL SHIVRAM RAIKER | 10/10/2013     |
| SHRUTIN ULMAN       | 05/02/2014     |

### **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: | 14418128 |

### CORRESPONDENCE DATA

Fax Number: (914)332-0615

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: 914-945-6000

Email: elissa.deluccy@philips.com

PHILIPS INTELLECTUAL PROPERTY & STANDARD **Correspondent Name:** 

Address Line 1: P.O. BOX 3001

Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510

| ATTORNEY DOCKET NUMBER: | 2012P01439WOUS      |
|-------------------------|---------------------|
| NAME OF SUBMITTER:      | TIMOTHY A. NATHAN   |
| SIGNATURE:              | /Timothy A. Nathan/ |
| DATE SIGNED:            | 01/29/2015          |

## **Total Attachments: 3**

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> **PATENT** REEL: 034840 FRAME: 0926 503156551

|  | r the entire and exclusive r  | we acknowledge receipt, I/we as a belo<br>ight, title, and interest in the following   |  |  |  |
|--|---|--|--|--|--|
| a place of business at E   | ligh Tech Campus 5,5656   | AE, Eindhoven, the Netherlands, its su   | ccessors, assigns, and legal   |  |  |
| epresentatives, including any nominees (collectively "the Assignee") my/our invention for which an application:  |   |  |  |  |  |
| is executed concurr  | ently herewith  |  |  |  |  |
| was executed by me   | os on   |  |  |  |  |
| was filed on   | , ha  | ving a Serial No   | *********  |  |  |
| was filed on. 06 Au  | g 2013, having an Internal  | tional Application No. PCT/IB2013/05   | 6444,  |  |  |
| and all rights in and to   | said application, and all ot  | her United States, foreign and internati   | onal patent applications associated  |  |  |
| therewith, based thereo  | n, or claiming priority the   | refrom including, but not limited to, an   | y and all provisionals, non-   |  |  |
| provisionals divisions,  | continuations, continuatio  | ns-in-part, re-examinations, reissues, a   | nd extensions thereof, and the right to  |  |  |
| claim priority thereto, a applications.  | and the entire and exclusiv   | e right, title, and interest in and to any   | and all patents granted on these   |  |  |
| -  |   | officials in the United States and in any the Assignee(s), for its sole use, and the   | •  |  |  |
| regus representatives.   |   |  |  |  |  |
| I/We will provide my/c<br>extent. Upon request a<br>legal proceedings inclu  | t the expense of the Assign<br>ding patent prosecution ac<br>convenient for securing a  | he Assignee to enjoy the foregoing right<br>nee, I/we agree to execute all papers, ta<br>stions and infringement actions, and do<br>nd maintaining patents on the foregoin | ke all rightful oaths, testify in all all other such acts which may be                                     |  |  |
| I/We will provide my/c<br>extent. Upon request a<br>legal proceedings inclu<br>necessary, desirable, or<br>thereto in the Assignee                             | t the expense of the Assign<br>ding patent prosecution ac<br>convenient for securing a  | nee, I/we agree to execute all papers, ta<br>tions and infringement actions, and do<br>nd maintaining patents on the foregoin  | ke all rightful oaths, testify in all all other such acts which may be                                     |  |  |
| I/We will provide my/c<br>extent. Upon request a<br>legal proceedings inclu<br>necessary, desirable, or<br>thereto in the Assignee<br>I/We certify that I/we h | t the expense of the Assign<br>ding patent prosecution ac<br>convenient for securing a  | nee, I/we agree to execute all papers, ta<br>tions and infringement actions, and do<br>nd maintaining patents on the foregoin  | ke all rightful oaths, testify in all all other such acts which may be                                     |  |  |
| I/We will provide my/c<br>extent. Upon request a<br>legal proceedings inclu<br>necessary, desirable, or<br>thereto in the Assignee<br>I/We certify that I/we h | t the expense of the Assign<br>ding patent prosecution ac<br>convenient for securing a<br>ave the full right to conve                     | nee, I/we agree to execute all papers, ta<br>tions and infringement actions, and do<br>nd maintaining patents on the foregoin  | ke all rightful oaths, testify in all all other such acts which may be                                     |  |  |
| I/We will provide my/c extent. Upon request a legal proceedings inclu necessary, desirable, or thereto in the Assignee I/We certify that I/we h                | t the expense of the Assign<br>ding patent prosecution ac<br>convenient for securing a<br>ave the full right to conve<br>(sign name here) | nee, I/we agree to execute all papers, ta<br>tions and infringement actions, and do<br>nd maintaining patents on the foregoin<br>y the above rights.                       | ke all rightful oaths, testify in all all other such acts which may be g invention or for perfecting title |  |  |

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

|  |  |  | wing to Koninklijke Philips N.V., having  |
|--|--|--|---|
|  | ·  | ly "the Assignee") my/our inver                                      | its successors, assigns, and legal ntion for which an application:  |
| is executed concurren                                  |  |  |   |
|  | is on  |  |   |
|  |  | ing a Serial No  |   |
| was filed on. 86 Aug                                   | 2013, having an Internatio                           | onal Application No. PCT/IB20  | 13/056444,  |
| -  |  |  | ernational patent applications associated   |
|  |  |  | to, any and all provisionals, non-  |
| -  |  |  | ies, and extensions thereof, and the right to   |
| claim priority thereto, an applications.               | d the entire and exclusive                           | right, title, and interest in and 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 t<br>legal proceedings includi | he expense of the Assigneing patent prosecution acti | ee, I/we agree to execute all papersons and infringement actions, as | g right, title, and interest to the fullest<br>ers, take all rightful oaths, testify in all<br>nd 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 convey                          | the above rights.  |   |
|  | (sign name here)                                     |  |   |
| Date   | (print name here)                                    | Pritam BHOSALE   | , Assignor  |
|  | ANIL SHIVEAM   | RAIKER GAME  |   |
| Date 10 2013   | (print name here)                                    | Anii Shivram RAIKER  | <sub>s</sub> Assignor   |
| Date   | (print name here)                                    | Shratia ULMAN  | , Assignor  |
|  |  |  |   |

Page 1 of 1

| and annion and two    | afan tha antina and avaluation                                       | ight, title, and interest in the following | ow-named Assignor(s), hereby sell,      |   |
|-----------------------|--|--|---|---|
|                       |  | AE, Eindhoven, the Netherlands, its st     |   |   |
| •                     |  | vely "the Assignee") my/our invention      |   |   |
| representatives, mei  | numg any nominees (conecu  | very the Assignee ) my/our mivendon        | ioi wiicii an appication.               |   |
| is executed conc      | currently berewith   |  |   |   |
| was executed by       | me/us on   | ***************************************    |   |   |
| was filed on          | , ha   | ving a Serial No                           |   |   |
| was filed on. 06      | Aug 2013, having an Interna  | tional Application No. PCT/IB2013/0:       | 56444,                                  |   |
| and all rights in and | to said application, and all or                                      | her United States, foreign and internat    | ional patent applications associated    |   |
| therewith, based the  | reon, or claiming priority the                                       | refrom including, but not limited to, ar   | ny and all provisionals, non-           |   |
| provisionals divisio  | ns, continuations, continuatio                                       | ns-in-part, re-examinations, reissues, a   | nd extensions thereof, and the right to | 0 |
| claim priority theres | o, and the entire and exclusiv                                       | e right, title, and interest in and to any | and all patents granted on these        |   |
| applications.         |  |  |   |   |
|                       |  |  |   |   |
|                       | ·  | officials in the United States and in an   |   |   |
|                       | •  | the Assignee(s), for its sole use, and t   | hat of its successors, assigns, and     |   |
| legal representative  | S.   |  |   |   |
| I/We will provide n   | ny/our cooperation to enable t                                       | he Assignee to enjoy the foregoing rig     | ht, title, and interest to the fullest  |   |
| -                     |  | nee, I/we agree to execute all papers, is  |   |   |
| •                     | -  | tions and infringement actions, and do     |   |   |
|                       |  | nd maintaining patents on the foregoin     |   |   |
| thereto in the Assign | ·  | U I  |   |   |
|                       | nee.   |  |   |   |
| -                     | nee.   |  |   |   |
| I/We certify that I/w | nee.<br>ve have the full right to conve                              | y the above rights.                        |   |   |
| I/We certify that I/w |  | y the above rights.                        |   |   |
| I/We certify that I/v | ve have the full right to conve                                      | y the above rights.                        |   |   |
|                       | ve have the full right to conve                                      |  |   |   |
| I/We certify that I/w | ve have the full right to conve                                      | y the above rights.  Pritam BHOSALE        | , Assignor                              |   |
| Date                  | ve have the full right to conve                                      |  | , Assignor<br>, Assignor                |   |
|                       | ve have the full right to conve  (sign name here)  (print name here) | Pritam BHOSALE                             |   |   |

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