### 502520857 10/04/2013

# PATENT ASSIGNMENT

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

# **CONVEYING PARTY DATA**

| Name        | Execution Date |
|-------------|----------------|
| VIKAS JAIN  | 10/01/2012     |
| MANU DHUNDI | 09/26/2012     |

# RECEIVING PARTY DATA

| Name:           | KONINKLIJKE PHILIPS ELECTRONICS N.V. |  |  |
|-----------------|--------------------------------------|--|--|
| Street Address: | GROENEWOUDSEWEG 1                    |  |  |
| City:           | EINDHOVEN                            |  |  |
| State/Country:  | NETHERLANDS                          |  |  |
| Postal Code:    | 5656 BA                              |  |  |

### PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 14009813 |

# CORRESPONDENCE DATA

Fax Number: (914)332-0615

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 914-945-6000

Email: barbara.kinney@philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

Address Line 1: P.O. BOX 3001

Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510

| ATTORNEY DOCKET NUMBER: | 2011P00412WOUS |
|-------------------------|----------------|
| NAME OF SUBMITTER:      | PAUL IM        |
| Signature:              | /Paul Im/      |
| Date:                   | 10/04/2013     |

Total Attachments: 2

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PATENT REEL: 031344 FRAME: 0545 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 Electronics

|                                                       |                                                            | weg 1, 5656 BA Eindhoven, the Netherland lectively "the Assignee") my/our invention                                                                                                       |                                                                   |
|-------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| was filed on                                          | us on, hav                                                 | ing a Serial Noional Application No. PCT/IB2012/05162                                                                                                                                     |                                                                   |
| therewith, based thereon<br>provisionals divisions, c | , or claiming priority there<br>antinuations, continuation | er United States, foreign and international efrom including, but not limited to, any and sin-part, re-examinations, reissues, and exright, title, and interest in and to any and a        | d all provisionals, non-<br>ctensions thereof, and the right to   |
| -                                                     |                                                            | officials in the United States and in any and the Assignee(s), for its sole use, and that or                                                                                              |                                                                   |
| extent. Upon request at legal proceedings includ      | the expense of the Assignating patent prosecution acti     | e Assignee to enjoy the foregoing right, tit<br>ee, I/we agree to execute all papers, take a<br>ions and infringement actions, and do all o<br>d maintaining patents on the foregoing inv | ll rightful oaths, testify in all<br>other such acts which may be |
| I/We certify that I/we ha                             | we the full right to convey                                | the above rights.                                                                                                                                                                         |                                                                   |
| 1-0d20/2<br>Date                                      | (sign name here) (print name here)                         | Vikas JAIN                                                                                                                                                                                | , Assignor                                                        |
| Date                                                  | (sign name here) (print name here)                         | Manu DHUNDI                                                                                                                                                                               | , Assignor                                                        |

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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 Electronics

| - ·                                                  |                                                                                   | Iseweg 1, 5656 BA Eindhoven, the N<br>collectively "the Assignee") my/our i | letherlands, its successors, assigns, and nettention for which an application:                                                                                   |
|------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                      | √us on                                                                            | aving a Serial No                                                           | ***************************************                                                                                                                          |
| was filed on. 2012-A                                 | Apr-03, having an Inter                                                           | national Application No. PCT/IB20                                           | 12/051620,                                                                                                                                                       |
| therewith, based thereo<br>provisionals divisions, o | n, or claiming priority th<br>continuations, continuati                           | erefrom including, but not limited to                                       | s, and extensions thereof, and the right                                                                                                                         |
|                                                      |                                                                                   |                                                                             | a any and all foreign countries to issue and that of its successors, assigns, and                                                                                |
| extent. Upon request at<br>legal proceedings inclu-  | t the expense of the Assi<br>ding patent prosecution a<br>convenient for securing | gnee, I/we agree to execute all paper actions and infringement actions, and | right, title, and interest to the fullest s, take all rightful oaths, testify in all do all other such acts which may be poing invention or for perfecting title |
| I/We certify that I/we h                             | ave the full right to conv                                                        | ey the above rights.                                                        |                                                                                                                                                                  |
| Date                                                 | (sign name here) (print name here)                                                |                                                                             | <u>. Assignor</u> .                                                                                                                                              |
| 9/26/2012<br>Date                                    | (sign name here)<br>(print name here)                                             | Manu DHUNDI                                                                 | Assignor                                                                                                                                                         |
|                                                      |                                                                                   |                                                                             |                                                                                                                                                                  |

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