

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4691800

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                         |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                             |
| <b>CONVEYING PARTY DATA</b>   |  |
| <b>Name</b>   | <b>Execution Date</b>                  |
| FETZE PIJLMAN   | 10/27/2013                             |
| WILHELMUS PETRUS ADRIANUS JOHANNUS MICHIELS   | 09/13/2013                             |
| CORNELIS GERARDUS MARIA DE HAAS   | 09/05/2013                             |
| MENNO VAN BAARDWIJK   | 09/05/2013                             |
| JOCHEN RENAAT VAN GHELUWE   | 09/03/2013                             |
| SIEBE TJERK DE ZWART  | 11/15/2017                             |
| THEODORUS JOHANNES PETRUS VAN DEN BIGGELAAR   | 10/13/2013                             |
| MICHEL CORNELIS JOSEPHUS MARIE VISSENBERG   | 09/03/2013                             |
| MAARTEN MARINUS JOHANNES WILHELMUS VAN HERPEN   | 11/01/2013                             |
| <b>RECEIVING PARTY DATA</b>   |  |
| <b>Name:</b>  | KONINKLIJKE PHILIPS N.V.               |
| <b>Street Address:</b>  | HIGH TECH CAMPUS 5                     |
| <b>City:</b>  | EINDHOVEN                              |
| <b>State/Country:</b>   | NETHERLANDS                            |
| <b>Postal Code:</b>   | 5656 AE                                |
| <b>PROPERTY NUMBERS Total: 1</b>  |  |
| <b>Property Type</b>  | <b>Number</b>                          |
| <b>Application Number:</b>  | 14007407                               |
| <b>CORRESPONDENCE DATA</b>  |  |
| <b>Fax Number:</b>  |  |
| <i>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.</i> |  |
| <b>Phone:</b>   | 914-495-9561                           |
| <b>Email:</b>   | gigi.miller@lighting.com               |
| <b>Correspondent Name:</b>  | PHILIPS LIGHTING INTELLECTUAL PROPERTY |
| <b>Address Line 1:</b>  | 465 COLUMBUS AVENUE                    |
| <b>Address Line 2:</b>  | SUITE 330                              |
| <b>Address Line 4:</b>  | VALHALLA, NEW YORK 10595               |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 2011P00377WOUS                         |
| <b>NAME OF SUBMITTER:</b>   | GIGI MILLER                            |

PATENT

|   |               |
|---|---------------|
| <b>SIGNATURE:</b>   | /GiGi Miller/ |
| <b>DATE SIGNED:</b>   | 11/16/2017    |
| <b>Total Attachments: 16</b><br>source=2011P00377WOUS_EXECUTED_ASS#page1.tif<br>source=2011P00377WOUS_EXECUTED_ASS#page2.tif<br>source=2011P00377WOUS_EXECUTED_ASS#page3.tif<br>source=2011P00377WOUS_EXECUTED_ASS#page4.tif<br>source=2011P00377WOUS_EXECUTED_ASS#page5.tif<br>source=2011P00377WOUS_EXECUTED_ASS#page6.tif<br>source=2011P00377WOUS_EXECUTED_ASS#page7.tif<br>source=2011P00377WOUS_EXECUTED_ASS#page8.tif<br>source=2011P00377WOUS_EXECUTED_ASS#page9.tif<br>source=2011P00377WOUS_EXECUTED_ASS#page10.tif<br>source=2011P00377WOUS_EXECUTED_ASS#page11.tif<br>source=2011P00377WOUS_EXECUTED_ASS#page12.tif<br>source=2011P00377WOUS_EXECUTED_ASS#page13.tif<br>source=2011P00377WOUS_EXECUTED_ASS#page14.tif<br>source=2011P00377WOUS_EXECUTED_ASS#page15.tif<br>source=2011P00377WOUS_EXECUTED_ASS#page16.tif |               |

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 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 .....  
☐ was filed on ..... , having a Serial No. ....  
☒ was filed on. 2012-Mar-30, having an International Application No. PCT/IB2012/051558,

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, \_e-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.

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

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|-------------------|-------------------|--|------------|
| <u>27-10-2013</u> | (sign name here)  |  | .....      |
| Date              | (print name here) | Fetsie FULMAN  | , Assignor |
| .....             | (print name here) | Wilhelmus Petrus Adriaans  | .....      |
| Date              | (print name here) | MICHIELS   | , Assignor |
| .....             | (print name here) | Cornelis Gerardus Maria DE HAAS  | .....      |
| Date              | (print name here) | Menno VAN BAARDWIJK  | , Assignor |
| .....             | (print name here) | Jochen Rensat VAN GHELUWE  | .....      |
| Date              | (print name here) | Siebe Tjerk DE ZWART   | , Assignor |
| .....             | (print name here) | Theodorus Johannes Petrus VAN  | .....      |
| Date              | (print name here) | DEN BIGGELAAR  | , Assignor |

|               |                            |   |                     |
|---------------|----------------------------|---|---------------------|
| _____<br>Date | _____<br>(print name here) | _____<br>Michel Cornelis Josephus Marie<br>VISSENBERG     | _____<br>, Assignor |
| _____<br>Date | _____<br>(print name here) | _____<br>Maarten Marinus Johannes<br>Wilhelmus VAN HERPEN | _____<br>, Assignor |

Page 2 of 2

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☐ was executed by me/us on .....  
☐ was filed on ....., having a Serial No. ....  
☒ was filed on **30 Mar 2012**, having an International Application No. **PCT/IB2012/051558**.

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|----------------|---------------------------------------|---|------------|
| Date           | (sign name here)<br>(print name here) | Fetze PIJLMAN   | , Assignor |
| Date 13-9-2013 | (print name here)                     | <br>Wilhelmus Petrus Adrianus Johannus<br>MICHIELS | , Assignor |
| Date           | (print name here)                     | Cornelis Gerardus Maria DE HAAS   | , Assignor |
| Date           | (print name here)                     | Menno VAN BAARDWIJK   | , Assignor |
| Date           | (print name here)                     | Jochen Renaat VAN GHELUWE   | , Assignor |
| Date           | (print name here)                     | Siebe Tjerk DE ZWART  | , Assignor |
| Date           | (print name here)                     | Theodorus Johannes Petrus VAN<br>DEN BIGGELAAR  | , Assignor |

PATENT

REEL: 044476 FRAME: 0883

|      |                   |  |            |
|------|-------------------|--|------------|
| Date | (print name here) | Michel Cornelis Josephus Marie<br>VISSENBERG     | , Assignor |
| Date | (print name here) | Maarten Marinus Johannes<br>Wilhelmus VAN HERPEN | , Assignor |

Page 2 of 2

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|-------------------|-------------------|--|------------|
| _____             | (sign name here)  | _____  | _____      |
| Date              | (print name here) | <b>Fetze PIJLMAN</b>                               | , Assignor |
| _____             | (print name here) | _____  | _____      |
| Date              | (print name here) | <b>Wilhelmus Petrus Adrianus Johannus MICHIELS</b> | , Assignor |
| <b>05-09-2013</b> | (print name here) | <b>Cornelis Gerardus Maria DE HAAS</b>             | , Assignor |
| <b>05-09-2013</b> | (print name here) | <b>Menno VAN BAARDWIJK</b>                         | , Assignor |
| _____             | (print name here) | _____  | _____      |
| Date              | (print name here) | <b>Jochen Renaat VAN GHELUWE</b>                   | , Assignor |
| _____             | (print name here) | _____  | _____      |
| Date              | (print name here) | <b>Siebe Tjerk DE ZWART</b>                        | , Assignor |
| _____             | (print name here) | _____  | _____      |
| Date              | (print name here) | <b>Theodorus Johannes Petrus VAN DEN BIGGELAAR</b> | , Assignor |

**PATENT**

**REEL: 044476 FRAME: 0885**

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|---------------|----------------------------|---|---------------------|
| _____<br>Date | _____<br>(print name here) | _____<br>Michel Cornelis Josephus Marie<br>VISSENBERG     | _____<br>, Assignor |
| _____<br>Date | _____<br>(print name here) | _____<br>Maarten Marinus Johannes<br>Wilhelmus VAN HERPEN | _____<br>, Assignor |



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☒ was filed on. 30 Mar 2012, having an International Application No. PCT/IB2012/051558,

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|--------------------------|-------------------|---|------------|
| _____                    | (sign name here)  | _____                                       | _____      |
| Date                     | (print name here) | Fetze PIJLMAN                               | , Assignor |
| _____                    | (print name here) | _____                                       | _____      |
| Date                     | (print name here) | Wilhelmus Petrus Adrianus Johannis MICHIELS | , Assignor |
| _____                    | (print name here) | _____                                       | _____      |
| Date                     | (print name here) | Cornelis Gerardus Maria DE HAAS             | , Assignor |
| _____                    | (print name here) | _____                                       | _____      |
| Date                     | (print name here) | Menno VAN BAARDWIJK                         | , Assignor |
| _____                    | (print name here) | _____                                       | _____      |
| Set 3 <sup>rd</sup> 2013 | (print name here) | Jochen Rensat VAN GHELUWE                   | , Assignor |
| _____                    | (print name here) | _____                                       | _____      |
| Date                     | (print name here) | Siebe Tjerk DE ZWART                        | , Assignor |
| _____                    | (print name here) | _____                                       | _____      |
| Date                     | (print name here) | Theodorus Johannes Petrus VAN DEN BIGGELAAR | , Assignor |

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| Date | (print name here) | Michel Cornelis Josephus Marie<br>VISSENBERG     | , Assignor |
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☐ was filed on, ....., having a Serial No. ....

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| _____ | (print name here) | _____                                       | _____      |
| Date  | (print name here) | Wilhelmus Petrus Adrianus Johannus MICHIELS | , Assignor |
| _____ | (print name here) | _____                                       | _____      |
| Date  | (print name here) | Cornelis Gerardus Maria DE HAAS             | , Assignor |
| _____ | (print name here) | _____                                       | _____      |
| Date  | (print name here) | Mennis VAN BAARDWIJK                        | , Assignor |
| _____ | (print name here) | _____                                       | _____      |
| Date  | (print name here) | Jochen Renaat VAN GHELUWE                   | , Assignor |
| _____ | (print name here) | _____                                       | _____      |
| Date  | (print name here) | Siebe Tjerk DE ZWART                        | , Assignor |
| _____ | (print name here) | _____                                       | _____      |
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|               |                            |   |                     |
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| _____<br>Date | _____<br>(print name here) | _____<br>Michel Cornelis Josephus Marie<br>VISSENBERG     | _____<br>, Assignor |
| _____<br>Date | _____<br>(print name here) | _____<br>Maarten Marinus Johannes<br>Wilhelmus VAN HERPEN | _____<br>, Assignor |

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| _____      | (print name here) | _____                                       | _____      |
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| _____      | (print name here) | _____                                       | _____      |
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| _____      | (print name here) | _____                                       | _____      |
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| _____      | (print name here) | _____                                       | _____      |
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| _____      | (print name here) | _____                                       | _____      |
| Date       | (print name here) | Siebe Tjerk DE ZWART                        | , Assignor |
| 81-10-2013 | (print name here) | _____                                       | _____      |
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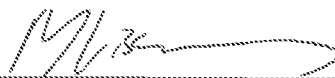
I/We certify that I/we have the full right to convey the above rights.

|               |                                       |  |                     |
|---------------|---------------------------------------|--|---------------------|
| .....<br>Date | (sign name here)<br>(print name here) | Fetze FIJLMAN                                  | .....<br>, Assignor |
| .....<br>Date | (print name here)                     | Wilhelmus Petrus Adrianus Johannus<br>MICHIELS | .....<br>, Assignor |
| .....<br>Date | (print name here)                     | Cornelis Gerardus Maria DE HAAS                | .....<br>, Assignor |
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| .....<br>Date | (print name here)                     | Theodorus Johannes Petrus VAN<br>DEN BIGGELAAR | .....<br>, Assignor |

3 Sept 2013

Date

(print name here)



Michel Cornelis Josephus Marie  
VISSENBERG

, Assignor

Date

(print name here)

Maarten Marinus Johannes  
Wilhelmus VAN HERPEN

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☒ was filed on. 30 Mar 2012, having an International Application No. PCT/IB2012/051558,

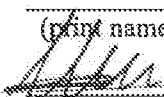
and all rights in and to said application, and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisionals divisions, continuations, continuations-in-part, 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.

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