

PATENT ASSIGNMENT

Electronic Version v1.1
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| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | |
|--|---|---------------|----------------|-----------------------|------------|-----------------------------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | |
| CONVEYING PARTY DATA | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Johannes van Lammeren</td> <td>07/19/2012</td> </tr> <tr> <td>Matheus Johannus Gerardus Lammers</td> <td>07/19/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Johannes van Lammeren | 07/19/2012 | Matheus Johannus Gerardus Lammers | 07/19/2012 |
| Name | Execution Date | | | | | | |
| Johannes van Lammeren | 07/19/2012 | | | | | | |
| Matheus Johannus Gerardus Lammers | 07/19/2012 | | | | | | |
| RECEIVING PARTY DATA | | | | | | | |
| Name: | NXP B.V. | | | | | | |
| Street Address: | High Tech Campus 60 | | | | | | |
| City: | Eindhoven | | | | | | |
| State/Country: | NETHERLANDS | | | | | | |
| Postal Code: | NL-5656 AG | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13555923</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13555923 | | |
| Property Type | Number | | | | | | |
| Application Number: | 13555923 | | | | | | |
| CORRESPONDENCE DATA | | | | | | | |
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| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> | | | | | | | |
| Correspondent Name: | Intellectual Property and Licensing NXP | | | | | | |
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| ATTORNEY DOCKET NUMBER: | 81521204US02 | | | | | | |
| NAME OF SUBMITTER: | Jennifer V. Wilson | | | | | | |
| Total Attachments: 1 source=81521204US02_Signed_Assignment#page1.tif | | | | | | | |

CH \$40.00 13555923

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, as below-named Assignor, hereby sell, assign, and transfer the entire and exclusive right, title, and interest in the following to **NXP B.V.**, having a place of business at High Tech Campus 60, NL-5656 AG, Eindhoven, NL, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) our invention relating to "**BATTERY CELL TEMPERATURE DETECTION**"

for which a US patent application was executed concurrently herewith, and which was filed in the United States Patent and Trademark Office on _____, having an Application Number _____ (we hereby authorize and request our attorneys associated with customer number 65913 to insert here the filing date and application number of this application when known).

(2) the foregoing application and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority there from including, but not limited to, any and all provisional's, non-provisional's, divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and

(3) 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.

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 **NXP B.V.**, and for its sole use, and that of its successors, assigns, and legal representatives.

We will provide 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, we agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecutorial 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.

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

| | | |
|---------------------------|---|------------|
| <u>2012-07-19</u> Date | <u>J.B.N. VAN LAMMEREN</u> Johannes van Lammeren | , Assignor |
| <u>2012-07-19</u> Date | <u>Matheus</u> Matheus Johannus Gerardus Lammers | , Assignor |