

## PATENT ASSIGNMENT

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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>Bart ROOSSEN</td> <td>07/10/2012</td> </tr> <tr> <td>Mattheus Petrus Franciscus HOMMELBERG</td> <td>07/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Bart ROOSSEN	07/10/2012	Mattheus Petrus Franciscus HOMMELBERG	07/09/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</td> </tr> <tr> <td>Street Address:</td> <td>Schoemakerstraat 97</td> </tr> <tr> <td>City:</td> <td>Delft</td> </tr> <tr> <td>State/Country:</td> <td>NETHERLANDS</td> </tr> <tr> <td>Postal Code:</td> <td>2628 VK</td> </tr> </table>		Name:	Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	Street Address:	Schoemakerstraat 97	City:	Delft	State/Country:	NETHERLANDS	Postal Code:	2628 VK
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 2028243001</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: csmits@bannerwitcoff.com, BWPTOPAT@bannerwitcoff.com</p> <p>Correspondent Name: Banner &amp; Witcoff</p> <p>Address Line 1: 1100 13th Street N.W.</p> <p>Address Line 2: Suite 1200</p> <p>Address Line 4: Washington D.C., DISTRICT OF COLUMBIA 20005</p>											
ATTORNEY DOCKET NUMBER:	007938.00039										
NAME OF SUBMITTER:	Benjamin C. Spehlmann										
<p>Total Attachments: 4</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p> <p>source=Assignment#page3.tif</p> <p>source=Assignment#page4.tif</p>											

PATENT

Application No: 13/515,594

BW: 007938.00039

P95812US00

ASSIGNMENT

WHEREAS, WE, **Bart ROOSSEN**, residing in **The Netherlands**, and **Mattheus Petrus Franciscus HOMMELBERG**, residing in **Belgium** (ASSIGNORS), are the inventors of certain inventions and improvements described in a U.S. patent application identified by having the title:

**DISTRIBUTED STATUS CALCULATIONS IN AN ELECTRICITY NETWORK WITH THE AID OF AGENTS**

which application was filed as U.S. Application Serial Number **13/515,594** on June 13, 2012, and filed as PCT International Application **PCT/NL2010/050833** (published as WO 2011/074950) on December 9, 2010.

and WHEREAS

Nederlandse Organisatie voor toegepast-  
natuurwetenschappelijk onderzoek TNO  
Schoemakerstraat 97  
2628 VK Delft  
The Netherlands

ASSIGNEE, desires to acquire the entire right, title and interest in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,

We hereby assign, to the above named ASSIGNEE, its successors, assign and legal representatives (NOMINEES) the entire right, title and interest in and to said application, inventions and improvements throughout the world and to any and all patents, petty patents and utility model patents which may be granted therefor, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

And we covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement or do anything in conflict herewith;

And we further covenant and agree that we will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said application, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and we agree to communicate to said ASSIGNEE or its NOMINEES all known facts respecting

Application No: 13/515,594

BW: 007938.00039

said application, inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

And we authorize the ASSIGNEE or its NOMINEES to file in our names or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant our attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

Date: July 10, 2012

Inventor: \_\_\_\_\_

  
Bart ROOSSEN

Date: \_\_\_\_\_

Inventor: \_\_\_\_\_

Mattheus Petrus Franciscus HOMMELBERG

Note: No legalization or other witness required.

Application No: 13/515,594

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Date: \_\_\_\_\_ Inventor: \_\_\_\_\_

Bart ROOSSIEN

Date: 9/7/12

Inventor:

Matthijs Petrus Franciscus HOMMELBERG

Note: No legalization or other witness required.