

## 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>Marija Ilic</td> <td>08/02/2013</td> </tr> <tr> <td>Sanja Cvijic</td> <td>08/02/2013</td> </tr> </tbody> </table>		Name	Execution Date	Marija Ilic	08/02/2013	Sanja Cvijic	08/02/2013				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Carnegie Mellon University</td> </tr> <tr> <td>Street Address:</td> <td>5000 Forbes Avenue</td> </tr> <tr> <td>City:</td> <td>Pittsburgh</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>15213</td> </tr> </table>		Name:	Carnegie Mellon University	Street Address:	5000 Forbes Avenue	City:	Pittsburgh	State/Country:	PENNSYLVANIA	Postal Code:	15213
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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>13958248</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13958248						
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CORRESPONDENCE DATA											
<p>Fax Number: 8028627512</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 802-863-2375</p> <p>Email: patip@drm.com</p> <p>Correspondent Name: Morgan S. Heller II</p> <p>Address Line 1: 199 MAIN STREET</p> <p>Address Line 2: P O BOX 190</p> <p>Address Line 4: BURLINGTON, VERMONT 05402-0190</p>											
ATTORNEY DOCKET NUMBER:	13556-027USU1										
NAME OF SUBMITTER:	Morgan S. Heller II										
Signature:	/Morgan S. Heller II/										
Date:	08/05/2013										
<p>Total Attachments: 2</p> <p>source=Assignments_13556027USU1#page1.tif</p> <p>source=Assignments_13556027USU1#page2.tif</p>											

OP \$40.00 13958248

**ASSIGNMENT**

Whereas, I, **Marija Ilic**, residing in **Pittsburgh, PA**, have invented one or more new and useful inventions and have filed therefor United States Nonprovisional Patent Application Serial No. 13/958,248, filed on August 2, 2013, entitled "Contingency Screening in Multi-Control Area Electrical Power Systems Using Coordinated DC Power Flow" (hereinafter, "Application(s)");

And whereas, Carnegie Mellon University, a Pennsylvania Non-Profit Corporation, having a place of business at 5000 Forbes Avenue, Pittsburgh, PA 15213 (hereinafter called Assignee), desires to acquire the entire right, title and interest in the Application(s) and all inventions disclosed therein, and to any United States and foreign patents to be obtained therefor, and to any United States, international, and foreign patent applications to be filed thereon;

Now therefore, for good and valuable consideration, receipt whereof is hereby acknowledged, I, the above-named inventor hereby sell, assign, and transfer to Assignee, its successors and assigns, and confirm any previous assignments made by me for, the entire right, title and interest in the Application(s) and inventions therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the Application(s), and I hereby agree that Assignee may file one or more international applications and apply for foreign Letters Patent on said inventions; and I request the Commissioner for Patents of the United States Patent and Trademark Office and the authorized official in each respective foreign patent office to issue any Letters Patent granted upon the inventions set forth in the Application(s) to Assignee; and I will execute all papers necessary in connection with the United States, international, and foreign applications when called upon to do so by Assignee.

I, the above-named, hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Assignment.

I hereby authorize Downs Rachlin Martin PLLC to insert into this Assignment in the blank spaces appearing above, respectively, the application serial number and filing date of the patent application identified by Attorney Docket No. "13556-027USU1," which appears on at least one page of the application.

Executed at Pittsburgh (city/town), PA (state/country),  
this 2<sup>nd</sup> day of August, 2013.

Marija Ilic  
Marija Ilic

**ASSIGNMENT**

Whereas, I, **Sanja Cvijic**, residing in **Pittsburgh, PA**, have invented one or more new and useful inventions and have filed therefor United States Nonprovisional Patent Application Serial No. 13/958,248, filed on August 2, 2013, entitled "Contingency Screening in Multi-Control Area Electrical Power Systems Using Coordinated DC Power Flow" (hereinafter, "Application(s)");

And whereas, Carnegie Mellon University, a Pennsylvania Non-Profit Corporation, having a place of business at 5000 Forbes Avenue, Pittsburgh, PA 15213 (hereinafter called Assignee), desires to acquire the entire right, title and interest in the Application(s) and all inventions disclosed therein, and to any United States and foreign patents to be obtained therefor, and to any United States, international, and foreign patent applications to be filed thereon;

Now therefore, for good and valuable consideration, receipt whereof is hereby acknowledged, I, the above-named inventor hereby sell, assign, and transfer to Assignee, its successors and assigns, and confirm any previous assignments made by me for, the entire right, title and interest in the Application(s) and inventions therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the Application(s), and I hereby agree that Assignee may file one or more international applications and apply for foreign Letters Patent on said inventions; and I request the Commissioner for Patents of the United States Patent and Trademark Office and the authorized official in each respective foreign patent office to issue any Letters Patent granted upon the inventions set forth in the Application(s) to Assignee; and I will execute all papers necessary in connection with the United States, international, and foreign applications when called upon to do so by Assignee.

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(state/country),

this 2 day of August, 2013.

  
\_\_\_\_\_  
**Sanja Cvijic**

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