

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | |
|--|--------------------|---------------|-------------------|---------------------|--------------------|-------------|------------|----------------|------------|--------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>David Sun</td> <td>09/29/2010</td> </tr> <tr> <td>Kwok Cheung</td> <td>09/29/2010</td> </tr> <tr> <td>Kenneth Chung</td> <td>09/29/2010</td> </tr> <tr> <td>Tory McKeag</td> <td>09/08/2010</td> </tr> </tbody> </table> | | Name | Execution Date | David Sun | 09/29/2010 | Kwok Cheung | 09/29/2010 | Kenneth Chung | 09/29/2010 | Tory McKeag | 09/08/2010 |
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| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Areva T & D, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>10865 Willows Road</td> </tr> <tr> <td>City:</td> <td>Redmond</td> </tr> <tr> <td>State/Country:</td> <td>WASHINGTON</td> </tr> <tr> <td>Postal Code:</td> <td>90852</td> </tr> </table> | | Name: | Areva T & D, Inc. | Street Address: | 10865 Willows Road | City: | Redmond | State/Country: | WASHINGTON | Postal Code: | 90852 |
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| Street Address: | 10865 Willows Road | | | | | | | | | | |
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| Postal Code: | 90852 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12830028</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12830028 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 12830028 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| Fax Number: (650)853-1038 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 650 752 3100 Email: Patentsv@goodwinprocter.com Correspondent Name: Goodwin Procter LLP Attn: Patent Adminis Address Line 1: 53 State Street Address Line 4: Boston, MASSACHUSETTS 02109 | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | ARV 0005-1 | | | | | | | | | | |
| NAME OF SUBMITTER: | Paul Davis | | | | | | | | | | |
| Total Attachments: 2 source=assignment#page1.tif | | | | | | | | | | | |

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PATENT
REEL: 025164 FRAME: 0888

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ASSIGNMENT OF APPLICATION

Docket Number ARV 0005-1

Whereas, the undersigned:

David Sun
Kirkland, WA
Tory McKeag
Duvall, WA

Kwok Cheung
Redmond, WA

Kenneth Chung
Bellevue, WA

hereinafter termed "Inventors", have invented certain new and useful improvements in

**METHOD FOR INTEGRATING INDIVIDUAL LOAD FORECASTS INTO A
COMPOSITE LOAD FORECAST TO PRESENT A COMPREHENSIVE,
SYNCHRONIZED AND HARMONIZED LOAD FORECAST**

☒ for which an application for United States Patent was filed on 07/02/2010, Application No. 12/830,028

WHEREAS, Areva T & D, Inc. an organization having a place of business at 10865 Willows Road, Redmond, WA 98052, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

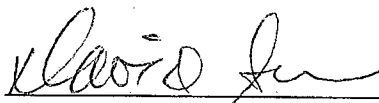
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

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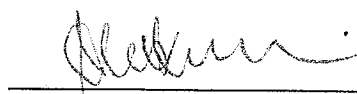
4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:

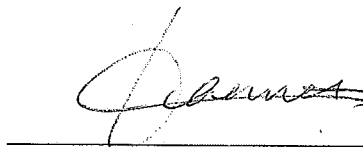
Date: 9-29-10


David Sun

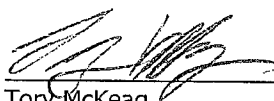
Date: 9-29-10


Kwok Cheung

Date: 9-29-10


Kenneth Chung

Date: 9/8/2016


Tory McKeag