PATENT ASSIGNMENT

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
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</thead>
<tbody>
<tr>
<td>Francis K. Tuffner</td>
<td>07/15/2009</td>
</tr>
<tr>
<td>Michael C.W. Kintner-Meyer</td>
<td>07/15/2009</td>
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<tr>
<td>Donald J. Hammerstrom</td>
<td>07/15/2009</td>
</tr>
<tr>
<td>Richard M. Pratt</td>
<td>07/15/2009</td>
</tr>
</tbody>
</table>

RECEIVING PARTY DATA

| Name: Battelle Memorial Institute |
| Street Address: Dept. K1-53       |
| Internal Address: P.O. Box 999    |
| City: Richland                   |
| State/Country: WASHINGTON        |
| Postal Code: 99352               |

PROPERTY NUMBERS Total: 1

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<tr>
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<tr>
<td>Application Number</td>
<td>12467192</td>
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CORRESPONDENCE DATA

Fax Number: (509)838-3424

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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ATTORNEY DOCKET NUMBER: BA4-359

NAME OF SUBMITTER: James D. Shaurette

500913605

PATENT

REEL: 022971 FRAME: 0684
ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

INVENTORS:

Francis K. Tuffner
P.O. Box 2241
Richland, WA 99352

Michael C.W. Kintner-Meyer
2500 Palomino Court
Richland, WA 99352
United States

Donald J. Hammerstrom
3203 Mt. Daniel
West Richland, WA 99353

Richard M. Pratt,
1147 Hills West Way
Richland, WA 99352

ASSIGNEE:

Battelle Memorial Institute
Dept. K1-53
P.O. Box 999
Richland, WA 99352
United States

BACKGROUND OF THIS ASSIGNMENT:

Inventors have conceived certain new and useful inventions disclosed in a United States patent application titled "Battery Charging Control Methods, Electric Vehicle Charging Methods, Battery Charging Apparatuses And Rechargeable Battery Systems", having U.S. Patent Application Serial No. 12/467192, which was filed May 15, 2009.
Battelle Memorial Institute (hereinafter referred to as "ASSIGNEE") desires to acquire the entire right, title and interest in said inventions and with respect to any Letters Patent that may be granted with respect to the inventions in both the United States and in all foreign countries.

**THE PARTIES AGREE AS FOLLOWS:**

In consideration of good and valuable consideration, the receipt, sufficiency and adequacy of which is hereby acknowledged, INVENTORS have sold, assigned and transferred, and by these present do hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest in the above-identified inventions and application and to any reissues, renewals, divisions or continuations of the application thereof, and hereby authorizes the Commissioner of Patents and Trademarks to issue such Letters Patent to ASSIGNEE for the sole use of ASSIGNEE, its successors or assigns.

INVENTORS further agree to execute, at the request and expense of ASSIGNEE, such other formal documents as may be required to fully convey the interest transferred herein and will similarly execute any patent application papers (foreign or domestic) required for the filing of any divisional, continuation, renewal or reissue of the patent application or resulting Letters Patent; and will generally do everything necessary or desirable to obtain and enforce proper protection for the inventions assigned hereby.

INVENTORS further assign to ASSIGNEE the whole right, title and interest in the inventions disclosed in the application throughout all countries foreign to the United States. ASSIGNEE is hereby authorized to apply for patents relating to the inventions in its own name in countries where such procedure is proper; to claim the benefit of the
International Convention; to file and prosecute International Applications relating to the inventions under the Patent Cooperation Treaty; and to file and prosecute applications relating to the inventions under the European Patent Convention. INVENTORS agree to execute applications relating to the inventions in those countries and under those conventions where it is necessary that the same be executed by the inventor, and to execute assignments of such applications and the resulting Letters Patent to ASSIGNEE as well as all other necessary papers in relation to such applications and Letters Patent. INVENTORS hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country as proof of the right of ASSIGNEE to apply for patent and other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

To be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Dated: 7/15/09

Signature: 

Francis K. Tuffner

State of Washington

County of Benton

On this 15th day of July, 2009, before me, (name and title of Notary Official), personally appeared Francis K. Tuffner, known or identified to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within Assignment, and acknowledged to me that he/she executed the Assignment in his/her authorized capacity, and that by his/her signature on the Assignment, the person executed the Assignment.

DARCI L. BUNNEN
PUBLIC NOTARY
STATE OF WASHINGTON

My Commission Expires: 9/16/10

BA4-359
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3 of 5
Dated: 7/15/09  

Signature: Michael C.W. Kintner-Meyer

State of Washington  

County of Benton

On this 15th day of July, 2009, before me, personally appeared Michael C.W. Kintner-Meyer, known or identified to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within Assignment, and acknowledged to me that he/she executed the Assignment in his/her authorized capacity, and that by his/her signature on the Assignment, the person executed the Assignment.

SEAL

Dated: 7/15/09  

Signature: Donald J. Hammerstrom

State of Washington  

County of Benton

On this 15th day of July, 2009, before me, personally appeared Donald J. Hammerstrom, known or identified to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within Assignment, and acknowledged to me that he/she executed the Assignment in his/her authorized capacity, and that by his/her signature on the Assignment, the person executed the Assignment.

SEAL

My Commission Expires: 9/16/10

My Commission Expires: 9/16/10
Dated: 7/15/09  
Signature: Richard M. Pratt  

State of Washington  
County of Benton  

On this 15th day of July, 2009, before me, (name and title of Notary Official), personally appeared Richard M. Pratt, known or identified to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within Assignment, and acknowledged to me that he/she executed the Assignment in his/her authorized capacity, and that by his/her signature on the Assignment, the person executed the Assignment.

SEAL

My Commission Expires: 9/10/10