

## 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>Shwetak N. Patel</td> <td>12/16/2009</td> </tr> <tr> <td>Thomas Robertson</td> <td>12/16/2009</td> </tr> <tr> <td>Gregory D. Abowd</td> <td>12/17/2009</td> </tr> <tr> <td>Matthew S. Reynolds</td> <td>12/16/2009</td> </tr> </tbody> </table>		Name	Execution Date	Shwetak N. Patel	12/16/2009	Thomas Robertson	12/16/2009	Gregory D. Abowd	12/17/2009	Matthew S. Reynolds	12/16/2009
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<table border="1"> <tr> <td>Name:</td> <td>Georgia Tech Research Corporation</td> </tr> <tr> <td>Street Address:</td> <td>505 Tenth Street N.W.</td> </tr> <tr> <td>City:</td> <td>Atlanta</td> </tr> <tr> <td>State/Country:</td> <td>GEORGIA</td> </tr> <tr> <td>Postal Code:</td> <td>30332-0415</td> </tr> </table>		Name:	Georgia Tech Research Corporation	Street Address:	505 Tenth Street N.W.	City:	Atlanta	State/Country:	GEORGIA	Postal Code:	30332-0415
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CORRESPONDENCE DATA											
<p>Fax Number:</p> <p>Phone: 602-364-7000</p> <p>Email: walter.opaska@bryancave.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Bryan Cave LLP</p> <p>Address Line 1: Two North Central Avenue, Suite 2200</p> <p>Address Line 2: Walter P. Opaska</p> <p>Address Line 4: Phoenix, ARIZONA 85004</p>											
ATTORNEY DOCKET NUMBER:	0331403										
NAME OF SUBMITTER:	Walter P. Opaska										

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Total Attachments: 5

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### CONFIRMATORY ASSIGNMENT

WHEREAS, we, Shwetak N. Patel, a resident of Seattle, Washington; Thomas Robertson, a resident of Atlanta, Georgia; Gregory D. Abowd, a resident of Atlanta, Georgia; and Matthew S. Reynolds, a resident of Durham, North Carolina (hereinafter referred to collectively as "Assignors"); have jointly made an invention entitled POWERLINE EVENT DETECTION, for which an application for a United States Provisional Patent was filed on September 18, 2007 and accorded U.S. Provisional Patent Application Serial No. 60/973,188.

WHEREAS, Georgia Tech Research Corporation, a non-profit corporation organized and existing under the laws of the State of Georgia, having its principal place of business at 505 Tenth Street N.W., Atlanta, GA 30332-0415 (hereinafter referred to as "Assignee"), is desirous of acquiring right, title and interest in said invention.

NOW, THEREFORE, in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignors by these presents, confirm that they have assigned and do hereby do sell, assign and transfer to Assignee, Assignors' entire right, title and interest, for the United States of America and its possessions and territories and for all foreign countries, in and to said invention, including all rights of priority created and conferred by any treaty or international convention which is available in connection with said invention, including the right to apply for patent rights, U.S. or foreign, and in any continuations, divisions, substitutes, renewals, reissues or other applications filed in the U.S. or abroad (including multinational filing arrangements of all kinds), and in any U.S. or foreign patents issued on any such applications and reissues, extensions and renewals thereof, to be held and enjoyed by Assignee, for its own use and behalf and for its successors and assigns, to the full ends of the terms or extended terms for which any Letters Patents or the like may be granted, as fully and entirely as the same would have been held by Assignors had this sale, assignment and transfer not been made.

Assignors hereby authorize and request the Commissioner of Patents of the United States, and any official of any country or countries (including multinational filing arrangements of all kinds), whose duty it is to receive and/or examine applications for patents or similar intellectual/industrial property, issue patents or other evidence or forms of intellectual/industrial property protection on applications as aforesaid, to issue the same to Assignee, its successors and assigns, in accordance with the terms of this instrument.

Assignors covenant with Assignee, its successors, assigns, and legal representatives that Assignors have full right to convey the entire interest herein assigned, and that Assignors have not executed any agreement in conflict herewith and will not execute any agreement or conveyance in conflict herewith.

Assignors further covenant and agree to communicate to Assignee, its successors, legal representatives and assigns, any facts known to Assignors respecting said invention,

and testify in any legal proceeding, sign all lawful papers, including, without limitation, application papers, assignments, powers of attorney, declarations, and other instruments, execute all divisional, continuing, substitute, reissue, renewal and foreign applications, make all truthful oaths, declarations and statements, and generally do everything reasonably requested of Assignors by Assignee, or its successors or assigns to aid Assignee, its successors or assigns, to obtain, enforce and/or exploit said invention.

Executed this \_\_\_\_16<sup>th</sup>\_\_\_\_ day of \_\_December\_\_\_\_, 20\_09\_\_.



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Shwetak N. Patel

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

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Thomas Robertson

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

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Gregory D. Abowd

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

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Matthew S. Reynolds

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Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Shwetak N. Patel

Executed this 16th day of Dec, 2009

Thomas Robertson

Thomas Robertson

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
Gregory D. Abowd

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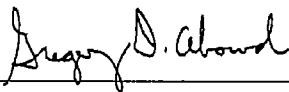
Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Shwetak N. Patel

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Thomas Robertson

Executed this 17th day of December, 2009.

  
\_\_\_\_\_  
Gregory D. Abowd

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
Matthew S. Reynolds

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Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Shwetak N. Patel


Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Thomas Robertson

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
Gregory D. Abowd

Executed this \_16th\_\_\_\_\_ day of \_\_\_\_\_ December\_\_\_\_\_, 2009.

  
\_\_\_\_\_  
Matthew S. Reynolds

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