

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| | |
|--|-----------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| RONALD GORDON HARLEY | 05/30/2013 |
| THOMAS G. HABETLER | 05/30/2013 |
| RECEIVING PARTY DATA | |
| Name: | GEORGIA TECH RESEARCH CORPORATION |
| Street Address: | 505 TENTH STREET |
| Internal Address: | GEORGIA INSTITUTE OF TECHNOLOGY |
| City: | ATLANTA |
| State/Country: | GEORGIA |
| Postal Code: | 30332-0420 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 13908263 |
| CORRESPONDENCE DATA | |
| Fax Number: | 4125666099 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | (412)566-6083 |
| Email: | ipmail@eckertseamans.com |
| Correspondent Name: | KIRK D. HOUSER |
| Address Line 1: | 600 GRANT STREET |
| Address Line 2: | 44TH FLOOR |
| Address Line 4: | PITTSBURGH, PENNSYLVANIA 15219 |
| ATTORNEY DOCKET NUMBER: | 12-MEDP-184 |
| NAME OF SUBMITTER: | Kirk D. Houser |
| Signature: | /Kirk D. Houser/ |

Date:

06/04/2013

Total Attachments: 3

source=184GATECHASSIGN2#page1.tif

source=184GATECHASSIGN2#page2.tif

source=184GATECHASSIGN2#page3.tif

ASSIGNMENT

WHEREAS, We, **RONALD GORDON HARLEY**; and **THOMAS G. HABETLER**, of 803 Tanners Point Drive, Lawrenceville, in the County of Gwinnett, State of Georgia 30044; and of 1563 Stonegate Way, Snellville, in the County of Gwinnett, State of Georgia 30078, respectively, together with **LIANG DU**; **YI YANG**; and **DAWEI HE**, of 1903 Drew Drive NW, Apt. 1424, Atlanta, in the County of Fulton, State of Georgia 30318; of 1550 E. Royall Place, Unit 500, Milwaukee, in the County of Milwaukee, State of Wisconsin 53202; and of 1074 Druid Lake, Decatur, in the County of DeKalb, State of Georgia 30033, respectively, have invented certain improvements in: **METHOD AND SYSTEM EMPLOYING FINITE STATE MACHINE MODELING TO IDENTIFY ONE OF A PLURALITY OF DIFFERENT ELECTRIC LOAD TYPES**, for which we are about to make application for Letters Patent of the United States; and

WHEREAS, **GEORGIA TECH RESEARCH CORPORATION**, a Georgia corporation, having its principal offices at Georgia Institute of Technology, 505 Tenth Street, Atlanta, Georgia 30332-0420, is desirous of acquiring an interest therein;

NOW, THEREFORE, for and in consideration of continued employment and/or other undertakings and/or other good and valuable consideration, receipt of which is hereby acknowledged, we, **RONALD GORDON HARLEY** and **THOMAS G. HABETLER**, by these presents do sell, assign, and transfer unto said **GEORGIA TECH RESEARCH CORPORATION**, its successors and assigns, all of our right, title and interest in the United States of America and all foreign countries to the said invention as described in the specification executed by us on the 30TH day of MAY, 2013; and the 30TH day of MAY, 2013 (and we hereby authorize our attorneys, authorized to prosecute said application, to here insert the filing date and Serial No. of the said application, as soon as it is known, Serial No. 13/908,263, Filed June 3, 2013, preparatory to obtaining Letters Patent of the United States therefor); said invention, all applications for Letters Patent and all Letters Patent therefor, to be held and enjoyed by the said **GEORGIA TECH RESEARCH CORPORATION**, for its own use and behoof and for its legal representatives, to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held by us had this Assignment and sale not been made; and we hereby covenant and agree to execute all instruments or documents required or requested for the making


and prosecution of applications for Letters Patent of the United States of America and all foreign countries or, for litigation regarding, or for the purpose of protecting title to the said invention or Letters Patent therefor for the benefit of our assignee without further or other compensation than that above set forth; and we hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent to **GEORGIA TECH RESEARCH CORPORATION**, as assignee thereof.



RONALD GORDON HARLEY

STATE OF GEORGIA)
) SS:
COUNTY OF DeKalb)

On this 30th day of May, 2013, before me personally appeared **RONALD GORDON HARLEY**, to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.



Notary Public


My Commission Expires: 9-16-13

(SEAL)


THOMAS G. HABETLER

STATE OF GEORGIA)
) SS:
COUNTY OF DeKalb)

On this 30th day of May, 2013, before me personally appeared **THOMAS G. HABETLER**, to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.


Notary Public

My Commission Expires: 9-16-13

(SEAL)