

## PATENT ASSIGNMENT

Electronic Version v1.1

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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>Shuo Wang</td><td>10/27/2006</td></tr><tr><td>Fred Lee</td><td>11/03/2006</td></tr></tbody></table> | Name  | Execution Date | Shuo Wang           | 10/27/2006 | Fred Lee | 11/03/2006 |  |
| Name   | Execution Date                                      |                |                     |            |          |            |  |
| Shuo Wang  | 10/27/2006  |                |                     |            |          |            |  |
| Fred Lee   | 11/03/2006  |                |                     |            |          |            |  |
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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>11552292</td></tr></tbody></table>                                     | Property Type                                       | Number         | Application Number: | 11552292   |          |            |  |
| Property Type  | Number  |                |                     |            |          |            |  |
| Application Number:  | 11552292  |                |                     |            |          |            |  |
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| NAME OF SUBMITTER:   | Marshall M. Curtis                                  |                |                     |            |          |            |  |
| Total Attachments: 2<br>source=01640570AA_Assign1#page1.tif<br>source=01640570AA_Assign1#page2.tif   |   |                |                     |            |          |            |  |

CH \$40.00 11552292

VTIP 06.019  
Serial Number: 11/552,292

### ASSIGNMENT

**WHEREAS**, I/we, the below-named inventor(s) (hereinafter referred to as ASSIGNORS) whose residence address is stated below, have invented certain new and useful improvements in an invention entitled:

#### **Cancellation of Inductor Winding Capitanace**

for which an application for United States Letters Patent Serial No. 11/552,292 has been filed on October 24, 2006; and

**WHEREAS**, Virginia Polytechnic Institute and State University, (hereinafter referred to as ASSIGNEE), an institute of higher education organized under the laws of the Commonwealth of Virginia, having an office and principal place of business at 301 Burruss Hall, Blacksburg, Virginia, 24061, is desirous of acquiring the entire right, title and interest in, to and under said application and said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

**NOW, THEREFORE**, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries and any non-provisional applications claiming the benefit of said application to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

**ASSIGNORS** hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

**ASSIGNORS** further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, enforce and defend said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

VTIP 06.019

Serial Number: 11/552,292

Full name of inventor: Shuo Wang

Residence: 1212 University City Blvd., Apt. I-101, Blacksburg, Virginia 24060

Signature: *Shuo Wang*

Date: 10/27/2006

State of Virginia

County of Montgomery

On October 27, 2006 I do hereby certify that Shuo Wang  
personally appeared and acknowledged the due execution of the foregoing instrument.

*Debbie Hallstead*  
Notary Public

My Commission Expires: November 30, 2009

Full name of inventor: Fred Lee

Residence: 2909 Stradford Lane, Blacksburg, Virginia 24060

Signature: *Fred Lee*

Date: 11/3/06

State of Virginia

County of Montgomery

On November 3, 2006 I do hereby certify that Fred Lee  
personally appeared and acknowledged the due execution of the foregoing instrument.

*Debbie Hallstead*  
Notary Public

My Commission Expires: November 30, 2009