

## 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>Ayman Adel Fayed</td> <td>02/16/2012</td> </tr> <tr> <td>Chengwu Tao</td> <td>02/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ayman Adel Fayed	02/16/2012	Chengwu Tao	02/16/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Iowa State University Research Foundation, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>310 Lab of Mechanics</td> </tr> <tr> <td>City:</td> <td>Ames</td> </tr> <tr> <td>State/Country:</td> <td>IOWA</td> </tr> <tr> <td>Postal Code:</td> <td>50011-2131</td> </tr> </table>		Name:	Iowa State University Research Foundation, Inc.	Street Address:	310 Lab of Mechanics	City:	Ames	State/Country:	IOWA	Postal Code:	50011-2131
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CORRESPONDENCE DATA											
<p>Fax Number: (815)654-5770          Phone: 815-633-5300          Email: RockMail@reinhardtllaw.com  <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: REINHART BOERNER VAN DEUREN P.C.          Address Line 1: 2215 PERRYGREEN WAY          Address Line 4: ROCKFORD, ILLINOIS 61107</p>											
ATTORNEY DOCKET NUMBER:	508145										
NAME OF SUBMITTER:	Gordon M. Wright										
<p>Total Attachments: 4          source=508145Assignment#page1.tif          source=508145Assignment#page2.tif          source=508145Assignment#page3.tif          source=508145Assignment#page4.tif</p>											

CH \$40.00 13397251

Reinhart Boerner Van Deuren P.C.  
Attorneys at Law  
2215 Perrygreen Way  
Rockford, Illinois 61107

### **ASSIGNMENT OF APPLICATION FOR PATENT**

**WHEREAS, WE**, Ayman Adel Fayed, of 4007 Laura Court, Ames, Iowa 50010 and Chengwu Tao, of 2615 North Capitol Avenue, Apt. 167, San Jose, CA 95132, respectively, have invented and own a certain invention entitled:

### **SYSTEM AND METHOD FOR PROVIDING POWER VIA A SPURIOUS-NOISE-FREE SWITCHING DEVICE**

for which invention we have executed an application for Letters Patent of the United States, which was filed on February 15, 2012 under Application No. 13/397,251 and

**WHEREAS**, Iowa State University Research Foundation, Inc. of 310 Lab of Mechanics, Ames, Iowa 50011-2131 (hereinafter referred to as Assignee), a corporation of Iowa, is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the application for Letters Patent.

**NOW, THEREFORE**, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the United States and every foreign country and the entire right, title, and interest in and to the application for Letters Patent and other such applications (e.g., continuations, continuations-in-part, divisionals and reissues) that may be filed in the United States and every foreign country, and the Letters Patents or extensions thereof, both foreign and domestic, that may or shall issue thereon, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the Letters Patent in the United States to the above-mentioned Assignee agreeably with the terms of this assignment document.

**WE HEREBY AUTHORIZE** the Assignee to insert in this assignment document the filing date and serial number of the application if the date and number are unavailable at the time this document is executed.

**UPON SAID CONSIDERATION**, we convey to the Assignee the right to make application in its own behalf for protection of the invention in countries foreign to the United States and to claim under the International Convention and/or other international arrangement for any such application the date of the United States application (or any other application if any there be) to gain priority with respect to other applications.

**WE DO HEREBY COVENANT** and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuation, renewal, reissued, or extended Letters Patent of the United States or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

In re Appl. Of: Ayman Adel Fayed et al.  
Attorney Docket No.: 508145

This Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

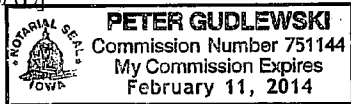
Date 2/16/2012

Ah Adel Fayed  
Ayman Adel Fayed

STATE OF Iowa )  
COUNTY OF Story ) SS

On this 16<sup>th</sup> day of February, 2012, personally appeared before me, a notary public, Ayman Adel Fayed, who acknowledged to me that he/she executed the foregoing instrument.

[SEAL]



Peter Gudlewski  
Notary Public  
My commission expires 2/11/2014

Date \_\_\_\_\_

\_\_\_\_\_  
Chengwu Tao

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS

On this \_\_\_\_ day of \_\_\_\_\_, 2011, personally appeared before me, a notary public, Chengwu Tao, who acknowledged to me that he/she executed the foregoing instrument.

[SEAL]

\_\_\_\_\_  
Notary Public  
My commission expires \_\_\_\_\_

Reinhart Boerner Van Deuren P.C.  
Attorneys at Law  
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Date 02/

Ayman Adel Fayed

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS

On this \_\_\_\_ day of \_\_\_\_\_, 2011, personally appeared before me, a notary public, Ayman Adel Fayed, who acknowledged to me that he/she executed the foregoing instrument.

[SEAL]

\_\_\_\_\_  
Notary Public  
My commission expires \_\_\_\_\_

Date 2/16/2012

Chengwu Tao  
Chengwu Tao

STATE OF CALIFORNIA )  
COUNTY OF SANTA CLARA ) SS

On this 16<sup>th</sup> day of February, 2012, personally appeared before me, a notary public, Chengwu Tao, who acknowledged to me that he/she executed the foregoing instrument.

[SEAL]

Mulu W. Negussie Mulu  
Notary Public  
My commission expires Oct. 6, 2012

