

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Gregg James Haensgen</td> <td>03/14/2013</td> </tr> <tr> <td>John Fredrick Banting</td> <td>03/14/2013</td> </tr> <tr> <td>Bruce Hoepfner</td> <td>03/14/2013</td> </tr> <tr> <td>Richard William Lucas</td> <td>03/14/2013</td> </tr> </tbody> </table>		Name	Execution Date	Gregg James Haensgen	03/14/2013	John Fredrick Banting	03/14/2013	Bruce Hoepfner	03/14/2013	Richard William Lucas	03/14/2013
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Gregg James Haensgen	03/14/2013										
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Cooper Technologies Company</td> </tr> <tr> <td>Street Address:</td> <td>600 Travis St., Suite 5600</td> </tr> <tr> <td>City:</td> <td>Houston</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77002</td> </tr> </table>		Name:	Cooper Technologies Company	Street Address:	600 Travis St., Suite 5600	City:	Houston	State/Country:	TEXAS	Postal Code:	77002
Name:	Cooper Technologies Company										
Street Address:	600 Travis St., Suite 5600										
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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>13828878</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13828878						
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CORRESPONDENCE DATA											
<p>Fax Number: 7137513290  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 713.751.3200        Email: jvillegas@kslaw.com</p> <p>Correspondent Name: King &amp; Spalding LLP (91764)        Address Line 1: 1100 Louisiana St., Suite 4000        Address Line 2: Attn.: IP Docketing        Address Line 4: Houston, TEXAS 77002-5213</p>											
ATTORNEY DOCKET NUMBER:	13682.118565 US										
NAME OF SUBMITTER:	Robert T. Neufeld, Reg. No. 48394										
Signature:	/Robert T. Neufeld/										

PATENT

Date:

07/10/2013

**Total Attachments: 5**

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RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<b>1. Name of conveying party(ies)</b> a) Gregg James HAENSGEN; b) John Fredrick BANTING; c) Bruce HOEPFNER; and d) Richard William LUCAS. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>2. Name and address of receiving party(ies)</b> Name: <u>COOPER TECHNOLOGIES COMPANY</u> Internal Address: _____ Street Address: <u>600 TRAVIS ST., SUITE 5600</u> City: <u>HOUSTON</u> State: <u>TX</u> Country: <u>US</u> Zip: <u>77002</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s) <u>03.14.2013</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____		<b>4. Application or patent number(s):</b> <input type="checkbox"/> This document serves as an Oath/Declaration (37 CFR 1.63). A. Patent Application No.(s) <u>USSN 13/828,878, filed 03.14.2013</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: <u>KING &amp; SPALDING LLP (91764)</u> Internal Address: <u>ATTN.: IP Docketing</u> Street Address: <u>1100 LOUISIANA ST., SUITE 4000</u> City: <u>HOUSTON</u> State: <u>TX</u> Zip: <u>77002-5213</u> Phone Number: <u>713.751.3200</u> Docket Number: <u>13682.118585</u> Email Address: <u>jvillegas@kslaw.com</u>		<b>6. Total number of applications and patents involved:</b> <u>1</u> <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)	
<b>9. Signature:</b> <u>/Robert T. Neufeld/</u> Signature <u>ROBERT T. NEUFELD, Reg. No. 48,394</u> Name of Person Signing		<b>8. Payment Information</b> Deposit Account Number _____ Authorized User Name _____ Date <u>07.10.2013</u> Total number of pages including cover sheet, attachments, and documents: <u>5</u>	

Documents to be recorded (including cover sheet) should be faxed to (877) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## ASSIGNMENT

WHEREAS, we, **Gregg James Haensgen**, a citizen of the United States of America, residing at W152N7706 Country Side Drive, Menomonee Falls, WI 53051; **John Fredrick Banting**, a citizen of the United States of America, residing at W275S2066 Fenway Drive North, Waukesha, WI 53188; **Bruce Hoepfner**, a citizen of the United States of America, residing at 1210 Leon Terrace, Brookfield, WI 53005; and **Richard William Lucas**, a citizen of the United States of America, residing at 3582 Maple Drive South, Cambridge, MN 55008, have invented certain inventions and improvements disclosed in an application for Letters Patent entitled "SYSTEMS AND METHODS FOR ENERGY HARVESTING AND CURRENT AND VOLTAGE MEASUREMENTS," filed in the United States Patent and Trademark Office on March 14, 2013 and assigned U.S. Patent Application No. 13/828,878, and;

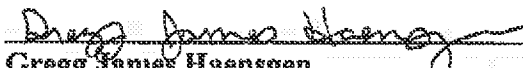
WHEREAS, **Cooper Technologies Company**, a corporation of the State of Delaware having a principal place of business at 600 Travis Street, Suite 5600, Houston, Texas 77002, is desirous of acquiring an interest in the same.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, we, **Gregg James Haensgen; John Fredrick Banting; Bruce Hoepfner; and Richard William Lucas**, by these presents, do sell, assign, and transfer to **Cooper Technologies Company** the full, exclusive, and entire right, title, and interest in and to said application, in and to any divisions, continuations, reexaminations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefor; and we hereby request the Director of the U.S. Patent and Trademark Office to issue any and all Letters Patent of the United States resulting from said application, or from a division, continuation, reexamination, or reissue thereof, to **Cooper Technologies Company** as the assignee, for its interest and for the sole use and benefit of **Cooper Technologies Company** and its assigns and legal representatives;

For the same consideration, we, by these presents, do sell, assign, and transfer to **Cooper Technologies Company** the full, exclusive, and entire right, title, and interest in and to any U.S. nonprovisional or foreign application or applications corresponding to said application, in whole or in part, and to any Letters Patent and similar protective rights granted on said U.S. nonprovisional or foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said U.S. nonprovisional or foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said U.S. nonprovisional or foreign applications to be filed and issued in the name of **Cooper Technologies Company** or its designee insofar as permitted by applicable law;

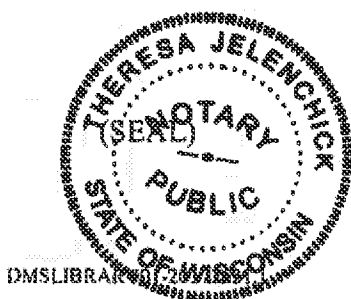
AND, for the same consideration, we agree to sign all lawful papers, execute all division, continuing, reexamination, reissue, and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **Cooper Technologies Company**, its successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

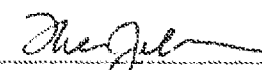
I hereby authorize a representative of King & Spalding, 1180 Peachtree Street NE, Atlanta, Georgia USA, to insert in the blanks above the filing date and application number of said application when known.

  
\_\_\_\_\_  
Gregg James Haensgen

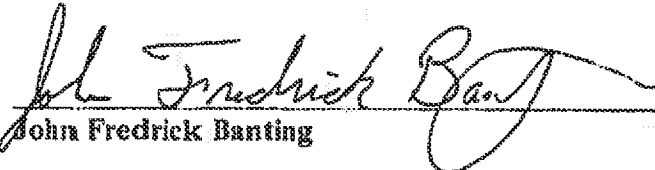
STATE OF WISCONSIN

Before me, a Notary Public in and for the aforementioned state, on this 14<sup>th</sup> day of March, 2013, personally appeared **Gregg James Haensgen**, who, being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.



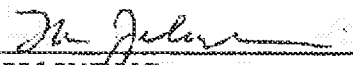
  
\_\_\_\_\_  
NOTARY PUBLIC

My Commission Expires: August 03, 2014

  
John Fredrick Banting

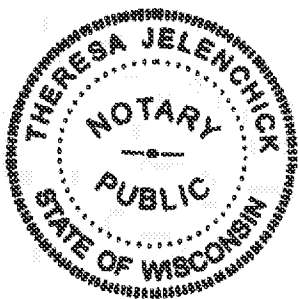
STATE OF WISCONSIN

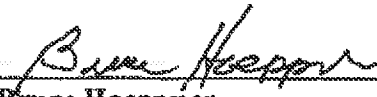
Before me, a Notary Public in and for the aforementioned state, on this 14<sup>th</sup>  
day of March, 2013, personally appeared John Fredrick Banting, who, being duly sworn,  
signed and acknowledged the foregoing Assignment as his free act and deed.

  
NOTARY PUBLIC

My Commission Expires: August 03, 2014


(SEAL)



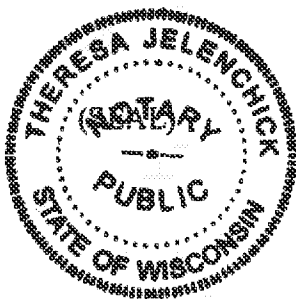
  
Bruce Hoepfner

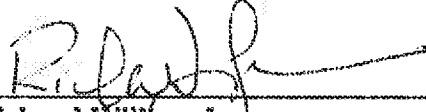
STATE OF WISCONSIN

Before me, a Notary Public in and for the aforementioned state, on this 14<sup>th</sup>  
day of March, 2013, personally appeared Bruce Hoepfner, who, being duly sworn, signed and  
acknowledged the foregoing Assignment as his free act and deed.

  
NOTARY PUBLIC

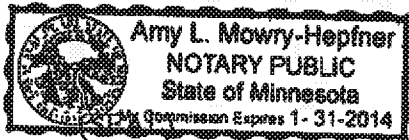
My Commission Expires: August 03, 2014

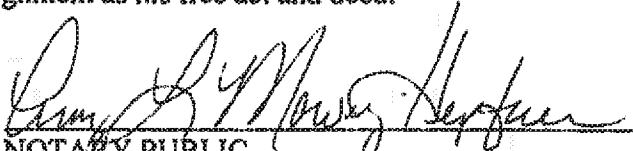


  
\_\_\_\_\_  
Richard William Lucas

STATE OF MINNESOTA

Before me, a Notary Public in and for the aforementioned state, on this 14  
day of March, 2013, personally appeared Richard William Lucas, who, being duly sworn,  
signed and acknowledged the foregoing Assignment as his free act and deed.



  
\_\_\_\_\_  
NOTARY PUBLIC

My Commission Expires: 1-31-2014