

## 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>Matthew R. Boettcher</td> <td>12/18/2012</td> </tr> <tr> <td>Corey A. Kauk</td> <td>12/14/2012</td> </tr> <tr> <td>Kevin L. Martin</td> <td>12/14/2012</td> </tr> </tbody> </table>		Name	Execution Date	Matthew R. Boettcher	12/18/2012	Corey A. Kauk	12/14/2012	Kevin L. Martin	12/14/2012				
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<table border="1"> <tr> <td>Name:</td> <td>Caterpillar Inc.</td> </tr> <tr> <td>Street Address:</td> <td>100 NE Adams Street</td> </tr> <tr> <td>Internal Address:</td> <td>AH 9510</td> </tr> <tr> <td>City:</td> <td>Peoria</td> </tr> <tr> <td>State/Country:</td> <td>ILLINOIS</td> </tr> <tr> <td>Postal Code:</td> <td>61629</td> </tr> </table>		Name:	Caterpillar Inc.	Street Address:	100 NE Adams Street	Internal Address:	AH 9510	City:	Peoria	State/Country:	ILLINOIS	Postal Code:	61629
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: 3096751236  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 309-675-5140        Email: US_Docket_Clerk@cat.com        Correspondent Name: Caterpillar Inc. Intellectual Property D        Address Line 1: 100 N.E. Adams Street        Address Line 2: AH 9510        Address Line 4: PEORIA, ILLINOIS 61629-9510</p>													
ATTORNEY DOCKET NUMBER:	12-0457												
NAME OF SUBMITTER:	Kelly A. Umholtz												
Total Attachments: 6													

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**ASSIGNMENT**

WHEREAS we, the below named inventors, (hereinafter referred to as Assignors), have made an invention entitled:

**COOLING JACKET FOR BATTERY PACK**

for which we will or have filed a patent application; and

WHEREAS, Caterpillar Inc., a Delaware corporation having a place of business at Peoria, State of Illinois, United States of America (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, and in and to the patent application for this invention and any and all patents to be issued upon this application throughout the world;


NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, we, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all patents which may be granted thereon, and all reissues thereof, as well as all rights to claim priority in any country or jurisdiction or patent office on the basis of this application, and all applications for patents which may hereafter be filed for this invention in any country or jurisdiction or patent office and all patents which may be granted on this invention in any country or jurisdiction or patent office, and all extensions, renewals, and reissues thereof, and we hereby authorize and request any official of any country or jurisdiction or patent office whose duty it is to issue patents on applications as described above, to issue all patents for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;


AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;


AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in any country or jurisdiction or patent office, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

AND, WE HEREBY authorize the attorneys/representatives that we have empowered to prosecute this application to insert here in parentheses the country, application number, and official filing date ( \_\_\_\_\_ Application No. \_\_\_\_\_, filed \_\_\_\_\_ ).

IN TESTIMONY WHEREOF, we have hereunto set our hands.

1. FULL NAME OF FIRST ASSIGNOR <b>Matthew R. Boettcher</b>	ASSIGNOR'S SIGNATURE 	DATE <b>12-18-12</b>
ADDRESS <b>633 Simon Dr East Peoria, IL 61611</b>		CITIZENSHIP <b>USA</b>

1. WITNESS NAME Thomas R Springer	WITNESS SIGNATURE 	DATE 12/18/12
ADDRESS 3413 Edgewater Dr. Pekin IL 61554		CITIZENSHIP USA

2. WITNESS NAME GARY W. BAYER	WITNESS SIGNATURE 	DATE 12/18/12
ADDRESS 5522 N. ROSALIE DR PEORIA, IL 61614		CITIZENSHIP USA

## ASSIGNMENT

WHEREAS we, the below named inventors, (hereinafter referred to as Assignors), have made an invention entitled:

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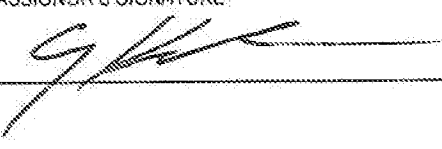
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, we, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all patents which may be granted thereon, and all reissues thereof, as well as all rights to claim priority in any country or jurisdiction or patent office on the basis of this application, and all applications for patents which may hereafter be filed for this invention in any country or jurisdiction or patent office and all patents which may be granted on this invention in any country or jurisdiction or patent office, and all extensions, renewals, and reissues thereof; and we hereby authorize and request any official of any country or jurisdiction or patent office whose duty it is to issue patents on applications as described above, to issue all patents for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

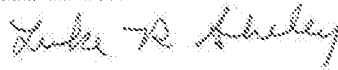
AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;


AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in any country or jurisdiction or patent office, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

AND, WE HEREBY authorize the attorneys/representatives that we have empowered to prosecute this application to insert here in parentheses the country, application number, and official filing date ( \_\_\_\_\_ Application No. \_\_\_\_\_, filed \_\_\_\_\_ ).

IN TESTIMONY WHEREOF, we have hereunto set our hands.

2. FULL NAME OF SECOND ASSIGNOR Corey A. Kauk	ASSIGNOR'S SIGNATURE 	DATE 12/14/2012
ADDRESS 6319 W Croyden Ave, Peoria, IL 61615		CITIZENSHIP USA

1. WITNESS NAME Luke R. Sholey	WITNESS SIGNATURE 	DATE 12/14/2012
ADDRESS 7032 N. Ashcliffe Dr Peoria, IL 61614		CITIZENSHIP USA

2. WITNESS NAME Joshua W. Dorothy	WITNESS SIGNATURE 	DATE 12/14/2012
ADDRESS 2525 W Carlisle Ln Danlop, IL 61525		CITIZENSHIP USA

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NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, we, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all patents which may be granted thereon, and all reissues thereof, as well as all rights to claim priority in any country or jurisdiction or patent office on the basis of this application, and all applications for patents which may hereafter be filed for this invention in any country or jurisdiction or patent office and all patents which may be granted on this invention in any country or jurisdiction or patent office, and all extensions, renewals, and reissues thereof; and we hereby authorize and request any official of any country or jurisdiction or patent office whose duty it is to issue patents on applications as described above, to issue all patents for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

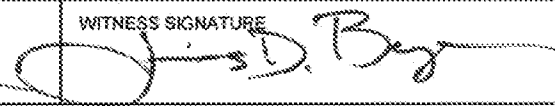
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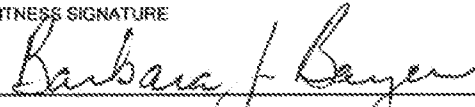
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IN TESTIMONY WHEREOF, we have hereunto set our hands.

3. FULL NAME OF THIRD ASSIGNOR Kevin L. Martin	ASSIGNOR'S SIGNATURE 	DATE 12-14-2012
ADDRESS 18 State Route 26, Washburn, IL 61570		CITIZENSHIP USA

1. WITNESS NAME James D. Bayer	WITNESS SIGNATURE 	DATE 12-14-12
ADDRESS 20 ST. RT 26 WASHBURN, IL. (61570)		CITIZENSHIP USA

2. WITNESS NAME Barbara J. Bayer	WITNESS SIGNATURE 	DATE 12-14-12
ADDRESS 20 State Route 26, WASHBURN IL 61570		CITIZENSHIP USA