

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>Stefan J. Wulf</td> <td>07/16/2012</td> </tr> <tr> <td>Christopher M. Sprock</td> <td>07/16/2012</td> </tr> <tr> <td>Mahmoud M. Tobaa</td> <td>07/16/2012</td> </tr> <tr> <td>Mallikharjuna Rao Boddu</td> <td>07/24/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Stefan J. Wulf | 07/16/2012 | Christopher M. Sprock | 07/16/2012 | Mahmoud M. Tobaa | 07/16/2012 | Mallikharjuna Rao Boddu | 07/24/2012 |
| Name | Execution Date | | | | | | | | | | |
| Stefan J. Wulf | 07/16/2012 | | | | | | | | | | |
| Christopher M. Sprock | 07/16/2012 | | | | | | | | | | |
| Mahmoud M. Tobaa | 07/16/2012 | | | | | | | | | | |
| Mallikharjuna Rao Boddu | 07/24/2012 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| Name: | Caterpillar Inc. | | | | | | | | | | |
| Street Address: | 100 N.E. Adams Street | | | | | | | | | | |
| Internal Address: | Intellectual Property Department | | | | | | | | | | |
| City: | Peoria | | | | | | | | | | |
| State/Country: | ILLINOIS | | | | | | | | | | |
| Postal Code: | 61629-9510 | | | | | | | | | | |
| 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>13557628</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13557628 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 13557628 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| Fax Number: | 2024084400 | | | | | | | | | | |
| Phone: | 202-408-4000 | | | | | | | | | | |
| Email: | lauren.brown@finnegan.com | | | | | | | | | | |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> | | | | | | | | | | | |
| Correspondent Name: | CATERPILLAR/FINNEGAN, HENDERSON, L.L.P. | | | | | | | | | | |
| Address Line 1: | 901 New York Avenue, NW | | | | | | | | | | |
| Address Line 4: | WASHINGTON, DISTRICT OF COLUMBIA 20001-4413 | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 08350.0598-00000 | | | | | | | | | | |
| NAME OF SUBMITTER: | Lauren M. Brown | | | | | | | | | | |

OP \$40.00 13557628

Total Attachments: 7

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**RECORDATION FORM COVER SHEET
PATENTS ONLY**

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 08350.0598-00000

**To the Director of the U.S. Patent and Trademark Office:
Please record the attached original documents or copy thereof.**

Mail Stop Assignment Recordation Services

| | | | | |
|--|---|--|----------------------|--|
| 1. Name of conveying party(ies): 1) Stefan J. Wulf 3) Mahmoud M. Tobaa 2) Christopher M. Sprock 4) Mallikharjuna Rao Boddu | | 2. Name and address of receiving party(ies): Name: Caterpillar Inc. | | |
| Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | Internal Address: Intellectual Property Department | | |
| 3. Nature of conveyance: | | Street Address: 100 N.E. Adams Street | | |
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger | City: Peoria | | |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name | State: IL | Zip Code: 61629-9510 | |
| <input type="checkbox"/> Joint Research Agreement | <input type="checkbox"/> Government Interest Assignment | Additional name(s) & Address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| <input type="checkbox"/> Executive Order 9494, Confirmatory License | <input type="checkbox"/> Other: | | | |
| Execution Date: 1) July 16, 2012; 2) July 16, 2012; 3) July 16, 2012; 4) July 24, 2012 | | | | |
| 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: 1) July 16, 2012; 2) July 16, 2012; 3) July 16, 2012; 4) July 13, 2012 | | | | |
| A. Patent Application Number(s): | | B. Patent Number(s): | | |
| Additional numbers attached? | | <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: | | 6. Total number of applications and patents involved: 1 | | |
| Name: Dominic P. Ciminello (202) 408-4000 | | 7. Total fee (37 CFR 1.21(h) and 3.41): \$40 <input checked="" type="checkbox"/> Enclosed (Please charge deficiency or credit overpayment to deposit account 06-0916) <input type="checkbox"/> Authorized to be charged to deposit account | | |
| Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. | | | | |
| Street Address: 901 New York Avenue, N.W. | | | | |
| City: Washington, D.C. | | | | |
| State: Zip: 20001-4413 | | | | |
| | | 8. Deposit Account No.: 06-0916 | | |
| 9. Statement and signature. | | | | |
| To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. | | | | |
| Signed: _____ | | _____ | | |
| /Dominic P. Ciminello/ Dominic P. Ciminello / Reg. No. 54,038 | | July 25, 2012 Date | | |
| Total number of pages including cover sheet, attachments and documents: 7 | | | | |

6/2007

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), hereinafter referred to as Assignor(s), have made an invention entitled:

WORKSITE MANAGEMENT SYSTEM WITH GEAR RECOMMENDATION

for which I/We will or have filed a patent application; and

WHEREAS, Caterpillar Inc., a corporation of Delaware whose post office address is Intellectual Property Department, 100 N.E. Adams Street, Peoria, IL 61629-9510 (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, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/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 I/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, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/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;

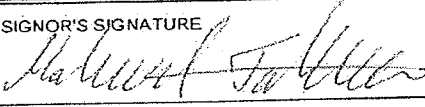
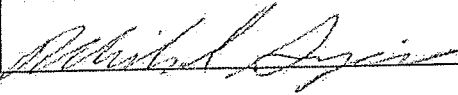
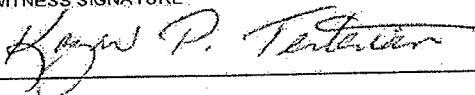
AND, I/WE HEREBY authorize the attorneys/representatives that I/WE have empowered to prosecute this application to insert here in parentheses the country, application number, and official filing date (_____ Application No. _____, filed _____).

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

| | | |
|---|--|-----------------------------|
| 1. FULL NAME OF SOLE OR FIRST ASSIGNOR Stefan J. Wulf | ASSIGNOR'S SIGNATURE  | DATE <i>16 July 2012</i> |
| ADDRESS 1731 Kingsbury Road, Washington, IL 61571 | | CITIZENSHIP USA |
| | | |

| | | |
|--|--|-----------------------|
| 1. WITNESS NAME Jason Bell | WITNESS SIGNATURE <i>Jason Bell</i> | DATE 7-16-2012 |
| ADDRESS 1853 US Hwy 150 E Dahinda, IL | | CITIZENSHIP USA |
| 2. WITNESS NAME Ry Whittington | WITNESS SIGNATURE <i>Ry Whittington</i> | DATE July 16, 2012 |
| ADDRESS 7400 W Villa Lake Dr. Apt. L8 Peoria IL 61614 | | CITIZENSHIP USA |

| | | |
|--|---|----------------------|
| 2. FULL NAME OF SECOND ASSIGNOR, IF ANY Christopher M. Sprock | ASSIGNOR'S SIGNATURE <i>Chris M Sprock</i> | DATE 7/16/2012 |
| ADDRESS 5803 North Haymeadow Court, 3B, Peoria, IL 61615 | | CITIZENSHIP USA |
| 1. WITNESS NAME Jeremy Wilson | WITNESS SIGNATURE <i>Jeremy Wilson</i> | DATE 7/16/2012 |
| ADDRESS 6920 N Rockvale Dr Peoria IL 61614 | | CITIZENSHIP USA |
| 2. WITNESS NAME Jacob Jean | WITNESS SIGNATURE <i>Jacob Jean</i> | DATE 07/16/2012 |
| ADDRESS 5708 N CYPRESS DR, APT # 4004, PEORIA, ILLINOIS - 61615 | | CITIZENSHIP INDIA |

| | | | |
|---|--|--|------------------------|
| 3. FULL NAME OF THIRD ASSIGNOR, IF ANY Mahmoud M. Tobaa | | ASSIGNOR'S SIGNATURE  | DATE 16th July 2012 |
| ADDRESS 11315 North Columbine Drive, Dunlap, IL 61615 | | CITIZENSHIP USA | |
| 1. WITNESS NAME Michael Graziano | | WITNESS SIGNATURE  | DATE 16th July 2012 |
| ADDRESS 1110 Cambridge Dr Washington, IL 61571 | | CITIZENSHIP USA | |
| 2. WITNESS NAME KAZAR TERTERIAN | | WITNESS SIGNATURE  | DATE 16th July 2012 |
| ADDRESS 10 KARA CT, WASHINGTON, IL 61571 | | CITIZENSHIP USA | |

| | | | |
|---|--|----------------------|------|
| 4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Mallikharjuna Rao Boddu | | ASSIGNOR'S SIGNATURE | DATE |
| ADDRESS 5727 North University Street, Peoria, IL 61614 | | CITIZENSHIP INDIA | |

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|-----------------|--|-------------------|------|
| 1. WITNESS NAME | | WITNESS SIGNATURE | DATE |
| ADDRESS | | CITIZENSHIP | |

| | | | |
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for which I/We will or have filed a patent application; and

WHEREAS, **Caterpillar Inc.**, a corporation of **Delaware** whose post office address is **Intellectual Property Department, 100 N.E. Adams Street, Peoria, IL 61629-9510** (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, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/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 I/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, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/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, I/WE HEREBY authorize the attorneys/representatives that I/WE have empowered to prosecute this application to insert here in parentheses the country, application number, and official filing date (_____ Application No. _____, filed _____).

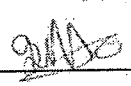
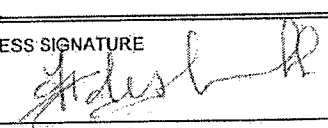

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| 1. FULL NAME OF SOLE OR FIRST ASSIGNOR Stefan J. Wulf | ASSIGNOR'S SIGNATURE | DATE |
| ADDRESS 1731 Kingsbury Road, Washington, IL 61571 | | CITIZENSHIP USA |
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| | | |
| 2. WITNESS NAME | WITNESS SIGNATURE | DATE |
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| ADDRESS 5803 North Haymeadow Court, 3B, Peoria, IL 61615 | | CITIZENSHIP USA |
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| 2. WITNESS NAME | WITNESS SIGNATURE | DATE | |
| ADDRESS | | CITIZENSHIP | |

| | | | |
|---|---|---|--|
| 4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Mallikharjuna Rao Boddu | | ASSIGNOR'S SIGNATURE  | DATE 24th July 2012 |
| ADDRESS 5727 North University Street, Peoria, IL 61614 | | | CITIZENSHIP INDIA |
| 1. WITNESS NAME INDRAJIT DESHMUKH | WITNESS SIGNATURE  | DATE 24th July 2012 | |
| ADDRESS 1500 W. BLUE SAGE DR., APT 1213, PEORIA IL 61615 | | CITIZENSHIP INDIA | |
| 2. WITNESS NAME SAMUEL WELE | WITNESS SIGNATURE  | DATE 24th July 2012 | |
| ADDRESS 2340 W. Carriage Ln, PEORIA IL 61614 | | CITIZENSHIP UGANDA | |