

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

| Name             | Execution Date |
|------------------|----------------|
| STEVEN C. BUDDE  | 09/28/2007     |
| BRIAN D. HOFF    | 10/05/2007     |
| BENJAMIN SCHMUCK | 10/05/2007     |

RECEIVING PARTY DATA

|                 |                  |
|-----------------|------------------|
| Name:           | CATERPILLAR INC. |
| Street Address: | 100 N.E. ADAMS   |
| City:           | PEORIA           |
| State/Country:  | ILLINOIS         |
| Postal Code:    | 61629-6490       |

PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 11864547 |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:

701392

NAME OF SUBMITTER:

PHILLIP M. PIPPENGER

Total Attachments: 4

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PATENT

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PATENT  
Attorney Docket No. 701392  
CAT Reference No. 06-586

Leydig, Voit & Mayer, Ltd.  
Two Prudential Plaza, Suite 4900  
180 North Stetson Avenue  
Chicago, Illinois 60601-6780

### ASSIGNMENT

Whereas, we,

Steven C. Budde, of: 724 S. Prairieview Dr., Dunlap, IL 61525;  
(Number and Street, or P.O. Box, City and State, ZIP Code)

Brian D. Hoff, of: 219 Justice Dr., East Peoria, IL 61611; and  
(Number and Street, or P.O. Box, City and State, ZIP Code)

Benjamin Schmuck, of: 690 Hillside Ave., Glen Ellyn, IL 60137;  
(Number and Street, or P.O. Box, City and State, ZIP Code)

have invented and own a certain invention entitled:

### HYDRAULIC BALANCING FOR STEERING MANAGEMENT

for which invention we have executed an application for a U.S. patent, which was filed on  
September 28, 2007, under U.S. Application No. 11/864,547, and

Whereas, Caterpillar Inc., of 100 N.E. Adams, Peoria, IL 61629-6490, hereinafter  
referred to as Assignee, is desirous of acquiring the entire domestic and foreign right, title, and  
interest in and under the invention described in the patent application.

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  
U.S. and every foreign country and the entire right, title, and interest in and to the patent  
application and other such applications (e.g., provisional applications, non-provisional  
applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National  
phase applications, including petty patent applications, and utility model applications) that may  
be filed in the United States and every foreign country on the invention, and the patents,  
extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do  
hereby authorize and request the Commissioner of Patents to issue U.S. patents 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 application number of the application if the date and number are unavailable at the time this  
document is executed.

In re Application of: Budde et al.  
Attorney Docket No.: 701392  
CAT Ref. No.: 06-586

Upon said consideration, we convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) 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 assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or choses 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 witness whereof, we have hereunder set our hands on the dates shown below.

Date 9/28/07

Steven C. Budde  
Steven C. Budde

Date 9/28/07

Steve M. Z...  
Witness

Date 9/28/07

Steve M. Z...  
Witness

In re Application of: Budde et al.  
Attorney Docket No.: 701392  
CAT Ref. No.: 06-586

In witness whereof, we have hereunder set our hands on the dates shown below.

Date: 5 Oct 2007

Brian D. Hoff  
Brian D. Hoff

Date: 10/05/07

[Signature]  
Witness

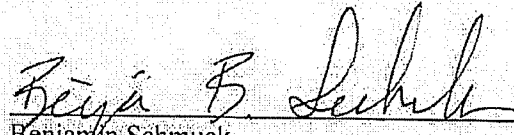
Date: 10-5-07

[Signature]  
Witness

In re Application of: Budde et al.  
Attorney Docket No.: 701392  
CAT Ref. No.: 06-586

In witness whereof, we have hereunder set our hands on the dates shown below.

Date 10-5-07

  
Benjamin Schmuck

Date 10/05/07

  
Witness

Date 10-5-07

  
Witness