

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Brian D. Hoff	12/16/2010
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:	12973413
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	706815
NAME OF SUBMITTER:	Pamela J. Ruschau
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PATENT
Attorney Docket No. 706815
CAT Reference No. 10-0136

Leydig, Voit & Mayer, Ltd.
Two Prudential Plaza, Suite 4900
180 North Stetson Avenue
Chicago, Illinois 60601-6731

ASSIGNMENT

Whereas, I,

Brian D. Hoff, of: 219 JUSTICE DR., EAST PEORIA, IL, 61611
(Number and Street, or P.O. Box, City and State, ZIP Code)

have invented and own a certain invention entitled:

CONTROL ARRANGEMENT AND METHOD OF CONTROLLING A TRANSMISSION IN
A MACHINE

for which invention we have executed an application for a U.S. patent, which was filed
on 12/20/10 under U.S. Application No. 12/973413; 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, I 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 I
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.

I 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.

Upon said consideration, I 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

In re Application of: Hoff
Attorney Docket No. 706815

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.

I hereby covenant and agree with the Assignee that I will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that I 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, I have hereunder set our hands on the dates shown below.

Date 16 Dec 2010

Brian D. Hoff
Brian D. Hoff

Date 16 Dec 2010

[Signature]
Witness

Date 16 Dec, 2010

[Signature]
Witness