

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Patrick Opdenbosch	10/18/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Caterpillar Inc.
<b>Street Address:</b>	100 N.E. Adams Street
<b>Internal Address:</b>	Intellectual Property Department
<b>City:</b>	Peoria
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	61629-9510
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13278894
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)408-4400
<b>Phone:</b>	202-408-4000
<b>Email:</b>	virginia.mcnelis@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>	
<b>Correspondent Name:</b>	CATERPILLAR/FINNEGAN, HENDERSON, L.L.P.
<b>Address Line 1:</b>	901 New York Avenue, NW
<b>Address Line 4:</b>	WASHINGTON, DISTRICT OF COLUMBIA 20001-4413
<b>ATTORNEY DOCKET NUMBER:</b>	08350.0365-00000
<b>NAME OF SUBMITTER:</b>	Virginia McNelis-Clark
<b>Total Attachments: 3</b> source=083500365assignment#page1.tif source=083500365assignment#page2.tif source=083500365assignment#page3.tif	

**PATENT**

**501699036**

**REEL: 027101 FRAME: 0860**

OP \$40.00 13278894

FORM PTO-1595  
1-31-92

RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office  
Attorney Docket No. 08350.0365-00000  
Attorney Customer Number: 58,982

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: <b>Patrick OPDENBOSCH</b>		2. Name and address of receiving party(ies): Name: <b>Caterpillar Inc.</b>	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Internal Address: <b>Intellectual Property Department</b>	
3. Nature of conveyance:		Street Address: <b>100 N.E. Adams Street</b>	
<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger	City: <b>Peoria</b>	
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name	State: <b>IL</b>	Zip Code: <b>61629-9510</b>
<input type="checkbox"/> Other:		Additional name(s) & Address(es) attached?	
Execution Date: <b>October 18, 2011</b>		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: **October 18, 2011**

A. Patent Application Number(s):

B. Patent Number(s):

Additional numbers attached?

☐ Yes ☒ No

4. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Christopher P. Isaac**

Total number of applications and registrations involved: **1**

5. Total fee (37 CFR 3.41): **\$40**

- ☒ Enclosed (Please charge deficiency to deposit account)  
☐ 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.**

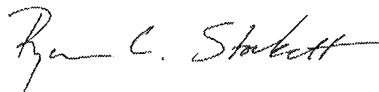
State: Zip: **20001**

6. Deposit Account No. **06-0916**

7. 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.

Ryan C. Stockett, Reg. No. 53,642



October 21, 2011

Signature

Date

Total number of pages including cover sheet, attachments and documents: **3**

## ASSIGNMENT

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

### HYDRAULIC SYSTEM HAVING FLOW COMBINING CAPABILITIES

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;

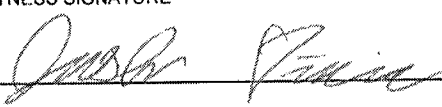
AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;


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 <b>Patrick OPDENBOSCH</b>	ASSIGNOR'S SIGNATURE 	DATE <b>10/18/2011</b>
ADDRESS <b>2401 W. Alta Road, Apt. 2603, Peoria, IL 61615</b>		CITIZENSHIP <b>COLOMBIA</b>

1. WITNESS NAME	WITNESS SIGNATURE	DATE
Joshua Dierking		10/17/2011
ADDRESS		CITIZENSHIP
1110 N Eastline Pl		USA
Peoria, IL, 61606		

2. WITNESS NAME	WITNESS SIGNATURE	DATE
Matthew Kontz		10/18/2011
ADDRESS		CITIZENSHIP
13702 N Dover Ln		USA
Chillicothe, IL 61523		