FORM PTO-1595 U.S. Department of Commerce 07-06-2005 1-31-92 **Patent and Trademark Office** Attorney Docket No. 08350.5188 Attorney Customer Number: 22,852 To the Director of the U.S. Patent and Mail Stop Assignment Recordation Services Please record the attached original do 103034457 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): David D. Tallon Caterpillar Inc. Name: Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No Internal Address: Intellectual Property Department 3. Nature of conveyance: Street Address: 100 N.E. Adams Street Ø Assignment Merger City: Peoria Security Change of Name IL State: Zip Code: 61629-6490 Agreement Other: Additional name(s) & Address(es) attached? **Execution Date:** June 28, 2005 ☐ Yes ☑ 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: June 28, 2005 Patent Application Number(s): B. Patent Number(s): Additional numbers attached? ☐ Yes ☑ No Name and address of party to whom correspondence Total number of applications and registrations 4. 5. concerning document should be mailed: involved: 1 Name: 6. Total fee (37 CFR 3.41): \$40 06/29/2005 EAYALEW1 00000052 11167136  $\boxtimes$ Enclosed (Please charge deficiency to deposit 05 FC:8021 40.00 DI account) Authorized to be charged to deposit account Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. Street Address: 901 New York Avenue City: Washington, D.C. State: 20001-4413 7. Zip: Deposit Account No.: 06-0916

8. 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 June 28, 2005

Signature

Date

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

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.5188 Client Ref. No. 05-188

## **ASSIGNMENT**

WHEREAS I, the below named inventor, [hereinafter referred to as Assignor], have made an invention entitled:

## COOLING SYSTEM HAVING A PIVOTAL HEAT EXCHANGER

| for which I executed an application for United Sta<br>States Letters Patent on (Serial No  | ites Letters Patent concurrently herewith or filed); and   | an application for United   |  |
|--|--|---|--|
| WHEREAS, Caterpillar Inc., a corporation Department, 100 N.E. Adams Street, Peorla, IL securing the entire right, title, and interest in and application for United States Letters Patent on this  | to this invention in all countries throughout the w  | ee), is desirous of<br>vorid, and in and to the   |  |
| other good and valuable consideration the receipt<br>sold, assigned, transferred, and set over, and do<br>successors and assigns, my entire right, title, and  | hereby sell, assign, transfer, and set over unto the interest in and to this invention, provisional appoissions, and continuations thereof, and all Letters saues thereof, and all rights to claim priority on the basis of this application, is invention in any foreign country and all Letters and all extensions, renewals, and reissues thereof ademarks of the United States and any official of as described above, to issue all Letters Patent for | ed, I, as Assignor, have the Assignee, its lawful lication Serial No.  Patent of the United he basis of the above, and all applications for Patent which may be of; and I hereby authorized any foreign country |  |
| AND, I HEREBY covenant that I have the have not executed and will not execute any agree  | e full right to convey the interest assigned by this<br>ement in conflict with this Assignment;  | Assignment, and I/We  |  |
| AND, I HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me 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 the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns. |  |   |  |
| IN TESTIMONY WHEREOF, I have here  | unto set my hends.   |   |  |
| FULL NAME OF SOLE OR FIRST ASSIGNOR     David D. Tallon  | PSIGNOR'S SIGNATURE LOS  | PATE 6/28/05  |  |
| ADDRESS<br>525 Greystone, Washington, IL B1571   |  | CITIZENSHIP<br>U.S.   |  |
|  |  |   |  |

Listing of Inventors Continued on Page 2 hereof 🗆 Yes 🖾 No

Page 1 of 2

PATENT REEL: 016739 FRAME: 0319

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.5188 Client Ref. No. 05-188

| 1. WITHESS NAME Hober                        | WITHESS SIGNATURE JOUR DESCRIPTION | 25 Jun 2005      |  |
|--|------------------------------------|------------------|--|
| ADDRESS St Washington                        | IL 6157                            | CITIZENSHIP U.S. |  |
|  |                                    |                  |  |
|  |                                    |                  |  |
| 2. WITNESS NAME                              | WITNESS SIGNATURE                  | DATE             |  |
| PAUL J. BYRNE                                | Yould Dyne                         | JUNE 28, 2006    |  |
| PAUL J. BYRNE  <br>ADDRESS 5415 W. ANCIENT O | Yould Dyme                         |                  |  |

Page 2 of 2

**RECORDED: 06/28/2005** 

PATENT REEL: 016739 FRAME: 0320