| (Rev. 03/01)   | 28 - 2003  U.S. DEPARTMENT OF COMMERCE  U.S. Patent and Trademark Office   |  |
|--|--|--|
| Total Marie Control of the Control o |  |  |
| Tab settings   To the Honorable Commissioner of Palents and Mademarks: Please Record the attached original documents or copy thereof.  |  |  |
| 1. Name of conveying party(ies): Thomas M. Baker Brian D. Hoff Sivaprasad Akasam  Additional name of conveying party(ies) attached?  Yes  No   | Name and address of receiving party(ies)  Name: Caterpillar, Inc. Patent Department  Internal Address:                     |  |
| 3. Nature of conveyance:   | Street Address: 100 NE Adams Street  City: Peoria State: IL Zip: 61629  Additional Name(s) & address(es) attached?  Yes No |  |
| 4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution data of the application is: 10-10-02  A. Patent Application No.(s)  B. Patent No.(s)    O/309,90     Additional numbers attached? □ Yes ☒ No   |  |  |
| Name and address of party to whom correspondence concerning this document should be mailed:  | 6. Total number of applications and patents involved: 1  |  |
| Name: Michael B. McNeil  | 7. Total fee (37 CFR 3.41) \$  |  |
| Internal Address: <u>Liell &amp; McNeil Attorneys PC</u>   | <ul> <li>☑ Enclosed</li> <li>☐ Authorized to be charged to deposit account</li> </ul>                                      |  |
| Street Address: P.O. Box 2417  | 8. Deposit account number: 500226  |  |
| City: Bloomington State: IN Zip: 47402   | (Attach duplicate copy of this page if paying by deposit account)  |  |
| DO NOT USE THIS SPACE  |  |  |
| 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.  Michael B. McNeil  Name of Person Signing  Signature  Date  Total pumber of pages including cover sheet, attachments, and documents:  Mail documents to be recorded with required cover sheet information to:  Commissioner of Patents & Trademarks, Box Assignments  |  |  |
| Washington, D.C. 20231   |  |  |

<u>0</u>1-811

## **ASSIGNMENT**

WHEREAS, Thomas M. Baker, residing at Peoria, Illinois, hereinafter referred to ASSIGNOR has invented together with Brian D. Hoff and Sivaprasad Akasam a new and useful

A CONTROL SYSTEM FOR, AND A METHOD OF, HEATING AN OPERATOR STATION OF A WORK MACHINE

for which ASSIGNOR has made or will make application for Letters Patent of the United States; and WHEREAS, Caterpillar Inc., a Delaware corporation having a place of business at Peoria, State of Illinois, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and any Letters Patent granted thereon by the United States of America and any foreign country;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR;

- 1. ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue or extension thereof, together with the right to file applications and obtain patents for said invention in any foreign country, and covenant that ASSIGNOR has the full right to do so.
- 2. At the request and expense of ASSIGNEE, ASSIGNOR agrees to communicate to ASSIGNEE any facts known respecting said invention, to execute all papers necessary to file any application on said invention necessary or desirable to aid ASSIGNEE in obtaining and enforcing proper protection for said invention in the United States of America and any foreign country.
- 3. ASSIGNOR hereby authorizes and requests the COMMISSIONER OF PATENTS AND TRADEMARKS to issue the United States Letters Patent on said invention, when granted, to Caterpillar Inc.
- 4. This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

| IN WITNESS OF the execution hereof by TH   | OMAS M. BAKER we have hereunto set our hands. |
|--|---|
| Johnshum 10/10/02                          | 12/10/02                                      |
| Witness (1) Date Address: 3908 Walround La | Witness (2) Date Address: BB LOCVST RIOGE CT. |
| Peorla 76 8615                             | MORTON, IL 6/500                              |
|  | U.S.A.  |

## **ASSIGNMENT**

WHEREAS, Brian D. Hoff, residing at East Peoria, Illinois, hereinafter referred to ASSIGNOR has invented together with Thomas M. Baker and Sivaprasad Akasam a new and useful

A CONTROL SYSTEM FOR, AND A METHOD OF, HEATING AN OPERATOR STATION OF A WORK MACHINE

for which ASSIGNOR has made or will make application for Letters Patent of the United States; and WHEREAS, Caterpillar Inc., a Delaware corporation having a place of business at Peoria, State of Illinois, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and any Letters Patent granted thereon by the United States of America and any foreign country;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR;

- 1. ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue or extension thereof, together with the right to file applications and obtain patents for said invention in any foreign country, and covenant that ASSIGNOR has the full right to do so.
- 2. At the request and expense of ASSIGNEE, ASSIGNOR agrees to communicate to ASSIGNEE any facts known respecting said invention, to execute all papers necessary to file any application on said invention necessary or desirable to aid ASSIGNEE in obtaining and enforcing proper protection for said invention in the United States of America and any foreign country.
- 3. ASSIGNOR hereby authorizes and requests the COMMISSIONER OF PATENTS AND TRADEMARKS to issue the United States Letters Patent on said invention, when granted, to Caterpillar Inc.
- 4. This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

BRIAN D. HOFF

Date

IN WITNESS OF the execution hereof by BRIAN D. HOFF we have hereunto set our hands.

Witness (1)

Date

Witness (2)

Address: 55 Locust Rove CT

Recrue, 71 61615

Mirrow. It, 61550

USA

## **ASSIGNMENT**

WHEREAS, Sivaprasad Akasam, residing at Mossville, Illinois, hereinafter referred to ASSIGNOR has invented together with Thomas M. Baker and Brian D. Hoff a new and useful

A CONTROL SYSTEM FOR, AND A METHOD OF, HEATING AN OPERATOR STATION OF A WORK MACHINE

for which ASSIGNOR has made or will make application for Letters Patent of the United States; and WHEREAS, Caterpillar Inc., a Delaware corporation having a place of business at Peoria, State of Illinois, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and any Letters Patent granted thereon by the United States of America and any foreign country;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR;

- 1. ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue or extension thereof, together with the right to file applications and obtain patents for said invention in any foreign country, and covenant that ASSIGNOR has the full right to do so.
- 2. At the request and expense of ASSIGNEE, ASSIGNOR agrees to communicate to ASSIGNEE any facts known respecting said invention, to execute all papers necessary to file any application on said invention necessary or desirable to aid ASSIGNEE in obtaining and enforcing proper protection for said invention in the United States of America and any foreign country.
- 3. ASSIGNOR hereby authorizes and requests the COMMISSIONER OF PATENTS AND TRADEMARKS to issue the United States Letters Patent on said invention, when granted, to Caterpillar Inc.
- 4. This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

RECORDED: 01/22/2003