

03-23-2000

FORM 1-31-



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

ION FORM COVER SHEET PATENTS ONLY

101297505

2-24-00

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Jeff A. Steinmann Additional Names attached: [] Yes [X] No

2. Name and address of receiving party(ies): Name: Caterpillar Inc. Internal Address: Intellectual Property Department Street Address: 100 N.E. Adams Street City: Peoria State: Illinois Zip: 61629-6490

3. Nature of Conveyance: [X] Assignment [] Security Agreement [] Other Execution Date(s): 02/03/2000

Additional name(s) & addresses attached? [] Yes [X] No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is 02/03/2000.

A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? [] Yes [X] No

Title of Invention: APPARATUS AND METHOD OF COOLING A WORK MACHINE Attorney Docket No.: 98-432

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Byron G. Buck II CATERPILLAR INC. Internal Address: Intellectual Property Dept. Street Address: 100 N. E. Adams Street City: Peoria State: IL Zip: 61629-6490

6. Total number of applications and patents involved [1]

7. Total fee (37 CFR §3.41) \$ 40.00 [] Enclosed [X] Authorized to be charged to deposit account

8. Deposit account number: 03-1129 (If charged duplicate copy attached)

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.

Byron G. Buck II Name of Person Signing [Signature] Signature 02/23/2000 Date

Total number of pages comprising cover sheet, attachments, and document: [2]

Mail document to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231

U.S. PTO 09/512533 02/24/00

03/23/2000 DNGUYEN 00000057 031129 09512533

01 FC:581 40.00 CH

PATENT REEL: 010619 FRAME: 0009

ASSIGNMENT

WHEREAS, JEFF A. STEINMANN, residing at Yorkville, Illinois, hereinafter referred to as ASSIGNOR, has invented a new and useful

APPARATUS AND METHOD OF COOLING A WORK MACHINE

for which ASSIGNOR is about to file an international application and/or make application for Letters Patent in the United States of America, such invention being described and identified by said application having an attached International Application Request and/or an attached Declaration and Power of Attorney executed by ASSIGNOR on February 3, 2000; 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;

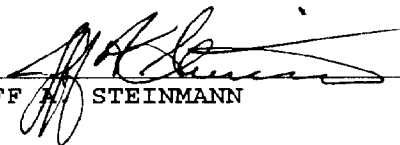
1. ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue 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.




JEFF A. STEINMANN

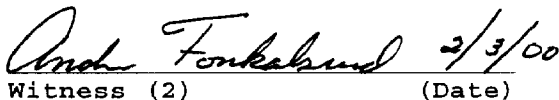
03 FEB 00

Date

IN WITNESS OF the execution hereof by JEFF A. STEINMANN we have hereunto set our hands.

 2-3-00

Witness (1) (Date)

 2/3/00

Witness (2) (Date)

Address: 16 Walnut Circle
Aurora, IL 60506

Address: 306 Mulhern Ct
Yorkville IL 60560