12-31-2001 U.S. Department of Commerce FORM PTO-1619A Patent and Trademark Office Expires 06/30/99 OMB 0651-0027 PATENT 101927861 IUN FORM COVER SHEET REC PATENTS ONLY The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(i Submission Type Conveyance Type x X Assignment **Security Agreement** New Resubmission (Non-Recordation) License Change of Name Document ID# Correction of PTO Error Merger Other Reel # Frame # U.S. Government **Corrective Document** (For Use ONLY by U.S. Government Agencies) Reel # Frame # Departmental File Secret File Mark if additional names of conveying parties attached Execution Date

Month Day Year Conveying Party(ies) Name (line 1) Cornelius N. Opris 11/01/2001 Name (fine 2) Execution Date Month Day Year Second Party Name (line 1) Name (line 2) Receiving Party Mark if additional names of receiving parties attached If document to be recorded Name (line 1) | Caterpillar Inc. is an assignment and the receiving party is not Name (line 2) Intellectual Property Department domiciled in the United States, an appointment of a domestic Address (line 1) | 100 N.E. Adams Street representative is attached. (Designation must be a separate document from Address (line 2) Assignment.) Address (line 3) Peoria Illinois 61629-6490 State/Country **Domestic Representative Name and Address** Enter for the first Receiving Party only. Name Address (line 1) Address (line 2) Address (line 3) Address (line 4) FOR OFFICE USE ONLY 12/28/2001 ANNED1 00000063 031129 09995566 40.00 CH 01 FC:581

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U.S. Department of Commerce Patent and Trademark Office PATENT

Correspondent Name and Address Area Code and Telephone Number (309) 675-5187
Name Jason J. Stanley
Address (line 1) Caterpillar Inc.
Address (line 2) Intellectual Property Department
Address (line 3) 100 N. E. Adams Street
Address (line 4) Peoria, IL 61629-6490
Pages Enter the total number of pages of the attached conveyance document including any attachments. # 1
Application Number(s) or Patent Number(s) Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).
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If this document is being filed together with a <u>new</u> Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year
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Number of Properties Enter the total number of properties involved. # 1
Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00
Method of Payment: Enclosed Deposit Account X Deposit Account
(Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: # 03-1129
Docket No. 00-409 Authorization to charge additional fees: Yes X No
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. Charges to deposit account are authorized, as indicated herein.
Jason J. Stanley Jaun J. Alulla 11/27/2001
Name of Person Signing Signature Date

ASSIGNMENT

WHEREAS, Cornelius N. Opris, residing at Peoria, Illinois, hereinafter referred to as ASSIGNOR, has invented a new and useful

PISTON COOLING FIN

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; 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.
Combasticator This 11/01/2001
11/01/200
CORNELIUS N. OPRIS Date
IN WITNESS OF the execution hereof by CORNELIUS N. OPRIS we have hereunto set our hands.
Witness (1) Date Witness (2) Date Nov 2001 Date
Witness (1) Data Witness (2) Data
Address: 10509 N. SCHOPP, Address: 407 S French Dr
PEORIA IL 61615 Onalap (L 61525

RECORDED: 11/27/2001

PATENT REEL: 012396 FRAME: 0758