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	and Trademarks: Please record the attached original documents or copy thereof.
Name of conveying party(ies):	2. Name and address of receiving party(ies):
Burton R. Clarke	Name:
Ryan P. Allgaier	Caterpillar Inc. Internal Address:
	100 NE Adams Peoria IL 61629-6490
	Feoria 11 01025-0450
-	-, -,
Additional name(s) of conveying party(ies) attached?	Yes X No
3. Nature of conveyance:	
X Assignment Me	erger
Security Agreement Ch	nange of Name
Other	A SALVA MARIA MARI
11/03/2005	
Execution Date: 11/03/2005	
	Additional name(s) & address(es) 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: 11/03/2005
A. Patent Application No.(s)	B. Patent No.(s)
Addit	tional numbers attached? Yes X No
5. Name and address of party to whom correspondence	espondence 6. Total number of applications and patents involved:
concerning document should be mailed:	
	7. Total fee (37 CFR 3.41) \$ 40.00
	Enclosed
Steve D. Lundquist	
Caterpillar Inc. Intellectual Property Department, i	x Authorized to be charged to deposit account
100 N. E. Adams Street	
Peoria IL 61629-6490	Deposit account number:
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D21 40.00 DA	03-1129
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9. Signature.	
9. Signature.	Docket Number: 04-523.1
9. Signature.	
	Docket Number: 04-523.1
9. Signature. Steve D. Lundquist Name of Person Signing	

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

ASSIGNMENT

WHEREAS, Burton R. Clarke and Ryan Allgaier, residing respectively at Cuba, Illinois and East Peoria, Illinois, hereinafter referred to as ASSIGNORS, have invented a new and useful

CROSS CORRELATION DIAGNOSTICS TOOL FOR VIBRATION ANALYSIS

for which ASSIGNORS are 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 ASSIGNORS on 11/3/2005 and 11/3/2005; 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 ASSIGNORS from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNORS;

- 1. ASSIGNORS hereby sell, assign, transfer and convey 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 ASSIGNORS have the full right to do so.
- 2. At the request and expense of ASSIGNEE, ASSIGNORS agree 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. ASSIGNORS hereby authorize and request 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 ASSIGNORS, ASSIGNORS' heirs and legal representatives.

PATENT REEL: 017247 FRAME: 0614

IN TESTIMONY WHEREOF, ASSIGNORS have executed this instrument.

RECORDED: 11/10/2005

BURTON R. CLARKE	11-3-2005 Date	
IN WITNESS OF the execution hereof by BURTON R. CLARKE we have hereunto set our hands.		
Witness (1) Date	$\frac{\sqrt{\cos(k)} \cdot B}{\text{Witness (2)}}$	
Address: 406 W. LANDAGE Cice	Address: 112 Hilldele Washiston, IL 61570	
RORIA EL 6160V	Wash ston, IL 61570	
RYAN P. ALLGAJER	Woreplan 3,2005 Date	
IN WITNESS OF the execution hereof by RYAN P. ALLGAIER we have hereunto set our hands.		
Witness (1) Date	V	
Address: 16877 Spring FIELD RD	Address: 5503, N. Ramble wood CT	
PEKIN IL 61554	Address: 5503, N. Ramble wood CT Persona, IL-6/6/5	

PATENT REEL: 017247 FRAME: 0615