FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

10-04-2001



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U.S. Department of Commerce Patent and Trademark Office

PATENT

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Reel # Frame #	Departmental File Secret File		
Conveying Party(ies)	Mark if additional names of conveying parties attached Execution Date		
Name (line 1) William L. Brown	Month Day Year 09/20/2001		
Name (line 2)	Formation Post		
Second Party	Execution Date Month Day Year		
Name (line 1)	/ 2833		
Name (line 2)			
Receiving Party	Mark if additional names of receiving parties attached		
Name (line 1) Caterpillar Inc.	If document to be recorded is an assignment and the		
Name (in a)	receiving party is not domiciled in the United		
Name (line 2) Intellectual Property Departme	States, an appointment		
Address (line 1) 100 N.E. Adams Street	of a domestic representative is attached. (Designation must be a		
Address (line 2)	separate document from Assignment.)		
Address (line 3) Peoria Illi	nois 61629-6490 Zip Code		
Domestic Representative Name and Addres			
Name			
Name			
Address (line 1)			
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Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments , Washington, D.C. 20231

gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

PATENT

REEL: 012210 FRAME: 0853

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Expires 06/3	30/99
OMD 0661	0027

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

Correspondent Name and Address Area Code and Teleph	none Number (309) 675-5214			
Name Robert J. Hampsch				
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 convinctuding any attachments.	/eyance document # 3			
Application Number(s) or Patent Number(s)	Mark if additional numbers attached			
Enter either the Patent Application Number or the Patent Number (DO NOT ENTE				
Patent Application Number(s)	Patent Number(s)			
If this document is being filed together with a <u>new</u> Patent Application, enter the date t signed by the first named executing inventor.	he patent application was Month Day Year 09/20/2001			
Patent Cooperation Treaty (PCT)				
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only if a U.S. Application Number PCT has not been assigned.	PCT PCT			
Number of Properties Enter the total number of properties	involved. # 1			
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$40.00				
Method of Payment: Enclosed Deposit Account	count X			
(Enter for payment by deposit account or if additional fees can be charged to t Deposit Account Number:	# 03-1129			
Docket No. 99-270 Authorization to charge add	ditional fees: Yes X No			
Statement and Signature				
To the best of my knowledge and belief, the foregoing informattached copy is a true copy of the original document. Charing indicated herein.	nation is true and correct and any ges to deposit account are authorized, as			
Robert J. Hampsch	09/25/2001			
Name of Person Signing Signature	Date			

PATENT REEL: 012210 FRAME: 0854

ASSIGNMENT

WHEREAS, William L. Brown, residing at Dunlap, Illinois, hereinafter referred to as ASSIGNOR, has invented a new and useful

METHOD AND SYSTEM FOR EXTENDING ENGINE OIL LIFE

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 September 20, 2001; 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.

9/20/01

IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

William & Banon

RECORDED: 09/25/2001

WILLIAM L. BROWN Date	
IN WITNESS OF the execution hereof by WILLIAM L. BROWN we have hereunto set our	r hands.
Witness (1) 9-20-2001 BE trawbrid 9/20/2 Witness (2) Date Date	اص
Witness (1) Date Witness (2) Date	
Address: 6835 N. Terra Vista Aptions Address: 12300 N. Brentfield Dr	<u>`</u>
Peoria, IL 61614 USA Apt. 123	
Dunlap IL 61525 US	<u> </u>

PATENT REEL: 012210 FRAME: 0855