FORM PT0-1595 1-31-92

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1. Name of conveying party(ies):	3. Name and address of acceptance	
	2. Name and address of receiving party(ies):	
Darwin R. Carrell Larry E. Kendrick	Name: <u>Caterpillar Inc.</u>	
Michael S. Lukich	Internal Address:	
Kirk S. Shively	Intellectual Property Department	
Additional Names attached: [] Yes [X] No	Street Address: 100 N.E. Adams Street	
3. Nature of Conveyance:	City: <u>Peoria</u> State: <u>Illinois</u>	
<pre>[X] Assignment [] Security Agreement [] Other</pre>	Zip: 61629-6490 Additional name(s) & addresses attached? [] Yes [X] No	
Execution Date(s): 12/14/98		
4. Application number(s) or patent number(s):		
If this document is being filed together with a application is 12/14/98.	new application, the execution date of the	
A. Patent Application No.(s)	B. Patent No.(s)	
Additional number	s attached? [] Yes [X] No	
	R DETERMINING A VISCOSITY OF AN ACTUATING FLUID	
Attorney Docket No.: 98-198		
 Name and address of party to whom correspon- dence concerning document should be mailed: 	6. Total number of applications and patents involved [1]	
Name and address of party to whom correspondence concerning document should be mailed: Name: W. Bryan McPherson III CATERPILLAR INC.	involved [1]	
dence concerning document should be mailed: Name: W. Bryan McPherson III CATERPILLAR INC.	7. Total fee (37 CFR §3.41) \$ 40.00	
Name: W. Bryan McPherson III CATERPILLAR INC. Internal Address: Intellectual Property Dept.	involved [1]	
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Name: W. Bryan McPherson III CATERPILLAR INC. Internal Address: Intellectual Property Dept.	7. Total fee (37 CFR §3.41) \$ 40.00 [] Enclosed [X] Authorized to be charged to deposit account 8. Deposit account number: 03-1129	
Name: W. Bryan McPherson III CATERPILLAR INC. Internal Address: Intellectual Property Dept. Street Address: 100 N. E. Adams Street	7. Total fee (37 CFR §3.41) \$ 40.00 [] Enclosed [X] Authorized to be charged to deposit account	
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ASSIGNMENT

WHEREAS, DARWIN R. CARRELL; LARRY E. KENDRICK; MICHAEL S. LUKICH; and KIRK S. SHIVELY, residing respectively at Edwards, Illinois; Peoria, Illinois; Chillicothe, Illinois; and Dunlap, Illinois, hereinafter referred to as ASSIGNORS, have invented a new and useful

METHOD AND APPARATUS FOR DETERMINING A VISCOSITY OF AN ACTUATING FLUID

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

December	14,	1998	December 14, 1998		
December	14,	1998	, and December 14, 1998	;	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.

IN TESTIMONY WHEREOF, ASSIGNORS have executed this instrument.

DARWIN R. CARRELL	12/14/98 Date			
IN WITNESS OF the execution hereof by <u>DARWIN R. CARRELL</u> we have hereunto set our hands.				
Witness (1) Marting 12/14/98 (Date)	En aputchisar 12/14/98 Witness (2) (Date)			
Address: 6516 N. University Apt - 0	Address: 2'09 W. CRES WOOD Die			
Pecria, I. 61614	PEORIA, 16 61614			
LARRY E KENDRICK	12/14/98 Date			
IN WITNESS OF the execution hereof by \underline{LARRY} E. $\underline{KENDRICK}$ we have hereunto set our hands.				
Witness (1) (Date) (Date)	Ecilea A- (12/14/98) Witness (2) (Date)			
Address: 311 Circuit Ct.	Address: 217 E. Caterpiller Inal			
Peoria, IL 6/6/1	E. Propin, DL colleis			
Muhael S. LUKICH	/2 /14 198 Date			
IN WITNESS OF the execution hereof by MICHAEL S. LUKICH we have hereunto set our hands.				
Sue C. Jensen, 12/14/98 Witness (1) (Date)	(Date)			
Address: 10717 N. Lauraline Ct.	Address: 10709 N. Dana Dr.			
Peoria, IL 61615	Peoria, IL 6/6/5			

Kih S. Shirf 12/14/98
Date

IN WITNESS OF the execution hereof by KIRK S. SHIVELY we have hereunto set

July Am Kent 12/14/98 (Eccle All) de cargo 12/14/98
Witness (1) (Date) Witness (2) (Date)

Address: 542 WHOMERADOW LA ADB Address DO E. Cateron (In Tre?

Peoria IL 61615

E. Franci FL 11111

RECORDED: 12/15/1998