

## 04-14-1999



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	Name of Person Signing  Total number of pages comprising cover sheet, as	Signature Date ttachments, and document: [4]					
C:581	W. Bryan McPherson III	M Shew 14 03/31/99					
4/1999 J9	attached copy is a true copy of the original docu HABAZZ 00000036 031129 09282381						
	7. Statement and signature:  To the best of my knowledge and belief, the foreg	oing information is true and correct and any					
ŀ	9. Statement and signature:	<b>.</b>					
1	Zip: 61629-6490	(If charged duplicate copy attached)	-				
	Street Address: 100 N. E. Adams Street  City: Peoria State: IL	8. Deposit account number: 03-1129					
	Internal Address: Intellectual Property Dept.	[ ] Enclosed [X] Authorized to be charged to deposit account					
	Name: W. Bryan McPherson III CATERPILLAR INC.	7. Total fee (37 CFR §3.41) \$ 40.00	··				
	5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved [1]					
	Attorney Docket No.: 99-114	12.2					
	Title of Invention: METHOD AND APPARATUS FOR DETERMINING THE STATUS OF A RELIEF VALVE						
	Additional numbers attached? [ ] Yes [X] No						
	A. Patent Application No.(s)	B. Patent No.(s)					
	If this document is being filed together with a new application, the execution date of the application is 03/31/99.						
	4. Application number(s) or patent number(s):						
		Additional name(s) & addresses attached? [ ] Yes [X] No					
	Execution Date(s): 03/31/99						
	<pre>[X] Assignment [] Security Agreement [] Other</pre>	Zip: <u>61629-6490</u>					
	3. Nature of Conveyance:	City: Peoría State: Illino	is				
	Additional Names attached: [ ] Yes [X] No	Street Address:  100 N.E. Adams Street					
	Patrick M. Pecchio Richard J. Skiba	Intellectual Property Department	3ds				
	Steven R. Genseal Steven R. Krause	Internal Address:	542				
	Kenneth L. Stratton	Name: <u>Caterpillar Inc.</u>	9/28238				
	<ol> <li>Name of conveying party(ies):</li> </ol>	2. Name and address of receiving party(ies):					

## ASSIGNMENT

WHEREAS, KENNETH L. STRATTON; STEVEN R. GENSEAL; STEVEN R. KRAUSE; PATRICK M. PECCHIO; and RICHARD J. SKIBA, residing respectively at Dunlap, Illinois; Chillicothe, Illinois; Peoria, Illinois; and Peoria, Illinois, hereinafter referred to as ASSIGNORS, have invented a new and useful

METHOD AND APPARATUS FOR DETERMINING THE STATUS OF A RELIEF VALVE

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

March 31,	1999		March	31,	1999	
March 31,	1999,		March	31,	1999	 and
		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: 9874 FRAME: 0862 IN TESTIMONY WHEREOF, ASSIGNORS have executed this instrument.

KENNETH L. STRATTON	3-3/-99 Date
IN WITNESS OF the execution hereof by set our hands.	KENNETH L. STRATTON we have hereunto
Fr Knully 3-31-97 Witness (1) (Date)	Penfægu lee 3/31/99 Witness (2) (Date)
Address: 2115 W WILLOW KNOWS OR	Address: 1395 Exeter Court
APT 213 B	Trement Illinois 61568
PEORIA IL 6/6/4	
Steven R. GENSEAL	3/31/99 Date
IN WITNESS OF the execution hereof by our hands.	STEVEN R. GENSEAL we have hereunto set
# Kundly 3-31-11 Witness (1) (Date)	Jen Jue us ly 3/31/99 Witness (2) (Date)
Address: 2215 W WILLOW KNOWS DA	Trement, I Chios 61568
PE-RIA 12 6/6/4	
Steven frame STEVEN R. KRAUSE	3-3/-99 Date
IN WITNESS OF the execution hereof by our hands.	STEVEN R. KRAUSE we have hereunto set
Randy Attalow 3/31/99 Witness (1) (Date)	Witness (2) (Date)
Address: 1/607 W JUBILEE	Address: 908 SWBURST CA
COLLEGE Rd	WASHINGTON IL 61571
BRIMFIELL IL 61517	

PATENT REEL: 9874 FRAME: 0863

PATRICK M. PECCHIO	Date
IN WITNESS OF the execution hereof by set our hands.	PATRICK M. PECCHIO we have hereunto
Rustines 3/31/99 Witness (1) (Date)	Witness (2) (Date)
Witness (1) / (Date)	Witness (2) (Date)
Address: 1626 N. Knollwood Cf	Address: 420 & Saita Fe Rd
PEONIA IL 61604	CHillicetto FC
275liler	3/3//99
RICHARD J. SKIBA	Date
IN WITNESS OF the execution hereof by I	RICHARD J. SKIBA we have hereunto set
Thomas Kelly 3/31/99 Witness (2) (Date)	Jetashul Shah 3/31/99 Witness (2) (Date)
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120 Kla, 12 61615	Peona, 12 61614

728 Ecchio 3/31/99

**RECORDED: 03/31/1999** 

PATENT REEL: 9874 FRAME: 0864