FORM PTO-1595 NLD 1-31-92 11-13-9 Y

11-19-1998

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner c documents or copy thereof.	03120 :he attached original						
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):						
Jerry F. Smith	Name: Caterpillar Inc.						
David S. Suckow Additional Names attached: [] Yes [X] No	Internal Address: Intellectual Property Department						
	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						
Execution Date(s): 11/10/98	Additional name(s) & addresses most attached? [] Yes [X] No						
 Application number(s) or patent number(s): 	JOC .						
If this document is being filed together with a application is <u>11/10/98</u> .	new application, the execution date of the						
A. Patent Application No.(s) B. Patent No.(s)							
Additional numbers attached? [] Yes [X] No							
Title of Invention: DIFFERENTIAL LOCK CONTROL SYSTEM UDE							
Attorney Docket No.: 97-317	400						
Name and address of party to whom correspon- dence concerning document should be mailed:	6. Total number of applications and patents involved [1]						
Name: <u>R. Carl Wilbur</u> CATERPILLAR INC.	7. Total fee (37 CFR §3.41) \$ 40.00 [] Enclosed [X] Authorized to be charged to deposit account						
Internal Address: <u>Intellectual Property</u> <u>Department</u>							
Street Address: 100 N. E. Adams Street	8. Deposit account number: 03-1129						
City: <u>Peoria</u> State: <u>IL</u>							
Zip: <u>61629-6490</u>							
9. 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.							
R. Carl Wilbur Name of Person Signing 11/11/98 Signature Date							
Total number of pages comprising cover sheet,	Total number of pages comprising cover sheet, attachments, and document: [3]						
Mail document to be recorded with required cover sheet information to:							
Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231							

11/19/1998 SBURMS 00000062 031129 09191077 40.00 CH

> **PATENT REEL: 9584 FRAME: 0152**

ASSIGNMENT

WHEREAS, JERRY F. SMITH; and DAVID S. SUCKOW, residing respectively at Clinton, Illinois; and Decatur, Illinois, hereinafter referred to as ASSIGNORS, have invented a new and useful

DIFFERENTIAL LOCK CONTROL SYSTEM

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

November 10, 1998

November 10,	1998		_,	and No	vember 10, 1	.998			_;	and
WHEREAS,	CATERPILLAR	INC.,	а	Delaware	corporation	having	a	place	of	:

November 10, 1998

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;

- 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.
- 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.
- 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.
- 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: 9584 FRAME: 0153** IN TESTIMONY WHEREOF, ASSIGNORS have executed this instrument.

JERRY F. SMITH	Date 98
IN WITNESS OF the execution hereof by gour hands.	0
Witness (1) (Date)	Witness (2) (Date)
Address: 25 32 breaks 2.	Address: 460 E Town to 11 Rd
_ Luxun, St.	1) letumora 16 61548
62521	
DAVID S. SUCKOW	10 2 Cor 18 Date
IN WITNESS OF the execution hereof by I our hands.	DAVID S. SUCKOW we have hereunto set
	Witness (2) (Date)
Address: 7532 Buths 12	Address: 460 F. Townhall Rel
Decien, De	Metumory 16 61548
62571	

RECORDED: 11/12/1998

PATENT REEL: 9584 FRAME: 0154