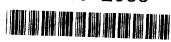
FORM PT0-1595 1-31-92



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

101368650

To the Honorable Commissioner of Patents and Tradem documents or copy thereof.	arks. Please record the attached original					
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):					
Willibald G. Berlinger Francis J. Raab	Name: <u>Caterpillar Inc.</u>					
Additional Names attached: [ ] Yes [X] No	Internal Address:  Intellectual Property Department					
5-17-00	Street Address:  100 N.E. Adams Street					
3. Nature of Conveyance:	City: Peoria State: Illinois					
<pre>[X] Assignment [ ] Security Agreement [ ] Other</pre>	Zip: <u>61629-6490</u>					
Execution Date(s): 05/08/2000 and 05/11/2000	Additional name(s) & addresses attached? [] Yes [X] No					
4. Application number(s) or patent number(s):	9/572,476					
If this document is being filed together with a rapplication is $05/08/2000$ and $05/11/2000$ .						
A. Patent Application No.(s)	B. Patent No.(s)					
Additional numbers	s attached? [ ] Yes [X] No					
Title of Invention: FREE PISTON ENGINE WITH	ELECTRICAL POWER OUTPUT					
Attorney Docket No.: 99-111						
<ol><li>Name and address of party to whom correspon- dence concerning document should be mailed:</li></ol>	6. Total number of applications and patents involved [1]					
Name: <u>Larry G. Cain</u> <u>CATERPILLAR INC.</u>	7. Total fee (37 CFR §3.41) \$ 40.00					
Internal Address: <u>Intellectual Property Dept.</u>	[ ] Enclosed [X] Authorized to be charged to deposit					
Street Address: 100 N. E. Adams Street	account					
City: Peoria State: IL	8. Deposit account number: 03-1129 (If charged duplicate copy attached)					
Zip: <u>61629-6490</u>						
9. Statement and signature:						
To the best of my knowledge and belief, the foregattached copy is a true copy of the original docu	going information is true and correct and any ument.					
Larry G. Cain Name of Person Signing						
Total number of pages comprising cover sheet, a						
Mail document to be recorded with required cover s	sheet information to:					
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## ASSIGNMENT

WHEREAS, WILLIBALD G. BERLINGER; and FRANCIS J. RAAB, residing respectively at Peoria, Illinois; and Chillicothe, Illinois, hereinafter referred to as ASSIGNORS, have invented a new and useful

## FREE PISTON ENGINE WITH ELECTRICAL POWER OUTPUT

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

WHEREAS,	CATERPILLAR	INC.,	а	Delaware	corporation	having	a	place	of

May 8, 2000 , and May 11,2000 ; 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: 010809 FRAME: 0374 IN TESTIMONY WHEREOF, ASSIGNORS have executed this instrument.

Willibald D. Berling	5-8-00
WILLIBALD G. BERLINGER	Date
IN WITNESS OF the execution hereof by WII	LLIBALD G. BERLINGER we have
Mitness (1) (Date)	Witness (2) (Date)
Address: 2738 W. MILLBROOK CT.	Address: 318 Hawtherne
PEORIA, IL 6/615	PElmuood, IL 61529
FRANCIS J. RAAB	5-11-00 Date
IN WITNESS OF the execution hereof by FRI	ANCIS J. RAAB we have hereunto set
Witness (I) (Date)	Andrew Shull 5-11-07 Witness (2) (Date)
Address: 13604 N SAVAGE Rd	Address: 6 Oxford Ct
Brimfield IL, 61517	- Washington, IL
	61571

**RECORDED: 05/17/2000** 

PATENT REEL: 010809 FRAME: 0375