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FORM PT0-1595 1-31-92 1009787 S. DEPARTMENT OF COMMERCE tent and Trademark Office

PATENTS ONLY

To the Honorable Commissioner of Patents and Tradema documents or copy thereof.	arks. Please record the attached original	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	, I
Brett M. Bailey	Name: Caterpillar Inc.	25
Additional Names attached: [] Yes [X] No	Internal Address: Intellectual Property Department	,60
	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: <u>61629-6490</u>	į
Execution Date(s): 12/14/98	Additional name(s) & addresses attached? [] Yes [X] No	
4. Application number(s) or patent number(s):		
If this document is being filed together with a new application, the execution date of the application is 12/14/98.		
A. Patent Application No.(s)	B. Patent No.(s)	
09/255//O Additional numbers attached? [] Yes [X] No Title of Invention: FREE PISTON INTERNAL COMBUSTION ENGINE WITH PULSE COMPRESSION		
Attorney Docket No.: 98-468		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved [1]	
Name: Larry G. Cain CATERPILLAR INC.		
Internal Address: Intellectual Property Dept.	7. Total fee (37 CFR §3.41) \$ 40.00 U	
Street Address: 100 N. E. Adams Street	[X] Authorized to be charged to deposit account	
City: Peoria State: IL	8. Deposit account number: 03-1129	
Zip: 61629-6490	(If charged duplicate copy attached)	
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.		
Larry G. Cain Name of Person Signing	02/22/99 Date	
Total number of pages comprising cover sheet, attachments, and document: [2]		
Mail document to be recorded with required cover sheet information to:		
Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231		

03/03/1999 SBURNS 00000039 031129 09255110 01 FC:581 40.00 CH

> PATENT REEL: 9786 FRAME: 0898

ASSIGNMENT

WHEREAS, BRETT M. BAILEY, residing at Peoria, Illinois, hereinafter referred to as ASSIGNOR, has invented a new and useful

FREE PISTON INTERNAL COMBUSTION ENGINE WITH PULSE COMPRESSION

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 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 ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR;

- 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.
- 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.
- 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.

IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

Brett M. Barto	12/14/58
BRETT M. BAILEY	Date

IN WITNESS OF the execution hereof by BRETT M. BAILEY we have hereunto set our hands.

(#122100THE, I) 61523

RECORDED: 02/22/1999

July 14 feb Thomas 5. Canal 12/14/98 Witness (2) (Date)

Address: 16215 N LINCOLN CT Address: 10856 N. Oak Lynn Dr.

(#111100THE, IL

Peoria, 1661615

PATENT **REEL: 9786 FRAME: 0899**