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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trade documents or copy thereof.	emarks. Please record the attached original			
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Willibald G. Berlinger T. Pin P. Shyu John M. Sloma	Name: Caterpillar Inc. Internal Address: 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>			
[X] Assignment [] Security Agreement [] Other	Zip: <u>61629-6490</u>			
Execution Date(s): 05/20/98	Additional name(s) & addresses attached? [] Yes [X] No			
4. Application number(s) or patent number(s):	9 082 135			
If this document is being filed together with a application is 05/20/98.	new application, the execution date of the			
A. Patent Application No.(s)	B. Patent No.(s)			
Additional numbe	ers attached? [] Yes [X] No			
Title of Invention: PISTON FOR USE IN AN E	INGINE			
Attorney Docket No.: 98-408				
Name and address of party to whom correspon- dence concerning document should be mailed:	6. Total number of applications and patents involved [1]			
Name: J. W. Burrows CATERPILLAR INC.	_			
Internal Address: <u>Intellectual Property</u> <u>Department</u>	7. Total fee (37 CFR §3.41) \$ 40.00 [] Enclosed [X] Authorized to be charged to deposit			
Street Address: 100 N. E. Adams Street	account			
City: <u>Peoria</u> State: <u>IL</u>	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 fore attached copy is a true copy of the original doc				
J. W. Burrows Name of Person Signing	Burrows 05/20/98 Signature Date			
Total number of pages comprising cover sheet,	attachments, and document: [3]			
Mail document to be recorded with required cover				
1998 DCDATES 00000023 031129 J W RURROWS Commissioner of P	Patents and Trademarks ssignments			
	on, D.C. 20231			

ASSIGNMENT

WHEREAS, WILLIBALD G. BERLINGER; T. PIN P. SHYU; and JOHN M. SLOMA, residing respectively at Peoria, Illinois; Dunlap, Illinois; and Lacon, Illinois, hereinafter referred to as ASSIGNORS, have invented a new and useful

PISTON FOR USE IN AN ENGINE

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

May 20,	1998	May	20,	1998	and	
	1000	No When Phase March had Record poor one contrapy and problems			ana	
May 20,	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.

Willibald J. Berlinger WILLIBALD G. BERLINGER	20 May 1998			
WILLIBALD G. BERLINGER	Date 1998			
IN WITNESS OF the execution hereof by \underline{W} hereunto set our hands.	ILLIBALD G. BERLINGER we have			
Butt M Broke 5/20/58 Witness (1) Date)	JWBurows 5/20/98 Witness (2) (Date)			
Address: 2837 W James Rd	Address: 9525 N Princerile			
Peoria IL WILLS	Julilez Rd			
	Brungiald, IL 61517			
This I shipe	20 May 1998 Date			
IN WITNESS OF the execution hereof by $\underline{\text{T. PIN P. SHYU}}$ we have hereunto set our hands.				
Bett M. Back 5/30/98 Witness (1) (Date)	J.W. Burrows 5/20/98 Witness (2) (Date)			
Address: 2837 W. James Rd	Address: 9525N. Emments			
Pearin Is bellet	Julilea RX			
	Brinfield, Il 61917			
JOHN M. SLOMA	<u> 20 May 1998</u> Date			
IN WITNESS OF the execution hereof by $\underline{\mathtt{JC}}$ hands.	OHN M. SLOMA we have hereunto set our			
But M. But 5/20/58 Witness (1) (Date)	J. W. Burrows 5/20/98 Witness (2) (Date)			
Address: 3837 W. Janes Rd	Address: 9525 N. Brownerdle			
Peoris 2261615				
Techtique	Bunfield, IL 61517			