

05-30-2000

FORM PTO-1595  
1-31-92U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101368650

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Willibald G. Berlinger  
Francis J. RaabAdditional Names attached: ☐ Yes ☒ No

5-17-00

## 2. Name and address of receiving party(ies):

Name: Caterpillar Inc.Internal Address:  
Intellectual Property DepartmentStreet Address:  
100 N.E. Adams StreetCity: Peoria State: IllinoisZip: 61629-6490Additional name(s) & addresses  
attached? ☐ Yes ☒ No

## 3. Nature of Conveyance:

☒ Assignment  
☐ Security Agreement  
☐ Other

Execution Date(s): 05/08/2000 and 05/11/2000

## 4. Application number(s) or patent number(s):

09/572,476

If this document is being filed together with a new application, the execution date of the application is 05/08/2000 and 05/11/2000.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ NoTitle of Invention: FREE PISTON ENGINE WITH ELECTRICAL POWER OUTPUT

Attorney Docket No.: 99-111

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Larry G. Cain  
CATERPILLAR INC.Internal Address: Intellectual Property Dept.Street Address: 100 N. E. Adams StreetCity: Peoria State: ILZip: 61629-6490

## 6. Total number of applications and patents involved [1]

7. Total fee (37 CFR §3.41) \$ 40.00  
☐ Enclosed  
☒ Authorized to be charged to deposit account8. Deposit account number: 03-1129  
(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 Signing05/17/2000  
Date

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. 2023110571 U.S. PTO  
09/572476  
05/17/00

05/26/2000 DNGUYEN 00000073 031129 09572476

01 FC:581 40.00 CH

PATENT  
REEL: 010809 FRAME: 0373

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

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.

IN TESTIMONY WHEREOF, ASSIGNORS have executed this instrument.

Willibald G. Berlinger  
WILLIBALD G. BERLINGER

5-8-00  
Date

IN WITNESS OF the execution hereof by WILLIBALD G. BERLINGER we have hereunto set our hands.

James B. Holden 5/8/00  
Witness (1) (Date)

W. B. Gaud 5-8-00  
Witness (2) (Date)

Address: 2738 W. MILL BROOK CT.  
PEORIA, IL 61615

Address: 318 Hawthorne  
PEtwood, IL 61529

Francis J. Raab  
FRANCIS J. RAAB

5-11-00  
Date

IN WITNESS OF the execution hereof by FRANCIS J. RAAB we have hereunto set our hands.

Grant Bault 5-11-2000  
Witness (1) (Date)

Andrew Shull 5-11-00  
Witness (2) (Date)

Address: 13604 N SAUSAGE Rd  
Brimfield IL, 61517

Address: 6 Oxford Ct  
Washington, IL  
61571