

09-11-2001

RECO



To the Commissioner for Patents: Please record t

101839928

1. Name of conveying party(ies):

Joel D. Hiltner

08/30/01

Additional name(s) of conveying party(ies) attached?

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

Name: Caterpillar, Inc.

Internal Address

Street Address:

100 N.E. Adams Street

City: Peoria State: Illinois

Zip: 61629



3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other:

Execution Date: July 27, 2001

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: July 27, 2001

A. Patent Application No. (s):

09/943197

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Todd T. Taylor, Esq.

Taylor & Aust, P.C.

Internal Address:

Street Address:

142 South Main Street

P.O. Box 560

City: Avilla State: IN

Zip: 46710

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 account if any deficiencies.

8. Deposit account number:

20-0095

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.

Todd T. Taylor, Reg. No. 36,945
Name of Person Signing

Signature

August 30, 2001
Date

09/05/2001 HBELETE1 00000024 09943197

02 FC:581

40.00 BP

01-464/CAT0108.US

PATENT
REEL: 012142 FRAME: 0543

ASSIGNMENT

WHEREAS, Joel D. Hiltner, residing at Powell, Ohio, hereinafter referred to ASSIGNOR has invented a new and useful

**METHOD OF CONTROLLING DETONATION
IN AN INTERNAL COMBUSTION ENGINE**

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:

1. 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.

3. 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.

4. 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.

Joel D. Hiltner
Joel D. Hiltner

July, 27th 2001
Date

IN WITNESS OF the execution hereof by Joel D. Hiltner we have hereunto set our hands.

Helena Heuland 7/27/01
Witness (1) Date
Address: 2231 Ashbury Close
Powell OH 43065

Joel M. Hiltner 7-27-01
Witness (2) Date
Address: 2231 Ashbury Close
Powell, OH 43065