



To the Honorable Commiss. **102216647**  
Please record the attached original documents or copy thereof.

ATTN. BOX ASSIGNMENTS

1. Name of conveying party(ies):  
William J. HARDIN

9/3/02

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

Additional name(s) of conveying party(ies) attached?  Yes  No

Internal Address:

3. Nature of conveyance:

Street Address: 100 N. E. Adams Street

Assignment  Merger

City: Peoria

Security Agreement  Change of Name

State: IL Zip Code: 61629-6490

Other:

Additional name(s) & Address(es) attached?

Execution Date: August 28, 2002

Yes  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: August 28, 2002

A. Patent Application Number(s):

B. Patent Number(s):

10/232577

Additional numbers attached?

Yes  No

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

6. Total number of applications and registrations involved:  
One

Name: Jay A. Stelacone

7. Total fee (37 CFR 3.41): \$40

03 FC:581 40.00 DP

Enclosed (Please charge deficiency to deposit account)  
 Authorized to be charged to deposit account

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 1300 I Street, N.W.

City: Washington, D.C.

State: Zip: 20005-3315

8. Deposit Account No.: 06-0916

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.

Jay A. Stelacone, Reg. No. 42,168

Signature

September 3, 2002

Date

Total number of pages including cover sheet, attachments and documents: 3

JCS79 U.S. PTO  
10/232577  
09/03/02

### ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

#### CYLINDER HEAD

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on , 20 (Serial No. ); and

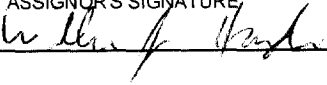
WHEREAS, Caterpillar Inc., a corporation of Illinois whose post office address is 100 N.E. Adams Street, Peoria, IL 61629-6490 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional application Serial No. filed (if any), and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR William J. Hardin	ASSIGNOR'S SIGNATURE 	DATE 8/28/02
ADDRESS 1311 Master Drive, Lafayette, IN 47905-8782		CITIZENSHIP USA

Listing of Inventors Continued on Page 2 hereof  Yes  No

1. WITNESS NAME Glen W. Koelling	WITNESS SIGNATURE <i>Glen W. Koelling</i>	DATE August 28, 02
ADDRESS 508 Vineyards Ct. Lafayette, IN 47905		CITIZENSHIP United States

2. WITNESS NAME BRIAN S. UNDERWOOD	WITNESS SIGNATURE <i>Brian S Underwood</i>	DATE 8/28/02
ADDRESS 616 STOCKDALE DRIVE LAFAYETTE, IN 47909		CITIZENSHIP UNITED STATES