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U.S. DEPARTMENT OF COMMERCE  
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## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**  
Zhengbai Liu

Execution Date(s) 10/5/04

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

**2. Name and address of receiving party(ies)**  
Name: International Engine Intellectual Property Company, LLC  
Internal Address: Law Dept. - 2W

Street Address: 4201 Winfield Rd.  
P.O. Box 1488

City: Warrenville  
State: IL  
Country: United States Zip: 60555

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance:**

Assignment  Merger  
 Security Agreement  Change of Name  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.  
A. Patent Application No.(s)  
10/960,662

Additional numbers attached?  Yes  No

B. Patent No.(s)

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Dennis Kelly Sullivan  
Internal Address: Law Dept. - 2W

Street Address: 4201 Winfield Rd.  
P.O. Box 1488

City: Warrenville  
State: IL Zip: 60555

Phone Number: 630-753-2311  
Fax Number: 630-753-3982  
Email Address: ptinfo@nav-international.com

**6. Total number of applications and patents involved:** 1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40**

Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 14-0603  
Authorized User Name Cathi Majewski

**9. Signature:** Cathi Majewski  
Cathi Majewski Signature

1/13/05  
Date

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

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

C/H \$40.00 140603 10960662

D5654

**ASSIGNMENT**

WHEREAS, Zhengbai Liu, 1945 Montclair Drive, Naperville, IL 60565

(hereinafter referred to as ASSIGNOR) has invented certain new and useful improvements in INTERNATIONAL Docket No. D5654 entitled:

**Diesel Combustion Chamber**

for which he is about to make application for Letters Patent in the United States, said application having a Declaration and Power of Attorney executed by ASSIGNOR on the \_\_\_\_\_ day of \_\_\_\_\_, 2004,

or is identified subsequent to filing in the United States Patent and Trademark Office as Serial No. 10/910,102 filed 10/7/04 and

WHEREAS, INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY, L.L.C., a corporation existing under the laws of the State of Illinois, (hereinafter referred to as INTERNATIONAL) having its principal place of business at 4201 Winfield Road, Warrenville, Illinois 60555, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention or inventions, and any Letters Patent granted hereon by the United States of America and any foreign country;

NOW THEREFORE, in consideration of the sum of One Dollar and other valuable consideration received by ASSIGNOR from INTERNATIONAL, the receipt of which is hereby acknowledged by ASSIGNOR, ASSIGNOR does hereby sell, assign, and transfer to INTERNATIONAL said invention or inventions, said application, divisional applications thereof, continuation applications thereof and any and all Letters Patent of the United States and any foreign country which may be granted therefor, and any reissue or reissues, or extension or extensions thereof, together with the right to file applications in, and to acquire Letters Patent in, all countries foreign to the United States in the name of INTERNATIONAL or as it may direct, and to claim for such foreign applications and Letters Patent the priority date of filing of the said International or United States application under the provisions of the Patent Cooperation Treaty, the International Convention for the Protection of Industrial Property or the European Patent Convention in the countries in which it applies.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or inventions or resulting from said application, or any division or divisions or continuations thereof to INTERNATIONAL as assignee of the entire interest.

ASSIGNOR hereby authorizes INTERNATIONAL to insert the serial number and date(s) of execution of said application into this document after execution thereof.

ASSIGNOR does hereby covenant that he has full right to convey the entire interest herein assigned, and that he has not executed and will not execute any agreement in conflict herewith.

ASSIGNOR further covenants that he will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or inventions, or any Letters Patent that may be granted therefor in any country in INTERNATIONAL, and that if INTERNATIONAL desires to secure a division, reissue, reexamination, or renewal of any such Letters Patent, that a disclaimer relating thereto should

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be filed, or make application for a corresponding patent in any foreign country, that he will, upon request, sign all papers, make all rightful oaths, and does all lawful acts requisite for the application for such division, reissue, reexamination, or extension and the procuring thereof, or for the filing of such disclaimer or foreign patent application without further compensation, but at the expense of INTERNATIONAL.

ASSIGNOR does further covenant and agrees that he will, at any time, upon request, communicate to INTERNATIONAL any facts relating to said invention or inventions and Letters Patent, or the history thereof known to them, and testify as to the same in interferences or other litigation when requested so to do.

This assignment shall inure to the benefit of INTERNATIONAL, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, his heirs and legal representatives.

IN WITNESS WHEREOF, he has executed this instrument.

Zhengbai Liu this 5<sup>th</sup> day of October, 2004  
Zhengbai Liu

State of Illinois )  
County of Cook )

On this 5<sup>th</sup> day of October, 2004, before me came Zhengbai Liu, to me personally known, and known to me to be the individual described in and who executed the foregoing assignment, and acknowledged to me that he executed the same of his own free will and for the purposes therein set forth.

Patricia Burdi  
Notary Public

