


ATTORNEY DOCKET NO.: 38328-507002US
U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

FORM PTO-1595 (Rev. 08-05)
OMB No. 0651-0027 (exp. 6/30/2008)

**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.

<p>1. Name of conveying party(ies) James M. Cleeves, Michael A. Willcox, Simon David Jackson, and Nicholas Manov. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) PINNACLE ENGINES, INC. 1300 Industrial Road Suite 1A San Carlos, CA 94070 Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance/Execution Date(s): Execution Date(s): <u>10/24/11, 10/24/11, 10/24/11, and 11/16/11</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____</p>	<p><input type="checkbox"/> This document is being filed together with a new application B. Patent No.(s) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>4. Application or patent number(s): A. Patent Application No.(s) 13/344,515 Additional numbers attached?</p>	<p>6. Total number of applications and patents involved: <u>1</u></p>
<p>5. Name and address to whom correspondence concerning document should be mailed: Michael D. Van Loy MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO, P.C. 3580 Carmel Mountain Road, Suite 300 San Diego, CA 92130</p>	<p>7. Total Fee (37 CFR 1.21(h) & 3.41) \$40.00 <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)</p> <p>8. Payment Information a. Credit Card Last 4 numbers _____ Expiration Date _____ b. Deposit Account Number <u>50-0311</u> Authorized User Name <u>Michael D. Van Loy, MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO, P.C.</u></p>
<p>9. Signature:  _____ Michael D. Van Loy Name of Person Signing</p>	<p>March 22, 2012 _____ Date Total number of pages including cover Sheet, attachments, and documents: <u>6</u></p>

CH \$40.00 500311 13344515

Attorney's Docket No.: 38328-507002US

Customer No.: 64046

ASSIGNMENT

For valuable consideration, we, **JAMES M. CLEEVES** of Redwood City, California, **MICHAEL A. WILLCOX** of Redwood City, California, **SIMON DAVID JACKSON** of Redwood City, California, and **NICHOLAS MANOV** of San Carlos, California, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that we have sold and assigned, and do hereby assign, sell and transfer to **PINNACLE ENGINES, INC.** a California Corporation, having a place of business at 1300 Industrial Road, Suite 1A, San Carlos, CA 94070, and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

MULTI-MODE HIGH EFFICIENCY INTERNAL COMBUSTION ENGINE

filed with the U.S. Patent and Trademark Office on January 5, 2012 and assigned Application No. 13/344,515¹, including any subsequently filed utility applications, which claim priority to U.S. Patent Application No. 12/720,457 filed on March 9, 2010 and PCT Patent Application Serial No. PCT/US2011/027775, filed on March 9, 2011, and including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

¹ Any attorney or agent of record and any registered attorney or agent of Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C. is hereby authorized to insert, when known.

First Inventor : James M. Cleeves et al.

Application No. : Not Yet Assigned

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We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to us and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 10/24/11

James M. Cleeves
Signature of: JAMES M. CLEEVES

IN WITNESS THEREOF,

State of _____
County of _____

On this _____ day of _____, 2011, before me, the undersigned notary public, personally appeared _____, proved to me through satisfactory evidence of identification which was _____, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Notary Public
My Commission Expires: _____

-OR-

TOM COVINGTON
Witness #1 (Print Name)

[Signature]
Witness #1 (Signature)

10/24/11
Date

CHRISTOPHER LEE
Witness #2 (Print Name)

[Signature]
Witness #2 (Signature)

10/24/11
Date

First Inventor : James M. Cleeves et al.

Application No. : Not Yet Assigned

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Date: 10/24/2011


Signature of: MICHAEL A. WILLCOX

IN WITNESS THEREOF,

State of _____

County of _____

On this _____ day of _____, 2011, before me, the undersigned notary public, personally appeared _____, proved to me through satisfactory evidence of identification which was _____, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Notary Public
My Commission Expires: _____

-OR-

TOM COVINGTON

Witness #1 (Print Name)


Witness #1 (Signature)

10/24/11
Date

CHRISTOPHER LEE

Witness #2 (Print Name)


Witness #2 (Signature)

10/24/11
Date

First Inventor : James M. Cleaves et al.

Application No. : Not Yet Assigned

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Date: 10/24/2011


Signature of SIMON DAVID JACKSON

IN WITNESS THEREOF,

State of _____


County of _____

On this _____ day of _____, 2011, before me, the undersigned notary public, personally appeared _____, proved to me through satisfactory evidence of identification which was _____, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Notary Public
My Commission Expires: _____

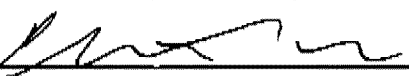
-OR-

TOM COVINGTON
Witness #1 (Print Name)


Witness #1 (Signature)

10/24/11
Date

CHRISTOPHER LEE
Witness #2 (Print Name)


Witness #2 (Signature)

10/24/11
Date

First Inventor : James M. Cleeves et al.

Application No. : Not Yet Assigned

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Date: 11/16/11

Nicholas Manov
Signature of NICHOLAS MANOV

IN WITNESS THEREOF,

**PLEASE SEE
NOTARY ATTACHMENT**

State of _____

County of _____

On this _____ day of _____, 2011, before me, the undersigned notary public, personally appeared _____, proved to me through satisfactory evidence of identification which was _____, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Notary Public
My Commission Expires: _____

-OR-

Witness #1 (Print Name)

Witness #1 (Signature)

Date

Witness #2 (Print Name)

Witness #2 (Signature)

Date