

FORM PTO-1619A Expires 06/30/99 OMB 0651-0027	U.S. Department of Commerce Patent and Trademark Office PATENT
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PATENTS ONLY

S-106,118

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<small>FORM PTO-1619B Expires 06/30/99 OMB 0651-0027</small>	Page 2	<small>U.S. Department of Commerce Patent and Trademark Office PATENT</small>																								
Correspondent Name and Address																										
		Area Code and Telephone Number 202-586-2805 (FAX)																								
Name Brenda K. Banks																										
Address (line 1) U. S. Department of Energy																										
Address (line 2) 1000 Independence Avenue, S.W.																										
Address (line 3) Washington, D. C. 20585-0162																										
Address (line 4) Telephone (Voice): 202-586-2802																										
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Application Number(s) or Patent Number(s) <input type="checkbox"/> Mark if additional numbers attached																										
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<table style="width: 100%; border-collapse: collapse;"><thead><tr><th colspan="3" style="text-align: left; border-bottom: 1px solid black;">Patent Application Number(s)</th><th colspan="3" style="text-align: left; border-bottom: 1px solid black;">Patent Number(s)</th></tr></thead><tbody><tr><td style="border: 1px solid black; padding: 2px;">11/095,256</td><td style="border: 1px solid black; width: 50px;"></td><td style="border: 1px solid black; width: 50px;"></td><td style="border: 1px solid black; width: 50px;"></td><td style="border: 1px solid black; width: 50px;"></td><td style="border: 1px solid black; width: 50px;"></td></tr><tr><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td></tr><tr><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td></tr></tbody></table>			Patent Application Number(s)			Patent Number(s)			11/095,256																	
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<small>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. Charges to deposit account are authorized, as indicated herein.</small>																										
<table style="width: 100%; border-collapse: collapse;"><tr><td style="width: 33%; text-align: center; vertical-align: bottom;"><small>Brenda K. Banks</small></td><td style="width: 33%; text-align: center; vertical-align: bottom;"></td><td style="width: 33%; text-align: center; vertical-align: bottom;">8/9/05</td></tr><tr><td style="text-align: center;"><small>Name of Person Signing</small></td><td style="text-align: center;"><small>Signature</small></td><td style="text-align: center;"><small>Date</small></td></tr></table>			<small>Brenda K. Banks</small>		8/9/05	<small>Name of Person Signing</small>	<small>Signature</small>	<small>Date</small>																		
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<small>Name of Person Signing</small>	<small>Signature</small>	<small>Date</small>																								

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→ PTO CON LIC 003/003

11/095,256
SD-8573/S-106,118

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Application for: Fuel Mixture Stratification as Method for Improving Homogeneous
Charge Compression Ignition Engine Operation
Inventor(s): J. E. Dec; C-M. G. Sjoberg
Serial Number: 11/095,256
Filing Date: March 30, 2005
Contract No.: DE-AC04-94AL85000
Contractor: Sandia Corporation

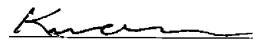
The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions of the above-numbered contract certified on January 9, 1996, governing patent rights in the Subject Invention at the time the invention was made, has been submitted to the U. S. Department of Energy.

The Contractor hereby confirms that under the provisions of the above-numbered contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid up license to practice or have practiced for or on behalf of the United States the Subject Invention throughout the world. This license applies to the invention in the above-identified patent application and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

It is understood and agreed that this document does not preclude the Government from asserting rights under the provisions of said contract or any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

The Contractor hereby grants the Government an irrevocable power to inspect and make copies of the above-identified application.

Signed this 25th day of July, 2005.


Kurt C. Olsen
Attorney

If the invention was made under a subcontract, please identify the Prime Contractor:

_____, Prime Contract No. _____

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