

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mr. Adam Rasheed</td> <td>11/16/2006</td> </tr> <tr> <td>Mr. Anthony John Dean</td> <td>11/16/2006</td> </tr> <tr> <td>Mr. Pierre Francois Pinard</td> <td>11/16/2006</td> </tr> <tr> <td>Mr. Christian Lee Vandervort</td> <td>11/16/2006</td> </tr> <tr> <td>Mr. Venkat Eswarlu Tangirala</td> <td>11/16/2006</td> </tr> </tbody> </table>		Name	Execution Date	Mr. Adam Rasheed	11/16/2006	Mr. Anthony John Dean	11/16/2006	Mr. Pierre Francois Pinard	11/16/2006	Mr. Christian Lee Vandervort	11/16/2006	Mr. Venkat Eswarlu Tangirala	11/16/2006
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Mr. Christian Lee Vandervort	11/16/2006												
Mr. Venkat Eswarlu Tangirala	11/16/2006												
RECEIVING PARTY DATA													
Name:	General Electric Company												
Street Address:	1 River Road												
City:	Schenectady												
State/Country:	NEW YORK												
Postal Code:	12345												
PROPERTY NUMBERS Total: 1													
Property Type	Number												
Application Number:	11561155												
CORRESPONDENCE DATA													
Fax Number:	(518)387-7751												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Email:	decristo@research.ge.com												
Correspondent Name:	General Electric												
Address Line 1:	1 River Road												
Address Line 4:	Schenectady, NEW YORK 12345												
ATTORNEY DOCKET NUMBER:	140266-1												
NAME OF SUBMITTER:	Terrance J. Wikberg												

CH \$40.00 11561155

Total Attachments: 6

500181315

**PATENT
 REEL: 018533 FRAME: 0012**

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ASSIGNMENT

In accordance with my/our obligations under an Employee Innovation and Proprietary Information Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the Services Agreement between the General Electric Company, a New York Corporation, and my employer), and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

Adam (nmn) Rasheed	of	Glenville, NY
Anthony John Dean	of	Scotia, NY
Pierre Francois Pinard	of	Delmar, NY
Christian Lee Vandervort	of	Voorheesville, NY
Venkat Eswarlu Tangirala	of	Niskayuna, NY
	of	
	of	
	of	
	of	
	of	

hereby sell and assign to **General Electric Company, a New York Corporation**, (hereinafter referred to as Assignee) having an address at 1 River Road, Schenectady, New York 12345, USA, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled:

PULSE DETONATION ENGINE BYPASS AND COOLING FLOW WITH DOWNSTREAM MIXING VOLUME

executed concurrently herewith,

filed on having Serial Number

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Assignee, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, I/we will communicate to said Assignee or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

INVENTOR 1

Signature: _____
Adam (nmn) Rasheed

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Adam
Adam (nmn) Rasheed

Date: Nov. 16/2006

STATE OF NEW YORK

ss.

COUNTY OF SCHENECTADY

This 16th day of November, 2006 before me personally came the above-named Adam (nmn) Rasheed, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal **RITA M. LYNCH**
Notary Public, State of New York
Qual. to Albert Co. No. 01LY6078764
Commission Expires 8/29/2010

Rita M. Lynch
(Notary Public)

INVENTOR 2

Signature: _____
Anthony John Dean

Date: _____

Witnessed by: _____
Signature

Date: _____

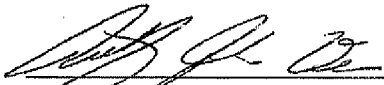
Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY



Anthony John Dean

Date: 11/16/06


STATE OF NEW YORK

ss.

COUNTY OF SCHENECTADY

This 16th day of November, 2006 before me personally came the above-named Anthony John Dean, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

RITA M. LYNCH
Notary Public, State of New York
Qual. in Albany, Co. No. 01LY6079764
Commission Expires 8/29/2010



(Notary Public)

INVENTOR 3

Signature: _____
Pierre Francois Pinard

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY


Pierre Francois Pinard

Date: 11/16/2006

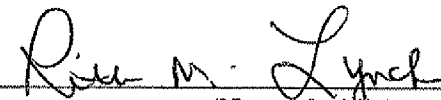
STATE OF NEW YORK

ss.

COUNTY OF SCHENECTADY

This 16th day of November, 2006 before me personally came the above-named **Pierre Francois Pinard**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal **RITA M. LYNCH**
Notary Public, State of New York
Qual. In Albany Co. No. 01LY6079764
Commission Expires 8/29/2010



(Notary Public)

INVENTOR 4

Signature: _____
Christian Lee Vandervort

Date: _____

Witnessed by: _____
Signature

Date: _____


Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY


Christian Lee Vandervort

Date: Nov. 16th 2006


STATE OF NEW YORK

ss.

COUNTY OF SCHENECTADY

This 16th day of November, 2006 before me personally came the above-named **Christian Lee Vandervort**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal
RITA M. LYNCH
Notary Public, State of New York
Qual. in Albany Co. No. 02LY6079764
Commission Expires 8/29/2010



(Notary Public)

INVENTOR 5

Signature: _____
Venkat Eswarlu Tangirala

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Venkat Eswarlu Tangirala Date: 11/16/06
Venkat Eswarlu Tangirala

STATE OF NEW YORK

ss.

COUNTY OF SCHENECTADY

This 16th day of November, 2006 before me personally came the above-named Venkat Eswarlu Tangirala, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

RITA M. LYNCH
Notary Public, State of New York
Qual. in Albany Co., No. 011Y6079764
Commission Expires 8/29/2010

Rita M. Lynch
(Notary Public)