

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>BERNARD PATRICK BEWLAY</td><td>12/03/2007</td></tr><tr><td>MICHAEL FRANCIS XAVIER GIGLIOTTI</td><td>12/03/2007</td></tr><tr><td>MOHAMED RAHMANE</td><td>12/03/2007</td></tr><tr><td>THOMAS JOSEPH KELLY</td><td>11/30/2007</td></tr><tr><td>MICHAEL JAMES WEIMER</td><td>11/30/2007</td></tr><tr><td>SAIRAM SUNDARAM</td><td>12/03/2007</td></tr></tbody></table>	Name	Execution Date	BERNARD PATRICK BEWLAY	12/03/2007	MICHAEL FRANCIS XAVIER GIGLIOTTI	12/03/2007	MOHAMED RAHMANE	12/03/2007	THOMAS JOSEPH KELLY	11/30/2007	MICHAEL JAMES WEIMER	11/30/2007	SAIRAM SUNDARAM	12/03/2007	
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MICHAEL JAMES WEIMER	11/30/2007														
SAIRAM SUNDARAM	12/03/2007														
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															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11947905</td></tr></tbody></table>	Property Type	Number	Application Number:	11947905											
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Application Number:	11947905														
CORRESPONDENCE DATA															
Fax Number:	(513)786-5015														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	513-243-5955														
Email:	SCOTT.ANDES@GE.COM														
Correspondent Name:	GENERAL ELECTRIC COMPANY														
Address Line 1:	GE AVIATION														
Address Line 2:	ONE NEUMANN WAY MD H17														
Address Line 4:	CINCINNATI, OHIO 45215														
ATTORNEY DOCKET NUMBER:	226437-1														

CH \$40.00 11947905

500469282

PATENT
REEL: 020542 FRAME: 0224

NAME OF SUBMITTER:

William Scott Andes

Total Attachments: 7

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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,

BERNARD PATRICK BEWLAY	of	NISKAYUNA, NY
MICHAEL FRANCIS XAVIER GIGLIOTTI	of	SCOTIA, NY
MOHAMED RAHMANE	of	CLIFTON PARK, NY
THOMAS JOSEPH KELLY	of	CINCINNATI, OHIO
MICHAEL JAMES WEIMER	of	LOVELAND, OHIO
SAIRAM SUNDARAM	of	GUILDERLAND, NY
	of	
	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:

**METHODS FOR MAKING REFRACTORY CRUCIBLES CAPABLE OF MANAGING THERMAL STRESS
AND SUITABLE FOR MELTING HIGHLY REACTIVE ALLOYS**

☐ executed concurrently herewith,

☒ filed on November 30, 2007 having Serial Number 11/947,905

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

Bernard Patrick Bewlay
BERNARD PATRICK BEWLAY

Date: 12-3-07

STATE OF New York
COUNTY OF Schenectady SS.

This 3rd day of December, 2007 before me personally came the above-named **BERNARD PATRICK BEWLAY**, 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

Rita M. Lynch
(Notary Public)

INVENTOR 2

Michael Francis Xavier Gigliotti Date: 3 Dec 2007
MICHAEL FRANCIS XAVIER GIGLIOTTI

STATE OF new york
COUNTY OF Schenectady SS.

This 3rd day of December, 2007, before me personally came the above-named **MICHAEL FRANCIS XAVIER GIGLIOTTI**, 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

Rita M. Lynch
(Notary Public)

INVENTOR 3



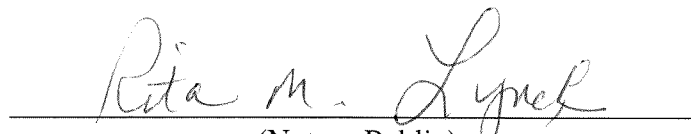
MOHAMED RAHMANE

Date: 12/03/2007

STATE OF New York
COUNTY OF Schenectady SS.

This 3rd day of December, 2007 before me personally came the above-named **MOHAMED RAHMANE**, 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



(Notary Public)

RITA M. LYNCH
Notary Public, State of New York
Qual. in Albany Co. No. 08LY6079764
Commission Expires 8/31/2010

INVENTOR 4

Thomas Joseph Kelly
THOMAS JOSEPH KELLY

Date: 11-30-07

STATE OF Ohio

SS.

COUNTY OF Hamilton

This 30th day of November, 2007 before me personally came the above-named **THOMAS JOSEPH KELLY**, 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.



KIMBERLY HOWARD
Notary Public, State of Ohio
My Commission Expires October 24, 2011

Kimberly Howard

(Notary Public)

INVENTOR 5

Michael James Weimer
MICHAEL JAMES WEIMER

Date: 11-30-2007

STATE OF Ohio

SS.

COUNTY OF Hamilton

This 30th day of November, 2007 before me personally came the above-named **MICHAEL JAMES WEIMER**, 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.



KIMBERLY HOWARD
Notary Public, State of Ohio
My Commission Expires October 24, 2011

Kimberly Howard

(Notary Public)

INVENTOR 6

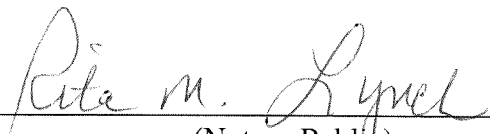

SAIRAM SUNDARAM

Date: 12/3/07

STATE OF New York
COUNTY OF Schenectady SS.

This 3rd day of December, 2007 before me personally came the above-named SAIRAM SUNDARAM, 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


(Notary Public)

RITA M. LYNCH
Notary Public, State of New York
Qual. in Albany Co. No. 01LY607976A
Commission Expires 8/25/2010