

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Pradeep Chandra Babu Salapakkam</td> <td>11/23/2010</td> </tr> <tr> <td>Ri Li</td> <td>12/15/2010</td> </tr> <tr> <td>Mehmet Arik</td> <td>12/10/2010</td> </tr> <tr> <td>William Dwight Gerstler</td> <td>12/13/2010</td> </tr> <tr> <td>Bryan Patrick Whalen</td> <td>12/10/2010</td> </tr> </tbody> </table>		Name	Execution Date	Pradeep Chandra Babu Salapakkam	11/23/2010	Ri Li	12/15/2010	Mehmet Arik	12/10/2010	William Dwight Gerstler	12/13/2010	Bryan Patrick Whalen	12/10/2010
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>General Electric Company</td> </tr> <tr> <td><b>Street Address:</b></td> <td>1 River Road</td> </tr> <tr> <td><b>City:</b></td> <td>Schenectady</td> </tr> <tr> <td><b>State/Country:</b></td> <td>NEW YORK</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>12345</td> </tr> </table>		<b>Name:</b>	General Electric Company	<b>Street Address:</b>	1 River Road	<b>City:</b>	Schenectady	<b>State/Country:</b>	NEW YORK	<b>Postal Code:</b>	12345		
<b>Name:</b>	General Electric Company												
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<b>PROPERTY NUMBERS Total: 1</b>													
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (866)308-9939</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 518-387-7724</p> <p>Email: rosssr@ge.com</p> <p>Correspondent Name: GENERAL ELECTRIC COMPANY GLOBAL RESEARCH</p> <p>Address Line 1: ONE RESEARCH CIRCLE</p> <p>Address Line 2: BLDG. K1-3A59</p> <p>Address Line 4: NISKAYUNA, NEW YORK 12309</p>													
<b>ATTORNEY DOCKET NUMBER:</b>	242159-2												
<b>NAME OF SUBMITTER:</b>	Richard A. DeCristofaro												

CH \$40.00 12965454

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**PATENT**  
**REEL: 025741 FRAME: 0986**

**Total Attachments: 6**

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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,

<b>Pradeep Chandra Babu Salapakkam</b>	<b>of</b>	<b>Schenectady, New York</b>
<b>Ri Li</b>	<b>of</b>	<b>Niskayuna, New York</b>
<b>Mehmet Arik</b>	<b>of</b>	<b>Niskayuna, New York</b>
<b>William Dwight Gerstler</b>	<b>of</b>	<b>Niskayuna, New York</b>
<b>Bryan Patrick Whalen</b>	<b>of</b>	<b>Waterford, New York</b>

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:

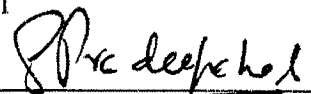
**SHAPED HEAT SINKS TO OPTIMIZE FLOW**

☐ executed concurrently herewith,

☒ filed on December 10, 2010 having Serial Number 12/965,454

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:   
**Pradeep Chandra Babu Salapakkam**

Date: NOV. 23<sup>rd</sup> 2010

Witnessed by:   
Signature

Date: 11/23/2010

TREVOR WOOD  
Printed Name of Witness

Witnessed by:   
Signature

Date: 11/23/2010

ARATHI GOPINATH  
Printed Name of Witness

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

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Pradeep Chandra Babu Salapakkam

Date: \_\_\_\_\_

STATE OF New York

ss.


COUNTY OF Schenectady

This \_\_\_\_\_ day of \_\_\_\_\_, 2009 before me personally came the above-named **Pradeep Chandra Babu Salapakkam**, 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)

INVENTOR 2

Signature:   
Ri Li

Date: 12/15/10

Witnessed by:   
Signature

Date: 12/15/10

Qingguo Zhang

Printed Name of Witness

Witnessed by:   
Signature

Date: 12/15/10

XIAOCHUN SHEN

Printed Name of Witness

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

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\_\_\_\_\_  
Ri Li

Date: \_\_\_\_\_

STATE OF New York

ss.

COUNTY OF Schenectady


This \_\_\_\_\_ day of \_\_\_\_\_, 2009 before me personally came the above-named  
**Ri Li**, 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)

DOCKET NUMBER: 242159-2

INVENTOR 3

Signature: 

Mehmet Arik

Date: 12.10.2010Witnessed by: 

Signature

Date: 10 Dec 2010Charles F. Wolfe Jr.

Printed Name of Witness

Witnessed by: 

Signature

Date: 10 Dec 2010RANSOM F. ALLEN

Printed Name of Witness

---

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---

Mehmet Arik

Date: \_\_\_\_\_

STATE OF New York

ss.

COUNTY OF Schenectady

This \_\_\_\_\_ day of \_\_\_\_\_, 2009 before me personally came the above-named **Mehmet Arik**, 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)

INVENTOR 4

Signature: William Dwight Gerstler  
William Dwight Gerstler

Date: Dec 13, 2010

Witnessed by: David Walker  
Signature

Date: Dec 13, 2010

David Walker  
Printed Name of Witness

Witnessed by: Christian L Vandervort  
Signature

Date: Dec. 13. 2010

Christian L Vandervort  
Printed Name of Witness

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\_\_\_\_\_  
William Dwight Gerstler

Date: \_\_\_\_\_

STATE OF New York

ss.

COUNTY OF Schenectady

This \_\_\_\_\_ day of \_\_\_\_\_, 2009 before me personally came the above-named  
**William Dwight Gerstler**, 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)

INVENTOR 5

Signature: Bryan P. Whalen  
Bryan Patrick Whalen

Date: 10 DEC 2010

Witnessed by: [Signature]  
Signature  
Bryan P. Whalen  
Printed Name of Witness

Date: 10 Dec 2010

Witnessed by: [Signature]  
Signature  
Erin Jensen  
Printed Name of Witness

Date: 10 Dec 2010

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

\_\_\_\_\_  
Bryan Patrick Whalen

Date: \_\_\_\_\_

STATE OF New York

ss.

COUNTY OF Schenectady

This \_\_\_\_\_ day of \_\_\_\_\_, 2009 before me personally came the above-named  
**Bryan Patrick Whalen**, 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)