

# PATENT ASSIGNMENT

Electronic Version v1.1

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| SUBMISSION TYPE:   | NEW ASSIGNMENT                      |
| NATURE OF CONVEYANCE:  | ASSIGNMENT                          |
| <b>CONVEYING PARTY DATA</b>  |                                     |
| Name   | Execution Date                      |
| Donald Brett DeSander  | 08/27/2008                          |
| James Earl Kopriva   | 08/27/2008                          |
| Robert Francis Manning   | 08/28/2008                          |
| Robert Edward Athans   | 08/25/2008                          |
| Mark Douglas Gledhill  | 08/27/2008                          |
| <b>RECEIVING PARTY DATA</b>  |                                     |
| Name:  | General Electric Company            |
| Street Address:  | 1 River Road                        |
| City:  | Schenectady                         |
| State/Country:   | NEW YORK                            |
| Postal Code:   | 12345                               |
| <b>PROPERTY NUMBERS Total: 1</b>   |                                     |
| Property Type  | Number                              |
| Application Number:  | 12181740                            |
| <b>CORRESPONDENCE DATA</b>   |                                     |
| Fax Number:  | (314)621-2307                       |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> |                                     |
| Email:   | jreany@armstrongteasdale.com        |
| Correspondent Name:  | Armstrong Teasdale LLP              |
| Address Line 1:  | One Metropolitan Square, Suite 2600 |
| Address Line 4:  | St. Louis, MISSOURI 63102           |
| ATTORNEY DOCKET NUMBER:  | 228790                              |
| NAME OF SUBMITTER:   | Robert B. Reeser                    |
| Total Attachments: 6<br>source=Assignment#page1.tif                                  |                                     |

CH \$40.00 12181740

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**PATENT**  
**REEL: 021458 FRAME: 0642**

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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,

|                        |    |   |
|------------------------|----|---|
| Donald Brett DeSander  | of | 1427 Cambridge Street #2, Cambridge, MA 02139 |
| James Earl Kopriva     | of | 60 West Ruthland Sq., #2, Boston, MA 02118    |
| Robert Francis Manning | of | 1 Lorum Street, Newburyport, MA 01950         |
| Robert Edward Athans   | of | 7319 Duane Drive, Cincinnati, OH 45241        |
| Mark Douglas Gledhill  | of | 465 Bridge Street, South Hamilton, MA 01982   |

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 non-provisional application for United States Patent currently entitled:

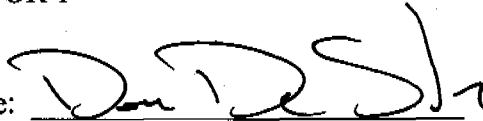
**A ROTOR BLADE AND METHOD OF FABRICATING THE SAME**

☐ executed concurrently herewith,


☒ filed on July 29, 2008 having Serial Number 12/181,740

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.

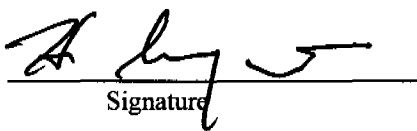
INVENTOR 1

Signature:   
Donald Brett DeSander

Date: 8/27/08

Witnessed by:   
Signature  
Janie Schallek  
Printed Name of Witness

Date: 8/27/09

Witnessed by:   
Signature  
SEUNGWOO HO  
Printed Name of Witness

Date: 8/27/08

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

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\_\_\_\_\_  
Donald Brett DeSander

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

STATE OF

ss.

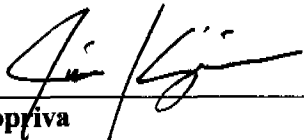
COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Donald Brett DeSander**, 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:   
James Earl Kopriva

Date: 8/27/08

Witnessed by:   
Signature

Date: 8/27/08

Jeff Carnes  
Printed Name of Witness

Witnessed by:   
Signature

Date: 8/27/08

Erik Suomi  
Printed Name of Witness

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\_\_\_\_\_  
James Earl Kopriva

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

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named James Earl Kopriva, 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 3

Signature: Robert Francis Manning Date: 8-28-08  
Robert Francis Manning

Witnessed by: RAOW Date: 8/28/08  
Signature

ROHIT A. OKE  
Printed Name of Witness

Witnessed by: [Signature] Date: 8/28/08  
Signature

GAOQIU ZHU  
Printed Name of Witness

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\_\_\_\_\_  
Robert Francis Manning Date: \_\_\_\_\_

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Robert Francis Manning**, 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: Robert Edward Athans  
Robert Edward Athans

Date: 8/25/08

Witnessed by: Sanjayan Manivannan  
Signature

Date: 8/25/2008

SANJAYAN MANIVANNAN  
Printed Name of Witness

Witnessed by: Silas Kelley  
Signature

Date: 8/25/2008

Silas Kelley  
Printed Name of Witness

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\_\_\_\_\_  
Robert Edwards Athans

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

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Robert Edwards Athans**, 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: Mark Douglas Gledhill  
Mark Douglas Gledhill

Date: 8/27/2008

Witnessed by: Erik Sumi  
Signature

Date: 8/27/2008

Erik Sumi  
Printed Name of Witness

Witnessed by: Isabel M Bernal  
Signature

Date: 8/27/2008

ISABEL M BERNAL  
Printed Name of Witness

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\_\_\_\_\_  
Mark Douglas Gledhill

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

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Mark Douglas Gledhill**, 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)