

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignment previously recorded on Reel 019696 Frame 0622. Assignor(s) hereby confirms the correction of Assignee from General Electric Corporation to General Electric Company.										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Charles W. Carrier</td><td>11/03/2007</td></tr><tr><td>Chen-yu J. Chou</td><td>11/03/2007</td></tr></tbody></table>		Name	Execution Date	Charles W. Carrier	11/03/2007	Chen-yu J. Chou	11/03/2007				
Name	Execution Date										
Charles W. Carrier	11/03/2007										
Chen-yu J. Chou	11/03/2007										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>General Electric Company</td></tr><tr><td>Street Address:</td><td>One River Road</td></tr><tr><td>City:</td><td>Schenectady</td></tr><tr><td>State/Country:</td><td>NEW YORK</td></tr><tr><td>Postal Code:</td><td>12345</td></tr></table>		Name:	General Electric Company	Street Address:	One River Road	City:	Schenectady	State/Country:	NEW YORK	Postal Code:	12345
Name:	General Electric Company										
Street Address:	One 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>11557646</td></tr></tbody></table>		Property Type	Number	Application Number:	11557646						
Property Type	Number										
Application Number:	11557646										
CORRESPONDENCE DATA											
Fax Number: (717)260-1770 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: (614)719-2858											
Email: patents@mwn.com											
Correspondent Name: Courtney J. Miller											
Address Line 1: 21 East State Street											
Address Line 2: Suite 1700											
Address Line 4: Columbus, OHIO 43215											
ATTORNEY DOCKET NUMBER:	07783-0255-U1										
NAME OF SUBMITTER:	Courtney J. Miller										
Total Attachments: 18											

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PATENT
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TO: COURTNEY J. MILLER COMPANY: 21 EAST STATE STREET

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.101/25/2008
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SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignment previously recorded on Reel 019696 Frame 0622. Assignor(s) hereby confirms the the correction of Assignee from General Electric Corporation to General Electric Company.

CONVEYING PARTY DATA

Name	Execution Date
Charles W. Carrier	11/03/2007
Chen-yu J. Chou	11/03/2007

RECEIVING PARTY DATA

Name:	General Electric Company
Street Address:	One River Road
City:	Schenectady
State/Country:	NEW YORK
Postal Code:	12345

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11557646

CORRESPONDENCE DATA

Fax Number: (717)260-1770
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: (614)719-2858
Email: patents@mwn.com
Correspondent Name: Courtney J. Miller
Address Line 1: 21 East State Street
Address Line 2: Suite 1700
Address Line 4: Columbus, OHIO 43215

ATTORNEY DOCKET NUMBER:	07783-0255-U1
NAME OF SUBMITTER:	Courtney J. Miller

Total Attachments: 10

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TO: COURTNEY J. MILLER COMPANY: 100 PINE STREET, P.O. BOX 1166

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.108/15/2007
500334800

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
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Phone:	(614)719-2858						
Email:	patents@mwn.com						
Correspondent Name:	Courtney J. Miller						
Address Line 1:	100 Pine Street, P.O. Box 1166						
Address Line 2:	McNees Wallace & Nurick LLC						
Address Line 4:	Harrisburg, PENNSYLVANIA 17108						
ATTORNEY DOCKET NUMBER:	07783-0255						
NAME OF SUBMITTER:	Courtney J. Miller						
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PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

01/10/2008

500436302

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NAME OF SUBMITTER:	Courtney J. Miller										
Total Attachments: 2											

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TO: COURTNEY J. MILLER COMPANY: 21 EAST STATE STREET

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TO: COURTNEY J. MILLER COMPANY: 21 EAST STATE STREET

Attorney Docket No.: 07783-0233

JOINT ASSIGNMENT OF APPLICATION

Whereas, We, Charles W. Carrier and Chen-yu J. Chou, hereafter referred to as "applicants" or "assignors", who reside at the corresponding addresses provided below, have invented certain new and useful improvements in a **SYSTEM FOR MANUFACTURING A ROTOR HAVING AN MMC RING COMPONENT AND A UNITARY AIRFOIL COMPONENT**

for which an application for a United States Patent will be subsequently filed. We hereby authorize and request an attorney having the power of attorney to prosecute the application from McNees Wallace & Nurick LLC of 100 Pine Street, P.O. Box 1166, Harrisburg, PA 17108 to insert here in parenthesis (Application number 11/557, 146, filed November 8, 2006) the filing date and application number of the application when known.

Whereas, **GENERAL ELECTRIC CORPORATION**, whose street address is One River Road, Schenectady, NY 12345, herein referred to as "assignee," is desirous of acquiring the entire right, title and interest in the same.

Now, therefore, in consideration of the sum of one dollar (\$1.00), the receipt whereof is acknowledged and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, We as assignors have sold, assigned, transferred, and set over, and hereby sell, assign, transfer and set over unto the assignee, its lawful successors and assigns, our entire right, title and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be

TO: COURTNEY J. MILLER COMPANY: 21 EAST STATE STREET

Attorney Docket No.: 07783-0255

JOINT ASSIGNMENT OF APPLICATION

Whereas, We, **Charles W. Carrier** and **Chen-yu J. Chou**, hereafter referred to as "applicants" or "assignors", who reside at the corresponding addresses provided below, have invented certain new and useful improvements in a **SYSTEM FOR MANUFACTURING A ROTOR HAVING AN MMC RING COMPONENT AND A UNITARY AIRFOIL COMPONENT**

for which an application for a United States Patent will be subsequently filed. We hereby authorize and request an attorney having the power of attorney to prosecute the application from **McNees Wallace & Nurick LLC** of 100 Pine Street, P.O. Box 1166, Harrisburg, PA 17108 to insert here in parenthesis (Application number 11/557,646, filed November 8, 2006) the filing date and application number of the application when known.

Whereas, **GENERAL ELECTRIC COMPANY**, whose street address is **One River Road, Schenectady, NY 12345**, herein referred to as "assignee," is desirous of acquiring the entire right, title and interest in the same.

Now, therefore, in consideration of the sum of one dollar (\$1.00), the receipt whereof is acknowledged and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, We as assignors have sold, assigned, transferred, and set over, and hereby sell, assign, transfer and set over unto the assignee, its lawful successors and assigns, our entire right, title and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent

TO: COURTNEY J. MILLER COMPANY: 21 EAST STATE STREET

Attorney Docket No.: 07783-0255

granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this assignment;

AND, We hereby covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, We hereby further covenant and agree that We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce Letters Patent for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

We hereby declare that all statements made herein and on the accompanying Assignment Recordal Letter of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under

TO: COURTNEY J. MILLER COMPANY: 21 EAST STATE STREET

Attorney Docket No.: 07783-0255

Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing therefrom.

IN WITNESS WHEREOF and INTENDING TO BE LEGALLY BOUND, we hereunto set our hands having read and understood this Assignment.

County of Hamilton)
State of Ohio)

Charles W. CARRIER
SS. 8344 Grey Fox Drive
West Chester, OH 45069

By: Charles W. Carrier

Date: 11/3/2006

Subscribed and Sworn to me this 3RD day of November, 2006.

D. Michelle Bischof

Notary Public

D. MICHELLE BISCHOF

Notary Public, State of Ohio

My Commission Expires June 4, 2008 *****

County of Hamilton)
State of Ohio)

Chen-yu J. CHOU
SS. 7414 Heathcock Court
Cincinnati, OH 45241

By: Chen-yu J. Chou

Date: 10-30-2006

Subscribed and Sworn to me this 3RD day of November, 2006.

D. Michelle Bischof

Notary Public

D. MICHELLE BISCHOF

Notary Public, State of Ohio

My Commission Expires June 4, 2008

Page 3 of 3

PATENT

RECORDED: 02/19/2008

REEL: 020527 FRAME: 0512