

Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Nicholas Joseph Kray
Christopher Lee McAfee
Dong-Jin Shim

2. Name and address of receiving party(ies)

Name: General Electric Company

Internal Address: _____

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) December 14 & 20, 2011

- Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

Street Address: One River Road

City: Schenectady

State: NY

Country: USA Zip: 12345

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

13/331,418

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Steven J. Rosen
Patent Attorney

Internal Address: _____

Street Address: 4729 Cornell Road

City: Cincinnati

State: OH Zip: 45241

Phone Number: 513-489-5383

Fax Number: 513-489-5466

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

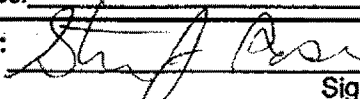
8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 07-0865

Authorized User Name _____

9. Signature:


Signature

January 11, 2012
Date

Steven J. Rosen, Patent Attorney

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

REEL: 027545 FRAME: 0249

700478115

CH \$40.00 070865 13331418

Docket No. 254148

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/our employer), and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

Nicholas Joseph Kray of **Mason, OH**

Christopher Lee McAfee of **Fairfield, OH**

Dong-Jin Shim of **Cohoes, NY**

hereby sell and assign to [Assignee, if assignee is GE, then **General Electric Company, a New York Corporation**, having an address at 1 River Road, Schenectady, New York 12345, USA] hereinafter referred to as "Company", its successors and assigns my/our entire respective rights, titles and interests in and to the invention and improvements invented and originated by me/us and described in the non-provisional US Patent Application No. 13/331,418, Filed December 20, 2011, for United States Patent currently entitled:

COMPOSITE ROTOR AND VANE ASSEMBLIES WITH INTEGRAL AIRFOILS

Executed concurrently herewith, 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 Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company 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 Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

Docket No. 254148

COMPOSITE ROTOR AND VANE ASSEMBLIES WITH INTEGRAL AIRFOILS

INVENTOR 1

Nicholas Joseph Kray

Signature: [Handwritten Signature]

Date: Dec 14, 2011

STATE OF OHIO

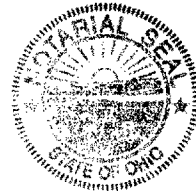
ss.

COUNTY OF HAMILTON

This 14th day of December, 2011 before me personally came the above-named **Nicholas Joseph Kray**, 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

[Handwritten Signature]
(Notary Public)



KIMBERLY PENDLETON
Notary Public, State of Ohio
My Commission Expires April 8, 2012

INVENTOR 2

Christopher Lee McAfee

Signature: [Handwritten Signature]

Date: 12-14-2011

STATE OF OHIO

ss.

COUNTY OF HAMILTON

This 14th day of December, 2011 before me personally came the above-named **Christopher Lee McAfee**, 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

[Handwritten Signature]
(Notary Public)



KIMBERLY PENDLETON
Notary Public, State of Ohio
My Commission Expires April 8, 2012

Docket No. 254148
COMPOSITE ROTOR AND VANE ASSEMBLIES WITH INTEGRAL AIRFOILS

INVENTOR 3

Dong-Jin Shim

Signature: *[Handwritten Signature]*

Date: 12/20/11

New York R.M.L. - 12/20/11
STATE OF ~~OHIO~~
Sherectady R.M.L. - 12/20/11
COUNTY OF ~~HAMILTON~~ ss.

This 20th day of December, 2011 before me personally came the above-named **Dong-Jin Shim**, 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)

RITA M. LYNCH
Notary Public, State of New York
Qual. in *Albany* Co. No. 011Y607976A
Commission Expires 8/29/2014