

9-19-05

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09-26-2005



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Tab settings

To the Honorable Commissioner of Patents

Use attached original documents or copy thereof.

1. Name of conveying party(ies):

Jon Raymond GROH  
Eric Allen OTT  
Robert Edward SCHAFFRIK  
Daniel Donald KRUEGER

2. Name and address of receiving party(ies)

Name: General Electric Company

Internal Address:

113009 U.S. PTO  
11/229823



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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Street Address: One River Road

City: Schenectady State: NY Zip: 12345

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

Execution Date: 08/01/2005 and 09/12/2005

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: September 19, 2005

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Shawn K. Leppo

Internal Address: McNeas Wallace & Nurick LLC

Street Address: 100 Pine Street, P.O. Box 1166

City: Harrisburg State: PA Zip: 17108-1166

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

50-1059

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Shawn K. Leppo

Name of Person Signing

#59311  
Signature

September 19, 2005

Date

09/23/2005 DBYKNE 0000093 501059 11229823

Total number of pages including cover sheet, attachments, and documents: 7

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Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

## JOINT ASSIGNMENT OF APPLICATION

Whereas, We, **Jon Raymond GROH, Eric Allen OTT, Robert Edward SCHAFRIK,**  
and **Daniel Donald KRUEGER** hereafter referred to as "applicants" or "assignors", who  
reside at the corresponding addresses provided below, have invented certain new and  
useful improvements in a(n) **METHOD FOR MAKING A COMPOSITIONALLY GRADED  
GAS TURBINE DISK.**

- 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 \_\_\_\_\_, filed September 19, 2005 ) the filing date  
and application number of the application when known.
- for which an application for a United States Patent was filed on  
\_\_\_\_\_.

and

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 which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks 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 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 )

SS. Jon Raymond GROH  
6343 Dusty Wind Lane  
Loveland, OH 45140

By: *Jon Raymond Groh*

Date: 8/11/2005

Subscribed and Sworn to me  
this 1st day of August, 2005

*Kimberly M. Howard*  
Notary Public

Kimberly M. Howard  
Notary Public, State of Ohio  
My Commission Expires  
October 2, 2006  
Recorded in Hamilton County

County of Hamilton )  
 )  
 )  
State of Ohio )

Eric Allen OTT  
SS. 9885 Meadow Hills Drive  
Cincinnati, OH 45241

By: Eric Allen Ott

Date: 8/1/2005

Subscribed and Sworn to me  
this 1st day of August, 2005

Kimberly M. Howard  
Notary Public

Kimberly M. Howard  
Notary Public, State of Ohio  
My Commission Expires  
October 2, 2006  
Recorded In Hamilton County

County of Hamilton )  
 )  
 )  
State of Ohio )

Robert Edward SCHAFFRIK  
SS. 9918 Pheasantwalk Court  
Cincinnati, OH 45241

By: Robert Edward Schaffrik

Date: 8/1/2005

Subscribed and Sworn to me  
this 1st day of August, 2005

Kimberly M. Howard  
Notary Public

Kimberly M. Howard  
Notary Public, State of Ohio  
My Commission Expires  
October 2, 2006  
Recorded In Hamilton County

County of Hamilton )  
 )  
State of Ohio )

Daniel Donald KRUEGER  
SS. 10295 Deerhollow Lane  
Cincinnati, OH 45252

By: Kim R. Krueger for Daniel Donald Krueger

Date: 9/12/05

Subscribed and Sworn to me  
this 12<sup>th</sup> day of September, 2005

Erin Ray  
Notary Public



**ERIN RAY**  
Notary Public, State of Ohio  
My Commission Expires  
June 13, 2010