

06-07-1999

Docket No. 13DVI3059

FORM PTO 1-395  
1-31-92



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101057643

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
RAMGOPAL DAROLIA  
JEFFREY A. PFAENDTNER  
WILLIAM S. WALSTON

MRD  
5-26-99

2. Name and address of receiving party(ies):

Name: General Electric Company

Internal Address: \_\_\_\_\_

Street Address: One River Road

City: Schenectady State: NY ZIP: 12345

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: May 7, 1999  
May 10, 1999 May 11, 1999

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

4. Application number(s) or patent number(s): 09/318,636

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

May 7, 1999 May 10, 1999 May 11, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: General Electric Company

Internal Address:

Attn: Andrew C. Hess

GE Aircraft Engines

Street Address: One Neumann Way, M/D H17

City: Cincinnati State: OH ZIP: 45215

Customer Number: 006111

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:

07-0865

DO NOT USE THIS SPACE

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.*

DAVID L. NARCISO  
Name of Person Signing

*[Signature]*  
Signature

May 12, 1999  
Date

Total number of pages including cover sheet, attachments and document  3

OMB No. 0651-0011 (exp 4/94)

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Mail documents to be recorded with required cover sheet information to:

**Commissioner of Patents and Trademarks**  
**Box Assignments**  
**Washington, D.C. 20231**

06/07/1999 15:48:58 00000007 070865 09338636  
01 FD:581 40.00 CF

U.S. PATENT  
OFFICE  
05/26/99

**ASSIGNMENT**

ATTORNEY'S DOCKET NO.

13DV13059

In consideration of One Dollar and Other good and valuable consideration, of which we acknowledge receipt,

we, RAMGOPAL DAROLIA JEFFREY A. PFAENDTNER

WILLIAM S. WALSTON

of WEST CHESTER, OHIO; BLUE ASH, OHIO; and MAINEVILLE, OHIO; respectively

sell and assign to General Electric Company, a New York Corporation, its successors and assigns the entire right, title and interest in and to the improvements in:

COMPOSITIONS AND SINGLE-CRYSTAL ARTICLES OF HAFNIUM-MODIFIED AND/OR  
ZIRCONIUM-MODIFIED NICKEL-BASE SUPERALLOYS

invented by us, as described in the application for United States patent executed concurrently herewith, and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions 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 patents on said improvements or resulting therefrom to said General Electric 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 us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing 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 improvements in all countries.

<u>May 7</u> 19 <u>99</u>	<u>Ramgopal Darolia</u> RAMGOPAL DAROLIA
<u>May 10</u> 19 <u>99</u>	<u>Jeffrey A. Pfandtner</u> JEFFREY A. PFAENDTNER
<u>May 11</u> 19 <u>99</u>	<u>William S. Walston</u> WILLIAM S. WALSTON
_____ 19	_____

State of OHIO )  
County of HAMILTON ) ss:

This 7 day of May, 19 99, before me personally came the

above-named RAMGOPAL DAROLIA 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.

Joanna Mackey  
Notary Public

JOANNA MACKEY  
Notary Public, State of Ohio  
My Commission Expires Feb. 24, 2001

**ASSIGNMENT**

ATTORNEY'S DOCKET NO.

13DV13059

State of OHIO )  
County of HAMILTON ) ss

This 10th day of May, 19 99, before me personally came the above-named JEFFREY A. PFAENDTNER 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.

Joanna Mackey  
Notary Public

State of OHIO )  
County of HAMILTON ) ss

JOANNA MACKEY  
Notary Public, State of Ohio  
My Commission Expires Feb. 24, 2001

This 11 day of May, 19 99, before me personally came the above-named WILLIAM S. WALSTON 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.

Joanna Mackey  
Notary Public

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss

JOANNA MACKEY  
Notary Public, State of Ohio  
My Commission Expires Feb. 24, 2001

This \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_, before me personally came the above-named \_\_\_\_\_ 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.

\_\_\_\_\_  
Notary Public