

MRD 5-24-99

06-07-1999



Docket No. 13DV13079

FORM PTO 1595  
1-31-92101057991 COVER SHEET  
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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

## 1. Name of conveying party(ies):

GILBERT FARMER  
JAMES A. GROESCHEN  
JASON P. HOPPA  
STANFORD P. SETOAdditional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

## 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) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: May 17, '99 May 17, '99

May 20, '99 May 17, '99

## 4. Application number(s) or patent number(s): 13DV13079

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

May 17, '99 May 17, '99 May 20, '99 May 17, '99

A. Patent Application No.(s)

B. Patent No.(s)

09/317243

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:

☐

## 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.*

RODNEY M. YOUNG

Name of Person Signing

Signature

5/24/99

Total number of pages including cover sheet, attachments and document ☐ 4

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

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FORM PTO 1595  
1-31-92RECORDATION FORM COVER SHEET  
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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

## 1. Name of conveying party(ies):

MARWAN AL-ROUB

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

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

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- ☐ Enclosed  
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Washington, D.C. 20231**J0511 PTO  
09/31/243  
05/24/99

**ASSIGNMENT**

ATTORNEY'S DOCKET NO.

13DV13079

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

we, GILBERT FARMERJAMES A. GROESCHENJASON P. HOPPASTANFORD P. SETOMARWAN AL-ROUB

of CINCINNATI, OHIO; BURLINGTON, KENTUCKY; SPRINGDALE, OHIO; LOVELAND, OHIO; and  
CINCINNATI, OHIO;

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:

-----METHOD OF FORMING A SWIRLER WITH AS-CAST HOLES-----

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.

May 17 19 99May 17 19 99May 20 19 99May 17 19May 17 19 9919Gilbert Farmer  
GILBERT FARMERJames A. Groeschel  
JAMES A. GROESCHENJason P. Hoppa  
JASON P. HOPPAStanford P. Seto  
STANFORD P. SETOMarwan Al-Roub  
MARWAN AL-ROUBState of OHIO )County of HAMILTON ) ss:

This 17<sup>th</sup> day of May, 19 99, before me personally came the  
above-named GILBERT FARMER

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.

Marie M. Fehl

Notary Public

**PATENT****REEL: 009993 FRAME: 0995**

**ASSIGNMENT**

ATTORNEY'S DOCKET NO.

13DV13079

State of OHIO )  
County of HAMILTON ) ss

This 17<sup>th</sup> day of May, 19 99, before me personally came the above-named JAMES A. GROESCHEN 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.

Marie M. Fehl

Notary Public

State of OHIO )  
County of HAMILTON ) ss

**MARIE M. FEHL**  
Notary Public, State of Ohio  
My Commission Expires Dec. 2, 1999

This 20<sup>th</sup> day of May, 19 99, before me personally came the above-named JASON P. HOPPA 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.

Marie M. Fehl

Notary Public

State of OHIO )  
County of HAMILTON ) ss

**MARIE M. FEHL**  
Notary Public, State of Ohio  
My Commission Expires Dec. 2, 1999

This 17<sup>th</sup> day of May, 19 99, before me personally came the above-named STANFORD P. SETO 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.

Marie M. Fehl

Notary Public

State of OHIO )  
County of HAMILTON ) ss

**MARIE M. FEHL**  
Notary Public, State of Ohio  
My Commission Expires Dec. 2, 1999

This 17<sup>th</sup> day of May, 19 99, before me personally came the above-named MARWAN AL-ROUB 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