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03/28/2007

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

FORM PTO-1595  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)

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1. Name of conveying party(ies):

- 1) Ayman Mohamed Fawzi El-Refaie
- 2) John Michael Kern
- 3) Manoj Ramprasad Shah

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

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

General Electric Company  
1 River Road  
Schenectady, New York 12345  
United States

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

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other:
- Merger
- Change of Name

Execution Date: 1) March 26, 2007 2) March 23, 2007  
3) March 26, 2007

4. Application number(s) or patent number(s): N/A

If this document is being filed together with a new application, the execution date of the application is: 1) March 26, 2007  
2) March 23, 2007  
3) March 26, 2007

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  
Address: Global Research Patent Docket Rm. 4A59  
1 Research Circle  
Niskayuna, NY 12309

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 No. 07-0868.

8. Please charge any additional fees or credit any overpayments to our Deposit account number:

Statement and signature:

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Dwight N. Holmbo  
Name of Person Signing

*Dwight N. Holmbo*  
Signature

March 28, 2007  
Date

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PATENT  
REEL: 019168 FRAME: 0556

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

<b>Ayman Mohamed Fawzi El-Rafaie</b>	of	<b>Niskayuna, New York</b>
<b>John Michael Kern</b>	of	<b>Rexford, New York</b>
<b>Manoj Ramprasad Shah</b>	of	<b>Latham, New York</b>
	of	
	of	
	of	
	of	
	of	
	of	
	of	
	of	

hereby sell and assign to **General Electric Company, a New York Corporation**, (hereinafter referred to as Assignee) having an address at 1 River Road, Schenectady, New York 12345, USA, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled:

**FAULT-TOLERANT PERMANENT MAGNET MACHINE WITH RECONFIGURABLE STATOR CORE SLOT FLUX PATHS**

executed concurrently herewith,

filed on \_\_\_\_\_ having Serial Number \_\_\_\_\_

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

INVENTOR I

Signature: \_\_\_\_\_  
Ayman Mohamed Fawzi El-Rafaie

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

*Mohamed Fawzi*  
*Ayman EL-Rafaie*  
Ayman Mohamed Fawzi El-Rafaie

Date: 3/26/2007

STATE OF New York

ss.

COUNTY OF Schenectady

This 26<sup>th</sup> day of March, 2007 before me personally came the above-named **Ayman Mohamed Fawzi El-Rafaie**, 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, State of New York  
Qual. in Albany Co. No. 01LY6079764  
Commission Expires 3/29/2010

*Rita M. Lynch*  
\_\_\_\_\_  
(Notary Public)

INVENTOR 2

Signature: \_\_\_\_\_  
**John Michael Kern**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

  
**John Michael Kern**

Date: March 23, 2007

STATE OF New York

ss.

COUNTY OF Schenectady

This 23<sup>rd</sup> day of March, 2007 before me personally came the above-named **John Michael Kern**, 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, State of New York  
Qual. in Albany Co. No. 01176079786  
Commission Expires 5/21/2010

  
\_\_\_\_\_  
(Notary Public)

INVENTOR 3

Signature: \_\_\_\_\_  
**Manoj Ramprasad Shah**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

*Manoj Ramprasad Shah*  
\_\_\_\_\_  
**Manoj Ramprasad Shah**

Date: March 26, 2007

STATE OF New York

ss.

COUNTY OF Schenectady

This 26th day of March, 2007 before me personally came the above-named **Manoj Ramprasad Shah**, 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, State of New York  
Qual. in Albany Co. No. 01LY6079764  
Commission Expires 8/29/2010

*Rita M. Lynch*  
\_\_\_\_\_  
(Notary Public)