

**PATENT ASSIGNMENT**

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| <b>SUBMISSION TYPE:</b>  | NEW ASSIGNMENT              |
| <b>NATURE OF CONVEYANCE:</b>   | ASSIGNMENT                  |
| <b>CONVEYING PARTY DATA</b>  |                             |
| <b>Name</b>  | <b>Execution Date</b>       |
| Roy Anthony Carter   | 04/19/2010                  |
| Ravindra Mahavir Desai   | 04/22/2010                  |
| <b>RECEIVING PARTY DATA</b>  |                             |
| <b>Name:</b>   | General Electric Company    |
| <b>Street Address:</b>   | 1 River Road                |
| <b>City:</b>   | Schenectady                 |
| <b>State/Country:</b>  | NEW YORK                    |
| <b>Postal Code:</b>  | 12345                       |
| <b>PROPERTY NUMBERS Total: 1</b>   |                             |
| <b>Property Type</b>   | <b>Number</b>               |
| <b>Application Number:</b>   | 12784638                    |
| <b>CORRESPONDENCE DATA</b>   |                             |
| <b>Fax Number:</b>   | (404)853-8806               |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> |                             |
| <b>Phone:</b>  | 404-853-8184                |
| <b>Email:</b>  | mark.jones@sutherland.com   |
| <b>Correspondent Name:</b>   | Mark Lehi Jones, Ph.D.      |
| <b>Address Line 1:</b>   | 999 PEACHTREE STREET, N.E.  |
| <b>Address Line 4:</b>   | ATLANTA, GEORGIA 30309-3996 |
| <b>ATTORNEY DOCKET NUMBER:</b>   | 19441-0452                  |
| <b>NAME OF SUBMITTER:</b>  | Mark Lehi Jones             |

**CH \$40.00 12784638**

**Total Attachments: 4**  
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**PATENT  
 REEL: 024421 FRAME: 0909**



## ASSIGNMENT

In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we, **Roy Anthony Carter**, a citizen of the United States of America, with a mailing address of 1501 Roanoke Boulevard, Salem, Virginia, 24153, USA; and **Ravindra Mahavir Desai**, a citizen of India, with a mailing address of Unit No. #02-01 Second Floor, Block 1 Cyber Pearl, HITEC City, Hyderabad Andhra Pradesh 500081 INDIA, hereby sell and assign to **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 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 "**SYSTEMS, METHODS, AND APPARATUS FOR CONTROLLING ACTUATOR DRIVE CURRENT USING BI-DIRECTIONAL HYSTERESIS CONTROL,**"

X  executed concurrently herewith,  
\_\_\_\_ signed as of \_\_\_\_\_, or  
\_\_\_\_ 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 Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I/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

**ASSIGNMENT**

**Title: "SYSTEMS, METHODS, AND APPARATUS FOR CONTROLLING ACTUATOR DRIVE CURRENT USING BI-DIRECTIONAL HYSTERESIS CONTROL"**

**Attorney Docket No.: 19441-0452**

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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.

**ASSIGNMENT**

**Title: "SYSTEMS, METHODS, AND APPARATUS FOR CONTROLLING ACTUATOR DRIVE CURRENT USING BI-DIRECTIONAL HYSTERESIS CONTROL"**

**Attorney Docket No.: 19441-0452**

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Signature: \_\_\_\_\_  
**Roy Anthony Carter**

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**

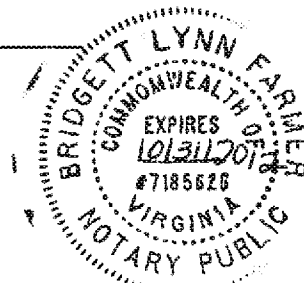
Roy Anthony Carter  
Roy Anthony Carter

Date: April 19, 2010

STATE OF Virginia )  
COUNTY OF Roanoke ) ss.

This 19 day of April, 2010, before me personally came the above named **Roy Anthony Carter** 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) Bridgett Farmer  
(Notary Public)



ASSIGNMENT

Title: "SYSTEMS, METHODS, AND APPARATUS FOR CONTROLLING ACTUATOR DRIVE CURRENT USING BI-DIRECTIONAL HYSTERESIS CONTROL"

Attorney Docket No.: 19441-0452

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Signature: [Signature]  
Ravindra Mahavir Desai

Date: Apr-22, 2010

Witnessed by: [Signature]  
Signature

Date: 22/04/2010

Shantanu Choudhary  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: 22/04/2010

Mashaq Maqbool  
Printed Name of Witness

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

\_\_\_\_\_  
Ravindra Mahavir Desai Date: \_\_\_\_\_

STATE OF \_\_\_\_\_ )

ss.

COUNTY OF \_\_\_\_\_ )

This \_\_\_\_\_ day of \_\_\_\_\_, 2010, before me personally came the above named Ravindra Mahavir Desai, 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)

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

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