

07-15-2005

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**

Jeremy Thomas McGarry; Somakumar Ramachandra-Panicker;  
Ajith Kuttannair Kumar; Venkatarao Ryali;  
Bret Dwayne Worden; Jeffrey Louis Daigle;  
Paul Kenneth Houpt

06/10/2005; 06/13/2005; 06/10/2005;  
06/13/2005; 06/10/2005; 06/10/2005;

Execution Date(s) 06/13/2005

Additional 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: 1 River Road

City: Schenectady

State: New York

Country: USA Zip: 12345

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

**3. Nature of conveyance:**

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

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

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Patrick S. Yoder

Internal Address: FLETCHER YODER

7915 F.M. 1960 West, Suite 330, Houston, TX 77070

Street Address: 7915 F.M. 1960 West

Suite 330

City: Houston

State: Texas Zip: 77070

Phone Number: (281) 970-4545

Fax Number: (281) 970-4503

Email Address: yoder@fyiplaw.com

**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 07-0868/162254-1/YOD

Authorized User Name \_\_\_\_\_

**9. Signature:**

*PS*

Signature

June 30, 2005

Date

07/14/2005 DBYRNE 00000017 070868 11173299

40.00 0A Patrick S. Yoder

Name of Person Signing

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

10

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT  
REEL: 016764 FRAME: 0063

**ASSIGNMENT**

In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or, as applicable, to other agreements (such as, but not limited to, the Services Agreement between the General Electric Company, a New York Corporation, and GE India Technology Centre Private Limited, a Company incorporated under the Indian Companies Act 1956), and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

<b>Jeremy Thomas McGarry</b>	of	<b>Erie, PA</b>
<b>Somakumar Ramachandra-Panicker</b>	of	<b>Bangalore, India</b>
<b>Ajith Kuttannair Kumar</b>	of	<b>Erie, PA</b>
<b>Venkatarao Ryali</b>	of	<b>Bangalore, India</b>
<b>Bret Dwayne Worden</b>	of	<b>Union City, PA</b>
<b>Jeffrey Louis Daigle</b>	of	<b>Erie, PA</b>
<b>Paul Kenneth Houpt</b>	of	<b>Schenectady, New York</b>

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:

**SYSTEM AND METHOD FOR LOCOMOTIVE ADHESION CONTROL**

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.

DOCKET NUMBER: 162254-1

INVENTOR 1

Signature: Jeremy Thomas McGarry  
Jeremy Thomas McGarry

Date: 6/10/2005

Witnessed by: Brian Celidonia  
Signature

Date: 6/10/2005

Brian Celidonia  
Printed Name of Witness

Witnessed by: Theodore C Brown  
Signature

Date: 6/10/2005

Theodore C Brown  
Printed Name of Witness

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

\_\_\_\_\_  
Jeremy Thomas McGarry Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Jeremy Thomas McGarry**, 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)

INVENTOR 2

Signature: Somakumar Ramachandra Panicker Date: JUNE 13, 2005  
Somakumar Ramachandra-Panicker

Witnessed by: PABITRA KUMAR CHAKRABARTI Date: JUNE 13, 2005  
Signature

PABITRA KUMAR CHAKRABARTI  
Printed Name of Witness

Witnessed by: Sunil Srinivasa Murthy Date: JUNE 13, 2005  
Signature

SUNIL SRINIVASA MURTHY  
Printed Name of Witness

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

\_\_\_\_\_  
Somakumar Ramachandra-Panicker Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Somakumar Ramachandra-Panicker**, 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)

DOCKET NUMBER: 162254-1

INVENTOR 3

Signature: Ajith Kuttannair Kumar Date: June 10, 2005  
Ajith Kuttannair Kumar

Witnessed by: Robert J. Aiton Jr Date: 06/10/2005  
Signature  
Robert J. Aiton Jr  
Printed Name of Witness

Witnessed by: Brian Celidonia Date: 6/10/2005  
Signature  
Brian Celidonia  
Printed Name of Witness

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

\_\_\_\_\_ Date: \_\_\_\_\_  
Ajith Kuttannair Kumar

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Ajith Kuttannair Kumar**, 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)

INVENTOR 4

Signature: Venkatarao Ryali  
Venkatarao Ryali

Date: JUNE 13, 2005

Witnessed by: PABITRA KUMAR CHAKRABARTI Date: JUNE 13, 2005  
Signature

PABITRA KUMAR CHAKRABARTI  
Printed Name of Witness

Witnessed by: Sunil Srinivasa Murthy Date: JUNE 13, 2005  
Signature

SUNIL SRINIVASA MURTHY  
Printed Name of Witness

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

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\_\_\_\_\_ Date: \_\_\_\_\_  
Venkatarao Ryali

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Venkatarao Ryali**, 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)

DOCKET NUMBER: 162254-1

INVENTOR 5

Signature: Bret Dwayne Worden  
Bret Dwayne Worden

Date: 6-10-05

Witnessed by: Robert J. Altan Jr.  
Signature

Date: 06-10-2005

Robert J. Altan Jr.  
Printed Name of Witness

Witnessed by: Brian Celidonia  
Signature

Date: 6/10/2005

Brian Celidonia  
Printed Name of Witness

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

\_\_\_\_\_  
Bret Dwayne Worden Date: \_\_\_\_\_

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ ss.

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Bret Dwayne Worden**, 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)

DOCKET NUMBER: 162254-1

INVENTOR 6

Signature: Jeffrey Louis Daigle  
Jeffrey Louis Daigle

Date: 6/10/2005

Witnessed by: Robert J. Altan Jr.  
Signature

Date: 06/10/2005

Robert J. Altan Jr.  
Printed Name of Witness

Witnessed by: Brian Celidonia  
Signature

Date: 6/10/2005

Brian Celidonia  
Printed Name of Witness

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

\_\_\_\_\_  
Jeffrey Louis Daigle Date: \_\_\_\_\_

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ ss.

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Jeffrey Louis Daigle**, 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)



DOCKET NUMBER: 162254-1

INVENTOR 7

Signature: Paul Kenneth Houpt  
Paul Kenneth Houpt

Date: 6/13/2005

Witnessed by: [Signature]  
Signature

Date: 6/13/2005

MARIA CECILIA MAZZARO.  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: 6/13/05

Kit Yan Sim  
Printed Name of Witness

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

\_\_\_\_\_  
Paul Kenneth Houpt Date: \_\_\_\_\_

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ ss.

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Paul Kenneth Houpt**, 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)