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

1. Name of conveying party(ies):  
Prakash Bedapudi  
*1-2304*  
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: One River Road  
City: Schenectady State: NY Zip: 12301  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: 01/07/2004

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_  
A. Patent Application No.(s)  
10/638,102 (Conf. #2839)  
Additional numbers attached?  Yes  No

6. Total number of applications and patents involved:  0  1

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Gerald W. Spinks  
Internal Address: \_\_\_\_\_  
Street Address: P. O. Box 2467  
City: Bremerton State: WA Zip: 98310

7. Total fee (37 CFR 3.41).....\$ 40  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number:  
07-0846 (General Electric Transportation Systems)  
(Attach duplicate copy of this page if paying by deposit account)

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.*  
Gerald W. Spinks  
Name of Person Signing  
*[Signature]*  
Signature  
January 19, 2004  
Date  
Total number of pages including cover sheet, attachments, and documents:  0  3

01/30/2004 DBYRNE 00000019-070846-10638102  
01 FC:8081 40.00 DA

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

## PATENT APPLICATION ASSIGNMENT

**WHEREAS, I, PRAKASH BEDAPUDI**, a Citizen of United States of America, residing at 10944 DEER CREEK DR, TYLER, TX-75707 have invented a system for **PARTICULATE FILTER AFTERTREATMENT OF DIESEL ENGINE EXHAUST**, hereinafter called the "invention", which application is being made for Letters Patent, **US Serial No. 10/638,102 filed August 7, 2003** and is further identified by Attorney's Docket No. GE128543US35.

**WHEREAS**, General Electric Company, a corporation of the State of New York, One River Road, Schenectady, New York 12301, is desirous of acquiring our entire right, title and interest in said application and our Letters Patent which may issue thereon.

**AND, WHEREAS**, GENERAL ELECTRIC COMPANY of One River Road, Schenectady, New York 12301, a corporation of the State of New York (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring certain rights thereunder;

**NOW, THEREFORE**, for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, I have agreed to and do hereby sell, assign, and transfer unto said ASSIGNEE the entire right, title, and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said invention, said United States application, any other United States applications, including **US Serial No. 60/402,391 filed August 9, 2002** (including provisional, non-provisional, divisional, continuing, or reissue applications) based in whole or in part on said United States application or in whole or in part on said invention, any foreign applications based in whole or in part on any of the aforesaid United States applications or in whole or in part on said invention, and any and all patents (including extensions thereof) of any country which have been or may be granted on any of the aforesaid applications or on said invention or any part thereof;

**TO BE HELD AND ENJOYED** by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me had no sale and assignment of said interest been made;

**AND I** hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said ASSIGNEE;

**AND I** hereby agree for myself and for my heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

**AND I** hereby covenant for myself and my legal representatives, and agree with said ASSIGNEE, its successors and assigns, that I have granted no right or license to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this deed my right, title, and interest in said invention had not been otherwise encumbered, and that I have not executed and will not execute any instrument in conflict herewith.

**IN WITNESS WHEREOF**, I have hereunto set my hand.

01/07/2004  
Date

Prakash Bedapudi  
PRAKASH BEDAPUDI

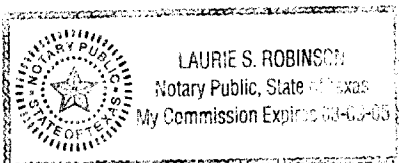
ACKNOWLEDGEMENT

STATE OF TEXAS

COUNTY OF SMITH

On 7<sup>th</sup> Day of January, 2004, before me, a Notary Public, personally appeared PRAKASH BEDAPUDI, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.



Laurie S. Robinson  
Notary Public

My Commission Expires:

03/09/05