

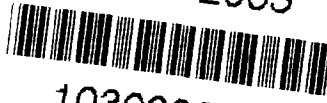
10-14-2005

Form PTO-1595
(Rev. 10/02)

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OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

103099234

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

1. Name of conveying party(ies):

Jeff Fries

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

3. Nature of conveyance:

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

Execution Date: September 29, 2005

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

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: 10/03/05

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: Terry M. Sanks

Internal Address: _____

Beusse Brownlee Wolter Mora & Maire, P.A

Street Address: 390 N. Orange Avenue

Suite 2500

City: Orlando State: FL Zip: 32801

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

8. Deposit account number:

07-0846

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9. Signature.

10/13/2005 DBYRNE 00000219 070846 11242333

01 FC:0021

Terry M. Sanks

Name of Person Signing

Signature

October 3, 2005

Date

Total number of pages including cover sheet, attachments, and documents: 3

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

PATENT
 REEL: 017069 FRAME: 0103

ASSIGNMENT

WHEREAS, I, Jeff Fries, a Citizen of the United States of America, residing at 427 East 70th Terrace, Kansas City, MO 64131, a Citizen of the United States of America, have invented an improvement in **METHOD AND SYSTEM FOR CALCULATING RAILROAD TRACK BALLAST RESISTANCE** (GETS Docket No. 190213/Our File No. 624226-469) and has executed an application for a United States patent based 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 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. I further hereby sell, assign and transfer to said ASSIGNEE whatever cause of action we may have for past or present infringement of said invention or patents, together with the right to bring suit for any such infringement and to seek and receive damages and other relief arising from any such infringement.

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 jointly and severally agree for myself and for my respective 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;

190213(469)

I hereby appoint the registered practitioners associated with Customer Number 50983 to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

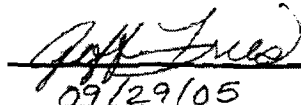
Please address all correspondence regarding this application to the address associated with Customer Number 50983.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

INVENTOR:

JEFF FRIES

INVENTOR'S SIGNATURE


09/29/05

DATE:

RESIDENCE:

427 East 70th Terrace

Kansas City, MO 64131

COUNTRY OF CITIZENSHIP: United States of America

POST OFFICE ADDRESS:

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Kansas City, MO 64131