

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Brian Hogan	04/30/2013
RECEIVING PARTY DATA	
Name:	Invensys Rail Corporation
Street Address:	2400 Nelson Miller Parkway
City:	Louisville
State/Country:	KENTUCKY
Postal Code:	40223
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13874059
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	5479-052 US
NAME OF SUBMITTER:	Margaret Filipowicz
Signature:	/Margaret Filipowicz/
Date:	04/30/2013
Total Attachments: 2 source=5479-052Assignment#page1.tif source=5479-052Assignment#page2.tif	

OP \$40.00 13874059

Docket No.: 5479-052 US

Assignment of Application

WHEREAS, I (we):

Brian HOGAN of Temecula, CA,

respectively, have invented certain new and useful improvements in:

VARIABLE FREQUENCY TRAIN DETECTION

for which the following application(s) for Letters Patent was (were) filed on the date(s) indicated below (the "Invention"):

Application No. 13/874,059, Filed: April 30, 2013

(the "Applications(s)"); and

Whereas, INVENSYS RAIL CORPORATION (hereinafter referred to as "ASSIGNEE"), having a place of business at 2400 Nelson Miller Parkway, Louisville, KY 40223 is desirous of acquiring the full and exclusive right in and to the Invention and the Application(s) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, I (we), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right in and to the Invention and the Application(s) in the United States and its territorial possessions and in any and all foreign countries, and the entire right, title and interest in and to any and all documents and things relating to the conception, reduction to practice and/or practice of the Invention and all Letters Patent which may be granted for the Invention and/or the Applications in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, continuations, substitutions, renewals and reissues thereof.

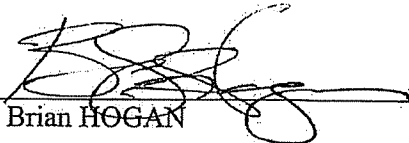
I (we) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (we) agree that I (we) will communicate to said ASSIGNEE or said ASSIGNEE's representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally, do everything possible to aid said ASSIGNEE, and said ASSIGNEE's successors and assigns, to obtain and enforce proper protection for said Invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of DLA Piper LLP (US), 500 8th Street, NW, Washington, DC 20004-2131, the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:

4/30/2013


Brian HOGAN