

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARK EDWARD KANE	02/20/2014
RECEIVING PARTY DATA	
Name:	Siemens Rail Automation Corporation
Street Address:	2400 Nelson Miller Parkway
City:	Louisville
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	8509970
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ATTORNEY DOCKET NUMBER:	2009P24133 US
NAME OF SUBMITTER:	JESSICA THOMAS
SIGNATURE:	/jt/
DATE SIGNED:	04/18/2014
Total Attachments: 1	
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Assignment (PATENT)

WHEREAS, Mark Edward KANE of Orange Park, Florida (hereinafter referred to as "ASSIGNOR"), is the owner of the entire right, title and interest in and to U.S. Patent No. 8,509,970, entitled VITAL SPEED PROFILE TO CONTROL A TRAIN MOVING ALONG A TRACK, issued August 13, 2013 (the "Patent") and the invention claimed therein (the "Invention"); and

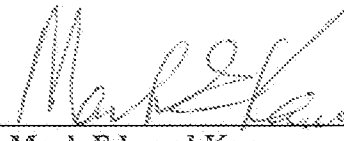
WHEREAS, SIEMENS RAIL AUTOMATION CORPORATION (as successor in interest to Quantum Engineering, Inc. and Invensys Rail Corporation) (hereinafter referred to as "ASSIGNEE"), having a place of business at: 2400 Nelson Miller Parkway, Louisville, Kentucky 40223, is desirous of acquiring the full and exclusive right in and to said Invention and all documents and things relating to the conception, reduction to practice and/or practice of the Invention (the "Related Documents") and the entire right, title and interest in and to said Patent and any Letters Patent which may be granted for the Invention in any and all foreign countries, to the extent not previously acquired;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, by these presents, does sell, assign and transfer unto said ASSIGNEE, to the extent not previously sold, assigned or transferred to said ASSIGNEE, the full and exclusive right in and to said Invention and Related Documents in the United States and its territorial possessions and in all foreign countries, and the entire right, title and interest, including the right to sue for past infringement and all rights pursuant to 35 U.S.C. §154, in and to the Patent and in and to any and all divisions, continuations, substitutions, renewals, re-examinations and extensions and reissues thereof, and in and to any Letters Patent which may be granted for the Invention in any and all foreign countries.

ASSIGNOR hereby authorizes and requests 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 the 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 ASSIGNOR had this assignment and sale not been made.

Date:

2/20/14



Mark Edward Kane