

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2819989

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HARRISON THOMAS HICKENLOOPER	09/09/2009
RECEIVING PARTY DATA	
Name:	QUANTUM ENGINEERING, INC.
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13964915
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ATTORNEY DOCKET NUMBER:	2009P24133 US01
NAME OF SUBMITTER:	JESSICA THOMAS
SIGNATURE:	/jt/
DATE SIGNED:	04/18/2014
Total Attachments: 2	
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source=ParentAssignment_Hickenlooper#page2.tif	

Docket No.: 3805-034 US

Assignment of Application

WHEREAS, I (we):

Mark Edward Kane, 741 Cherry Grove Road, Orange Park, Florida 32073
Harrison Thomas Hickenlooper, 179 Buffalo Bluff Road, Palatka, Florida 32177,
respectively,

have invented certain new and useful improvements in:

VITAL SPEED PROFILE TO CONTROL A TRAIN MOVING ALONG A TRACK

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

Application No. 12/495,378, Filed: June 30, 2009

(the "Applications(s)"); and

Whereas, QUANTUM ENGINEERING, INC. (hereinafter referred to as "ASSIGNEE"), having a place of business at 352 Stowe Avenue, Orange Park, Florida 32073 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: _____

(Signature of Inventor) Mark Edward Kane

Date: 9/9/2009

Harrison Thomas Hickenlooper
(Signature of Inventor) Harrison Thomas Hickenlooper