503069750 11/20/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOSHINOBU SODA	11/13/2014
IWAO MASUDA	11/13/2014

RECEIVING PARTY DATA

Name:	CENTRAL JAPAN RAILWAY COMPANY	
Street Address:	1-4, MEIEKI 1-CHOME	
Internal Address:	NAKAMURA-KU, AICHI	
City:	NAGOYA-SHI	
State/Country:	JAPAN	
Postal Code:	450-6101	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14402433

CORRESPONDENCE DATA

Fax Number: (603)668-2970

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 603-668-6560

Email: mstlaurent@gtpp.com

Correspondent Name: GROSSMAN, TUCKER, PERREAULT & PFLEGER, P

Address Line 1: 55 SOUTH COMMERICAL STREET

Address Line 4: MANCHESTER, NEW HAMPSHIRE 03101

ATTORNEY DOCKET NUMBER:	NIP035	
NAME OF SUBMITTER:	STEVEN J. GROSSMAN, PH.D.	
SIGNATURE:	/Steven J. Grossman, Ph.D./	
DATE SIGNED:	11/20/2014	

Total Attachments: 3

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PATENT 503069750 REEL: 034218 FRAME: 0763

ASSIGNMENT OF UNITED STATES PATENT APPLICATION

WHEREAS, I/We, Yoshinobu SODA and Iwao MASUDA made certain new and useful inventions and improvements for which I/We filed, or will be filing, an application for Letters Patent of the United States, identified as U.S. patent application serial number 14/402,433 filed on November 20, 2014 , which application is entitled:

TRACK STATUS MONITORING DEVICE

AND, WHEREAS, I/We hereby authorize and request an attorney associated with Customer Number 32047 to insert on the designated lines above, the filing date and application number of said application when known;

AND, WHEREAS, CENTRAL JAPAN RAILWAY COMPANY corporation organized and existing under and by virtue of the laws of Japan, and having an office and place of business at 1-4, Meicki 1-chome, Nakamura-ku, Nagoya-shi, Aichi, 450-6101 Japan, (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I/We have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed under the Patent Cooperation Treaty, in any regional patent offices and in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the

PATENT REEL: 034218 FRAME: 0764 International Convention, and all Letters Patent of foreign countries which may be granted there

from; and I/We do hereby authorize and request the Commissioner of Patents and Trademarks to

issue any and all United States Letter Patent for the aforesaid inventions and improvements to

the said Assignee as the assignee of the entire right, title and interest in and to the same, for the

use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, I/We do hereby agree that I/We and my/our

executors and legal representatives will make, execute and deliver any and all other instruments

in writing including any and all further application papers, affidavits, assignments and other

documents, and will communicate to said Assignee, its successors and representatives all facts

known to me/us relating to said improvements and the history thereof and will testify in all legal

proceedings and generally do all things which may be necessary or desirable more effectually to

secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in

and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits,

privileges and advantages hereby sold, assigned and conveyed, or intended so to be;

AND, furthermore, I/We covenant and agree with said Assignee, its successors and

assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and

property herein conveyed has been made to others by me/us and that full right to convey the

same as herein expressed is possessed by me/us.

AND, as a named inventor, I hereby declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed

invention in the application.

I have reviewed and understand the contents of the application, including the

claims, and I am aware of the duty to disclose to the Office all information known

to the person to be material to patentability as defined in 37 C.F.R. § 1.56.

PATENT

REEL: 034218 FRAME: 0765

Attorney Docket No.: NIP035 Page 3 of 3

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 13thday of November, 2014
Joshinobu Soda
Yoshinobu SODA
IN TESTIMONY WHEREOF, I have hereunto set my hand this 13thday of November, 2014
增田巖
Iwao MASUDA

PATENT REEL: 034218 FRAME: 0766

RECORDED: 11/20/2014