Form PTO-1595 (Rev. 03-11)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office	
OMB No. 0651-0027 (exp. 03/31/2012) RECORDATION FORM COVER SHEET PATENTS ONLY		
-		
	e record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies)	
1. Name of conveying party(les)	Name: ZTR Control Systems	
1. Aldo LIBERATORE - Executed: March 5, 2012 2. Amarjit SOORA - Executed: March 5, 2012 3. Lucas PUL - Executed: March 5, 2012	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes X No		
3. Nature of conveyance/Execution Date(s):	Street Address: 955 Green Valley Road	
Execution Date(s) See above		
Assignment Merger	City Landen	
Security Agreement Change of Name	City: London	
Joint Research Agreement	State: Ontario	
Government Interest Assignment	Country: Canada Zip: N6N 1E4	
Executive Order 9424, Confirmatory License		
Other	Additional name(s) & address(es) attached? Tyes X No	
4. Application or patent number(s):	document is being filed together with a new application.	
A. Patent Application No.(s)	B. Patent No.(s)	
13/300,236		
Additional numbers at		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: Brett J. Slaney	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00	
Internal Address: Blake, Cassels & Graydon LLP		
Commerce Court West, Suite 4000	Authorized to be charged to deposit account	
Street Address: 199 Bay Street	Enclosed	
	None required (government interest not affecting title)	
City: Toronto	8. Payment Information	
State: Ontario Zip: MSL 1A9		
Phone Number: 416-863-2518		
Fax Number: 416-863-2653	Deposit Account Number <u>02-2553</u>	
Email Address: brett.slanev@blakes.com	Authorized User Name_Brett J. Slaney	
	Mar. 8/12	
9. Signature:	Date	
Brett J. Shaney	Total number of pages including cover 4	
Name of Person Signing	sheet, attachments, and documents:	
	est) aboute he faved to (571) 273-0140, or mailed to:	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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Assignment - World - application

ASSIGNMENT (World)

WHEREAS.

OKANA GAN

LIBERATORE, Aldo; SOORA, Amarjit; PUL, Lucas

hereinafter referred to as the "Assignor", whose full post office address is,

107 Windsor Avenue, London, Ontario, NSC 1Z8, Canada;

-36 Stoneycreek Flace, London, Ontario, N5X-3X4, Canada; NS-X SCH Z A.S.

176 Caradoc Street South, Strathroy, Ontario, N7G 2N9, Canada

has made an invention relating to and entitled:

Method and Apparatus for Controlling Sanding on Locomotives

hereinafter referred to as the "Invention", as fully set forth and described in the following applications for Letters Patent identified as:

Country:

Serial number:

Filing date:

PROV

61/415,157

November 18, 2010

U.S.A.

13/300,236

November 18, 2011

hereinafter referred to as the "Applications";

AND WHEREAS,

ZTR Control Systems

hereinafter referred to as the "Assignee", whose full post office address is

955 Green Valley Road, London, Ontario, N6N 1E4, Canada

desires to acquire the Assignor's entire right, title and interest in and to the invention and the Application;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor does hereby sell, assign, transfer and set over to the Assignee, its successors, assigns, or legal representatives, its entire right, title and interest for Canada, the United States and all other countries throughout the World in and to the Invention, together with its entire right, title and interest in and to the Applications and any and all Letters Patent that may issue for the Invention, including any and all divisions, reissues, continuations and extensions of the Applications, to the full end of the term for which each said Letters Patent may be granted, and including any right to claim priority based on The Applications, the same to be held and enjoyed as fully and completely as the same would have been held and enjoyed by the Assignor had this Assignment not been made;

Bleke, Cassels & Graydon LLP (7/04)

PATENT REEL: 027845 FRAME: 0278

AND the Assignor, on behalf of itself and its executors and administrators, does hereby covenant and agree to do all such lawful acts and things and to execute without further consideration such further lawful assignments, documents, assurances, applications and other instruments as may reasonably be required by the Assignee, its successors, assigns, or legal representatives, to obtain any and all Letters Patent for the Invention and vest the same in the Assignee, its successors, assigns, or legal representatives.

AND the Assignor, on behalf of itself and its executors and administrators, does hereby authorize the Assignee, its successors, assigns, or legal representatives, including its Patent Agents, Blake, Cassels & Graydon LLP, to amend this assignment to insert or correct the filing date, serial number or other identifying Information of the Applications as may be needed to record this assignment.

Assignor 1	Witness
	Name
Name	
Aldo LIBERATORE	NOO WADVE
signature all Intention	Signature
Date	Date
Date 05 MAR 2-112	5/3/12
Assignor 2	Witness
Name	Name
Amarjit SOORA	Too answa
Signature	Signature
Date	Date
03/05/2012	5/3/12

Blake, Cassels & Graydon LLP (7/04)

Page 3

Assignor 3	Witness
	Name
Name	T
Lucas PUL	Signature
Signature	
7-12	Date
Date	
March S 2012	513/12

Blake, Cassels & Graydon LLP (7/04)

PATENT REEL: 027845 FRAME: 0280