

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4231862

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the NAME OF THE ASSIGNEE (RECEIVING PARTY) ON THE PATENT ASSIGNMENT COVERSHEET previously recorded on Reel 040964 Frame 0355. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS INTEREST.

**CONVEYING PARTY DATA**

Name	Execution Date
DEEPAK KUMAR	01/12/2017
FOLKERT HORST	01/11/2017

**RECEIVING PARTY DATA**

<b>Name:</b>	NEW YORK AIR BRAKE, LLC
<b>Street Address:</b>	748 STARBUCK AVENUE
<b>City:</b>	WATERTOWN
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	13601

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	15405362

**CORRESPONDENCE DATA**

**Fax Number:** (315)218-8100  
*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:** 315-218-8000  
**Email:** bskpto@bsk.com  
**Correspondent Name:** BOND, SCHOENECK & KING, PLLC  
**Address Line 1:** ONE LINCOLN CENTER  
**Address Line 4:** SYRACUSE, NEW YORK 13202-1355

<b>ATTORNEY DOCKET NUMBER:</b>	777P1303A
<b>NAME OF SUBMITTER:</b>	DAVID NOCILLY
<b>SIGNATURE:</b>	/David L. Nocilly/
<b>DATE SIGNED:</b>	01/19/2017

**Total Attachments: 8**

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<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1

Stylesheet Version v1.2

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DEEPAK KUMAR	01/12/2017
FOLKERT HORST	01/11/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NEW YORK AIR BRAKE
<b>Street Address:</b>	748 STARBUCK AVENUE
<b>City:</b>	WATERTOWN
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	13601
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15405362
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<b>Phone:</b>	315-218-8000
<b>Email:</b>	bskpto@bsk.com
<i>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.</i>	
<b>Correspondent Name:</b>	BOND, SCHOENECK & KING, PLLC
<b>Address Line 1:</b>	ONE LINCOLN CENTER
<b>Address Line 4:</b>	SYRACUSE, NEW YORK 13202-1355
<b>ATTORNEY DOCKET NUMBER:</b>	777P1303A
<b>NAME OF SUBMITTER:</b>	DAVID L. NOCILLY
<b>Signature:</b>	/David L. Nocilly/
<b>Date:</b>	01/13/2017

**Total Attachments: 3**

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**RECEIPT INFORMATION****EPAS ID:** PAT4223956**Receipt Date:** 01/13/2017

PATENT APPLICATION

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET AND ASSIGNMENT	ATTORNEY DOCKET NO. 777P1303A
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DECLARATION UNDER 37 CFR 1.63

Title of Invention: **TRAIN BRAKE SAFETY MONITORING AND FAULT ACTION SYSTEM WITH PTC BRAKE PERFORMANCE ASSURANCE**

As a below named inventor, I hereby declare that:

This declaration is directed to:

- The attached application, or
- United States application or PCT international application number \_\_\_\_\_ filed on \_\_\_\_\_

The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above.

I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application

I hereby acknowledge that any willful false statement made in this declaration is punishable under 16 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

**WHEREAS**, the undersigned inventor(s) has/have made certain new inventions and/or useful improvements in the above-identified application for Letters Patent which is being or has been filed with the United States Patent and Trademark Office.

**WHEREAS**, New York Air Brake LLC, a limited liability company duly organized and existing under the laws of the State of Delaware and having a principal place of business at 748 Starbuck Avenue, Watertown, New York 13601, United States of America ("Assignee"), is desirous of acquiring our entire right, title and interest in the same.

**NOW, THEREFORE, BE IT KNOWN** that for and in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration to me in hand paid, the receipt of which is hereby duly and fully acknowledged, Assignors Deepak Kumar and Folkert Horst have sold, and BY THESE PRESENTS do sell, assign, transfer and set over unto Assignee New York Air Brake LLC, their entire right, title and interest in and to the aforesaid application for Letters Patent, including all divisionals, continuations, reissues, reexaminations, and all foreign patents thereof.

Legal Name of

Inventor: Deepak Kumar

Deepak Kumar

Inventor's Signature

January 12<sup>th</sup>, 2017  
Date

Residing at: 1566 Providence Crescent  
Kingston, Ontario  
Canada K7P0H8

STATE OF NEW YORK )  
 ) ss.:  
COUNTY OF )

On the \_\_\_ day of \_\_\_\_\_ in the year \_\_\_\_\_ before me, the undersigned, a notary public in and for said State, personally appeared **Deepak Kumar** personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s) or the person upon behalf of which the individual(s) acted, executed this instrument.

\_\_\_\_\_  
Notary Public

Legal Name of

Inventor: Folkert Horst

*F. Horst*  
Inventor's Signature

11-JAN-2017

Date

Residing at: 161 Fairlop Way  
Ottawa, Ontario  
Canada, K2J5B8

STATE OF NEW YORK )  
 ) ss.:  
COUNTY OF )

On the \_\_\_\_ day of \_\_\_\_\_ in the year \_\_\_\_\_ before me, the undersigned, a notary public in and for said State, personally appeared **Folkert Horst** personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s) or the person upon behalf of which the individual(s) acted, executed this instrument.

\_\_\_\_\_  
Notary Public