

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Simon Chadwick</td> <td>07/13/2012</td> </tr> <tr> <td>Mark Glover</td> <td>07/13/2012</td> </tr> <tr> <td>Ian Priest</td> <td>07/18/2012</td> </tr> <tr> <td>Mike Chapman</td> <td>07/13/2012</td> </tr> <tr> <td>James McQuillan</td> <td>07/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	Simon Chadwick	07/13/2012	Mark Glover	07/13/2012	Ian Priest	07/18/2012	Mike Chapman	07/13/2012	James McQuillan	07/23/2012
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RECEIVING PARTY DATA													
Name:	Westinghouse Brake and Signal Holdings Limited												
Street Address:	Portland House, Bressenden Place												
City:	London												
State/Country:	UNITED KINGDOM												
Postal Code:	SW1E 5BF												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13393950</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13393950								
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Application Number:	13393950												
CORRESPONDENCE DATA													
Fax Number:	6265778800												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	(626) 795-9900												
Email:	pto@cph.com												
Correspondent Name:	Christie, Parker & Hale, LLP												
Address Line 1:	P.O. Box 29001												
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ATTORNEY DOCKET NUMBER:	69318/P525												
NAME OF SUBMITTER:	Robert A. Green												
Total Attachments: 2 source=69318_Assignment#page1.tif source=69318_Assignment#page2.tif													

OP \$40.00 13393950

Return to:  
CHRISTIE, PARKER & HALE  
Post Office Box 29001  
Glendale, CA 91209-9001

**ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

(1) Simon Chadwick, Mark Glover, Ian Priest, Mike Chapman, and James McQuillan

HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO

(2) WESTINGHOUSE BRAKE AND SIGNAL HOLDINGS LIMITED

having a place of business at

(3) Portland House, Bressenden Place, London SW1E 5BF, United Kingdom

(hereinafter called "ASSIGNEE") the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

(4) RAILWAY SYSTEMS USING ACOUSTIC MONITORING

which application executed on even date herewith or was

(a) executed on (5a): March 8, 2012 ;

(b) filed on (5b): March 2, 2012 ;


Application No.: 13/393,950 ;

(CHRISTIE, PARKER & HALE, LLP, P.O. Box 29001, Glendale, CA 91209-9001) is hereby authorized to insert in (b) the specified data, when known.

including any and all United States Patents which may be granted on said application, and any and all extensions, divisions, reissues, substitutes, renewals or continuations of said application and patents, and the right to all benefits under all international conventions for the protection of industrial property and applications for said improvements.

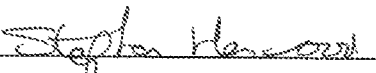
It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said ASSIGNEE, its assigns or its successors in interest or its designee.

Upon said consideration, it is further agreed that, when requested, without charge to but at the expense of said ASSIGNEE, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining patent protection as provided herein.

INVENTOR(S)	SIGNATURE	DATE
<u>Simon Chadwick</u>	x <u></u>	x <u>13th July '12</u>

**WITNESSES:**

STEPHEN HENWOOD

 13/7/2012

Docket No.: 69318/P525

Mark Glover \_\_\_\_\_ x Mark Glover \_\_\_\_\_ x 13-July-2012

WITNESSES:

EWAN SPENCER  
Ewan Spencer 13-JULY-2012

Ian Priest \_\_\_\_\_ x [Signature] \_\_\_\_\_ x 18-July-2012

WITNESSES:

DAVID RIDGE  
D. Ridge 18-7-12

Mike Chapman \_\_\_\_\_ x M. Chapman \_\_\_\_\_ x 13-July-2012

WITNESSES:

AIDAN STELL  
Aidan + Stell. 13-July-12

James McQuillan \_\_\_\_\_ x James M. Quillan \_\_\_\_\_ x 23rd July, 2012

WITNESSES:

PETER DOOGAN  
P.D. 23/7/12

RWQ PAS1179972.1-\*06/15/12 12:00 PM