

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MITSUBISHI HEAVY INDUSTRIES, LTD.	09/25/2018
<b>RECEIVING PARTY DATA</b>	
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	9457776
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<b>ATTORNEY DOCKET NUMBER:</b>	0077270-000024
<b>NAME OF SUBMITTER:</b>	JULIE KRUMPELMAN
<b>SIGNATURE:</b>	/Julie Krumpelman/
<b>DATE SIGNED:</b>	09/25/2018
<b>Total Attachments: 1</b>	
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# ASSIGNMENT

THIS ASSIGNMENT, by MITSUBISHI HEAVY INDUSTRIES, LTD., located at 16-5, Konan 2-chome, Minato-ku, Tokyo 108-8215 Japan (hereinafter referred to as "the Assignor"), witnesseth:

WHEREAS, the Assignor is a co-owner of the right, title and interest in and to an invention entitled Brake Control Device and Brake Control Method, set forth in US Letters Patent No. 9,457,776; and

WHEREAS, Mitsubishi Heavy Industries Engineering, Ltd., a corporation duly organized under and pursuant to the laws of Japan and having a principal place of business at 3-1, Minatomirai 3-Chome, Nishi-ku, Yokohama-shi, Kanagawa 220-8401 Japan (hereinafter referred to as "the Assignee"), is desirous of acquiring, and does hereby acquire, the Assignor's right, title, and interest in and to said invention and patent.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns its right, title, and interest in and to the above-mentioned Letters Patent of the United States of America, and reissues and extensions of said Letters Patent, the same to be held and enjoyed by the Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives, and assigns, to the full end of the term of said Letters Patent as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is a lawful co-owner of the right, title, and interest in said Letters Patent and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said Letters Patent, or any reissue or extension of said Letters Patent, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the maintenance, enforcement, and defense of said Letters Patent, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

MITSUBISHI HEAVY INDUSTRIES, LTD.

DATE: SEP. 25, 2018

By: Hiromichi Ito

Name: Hiromichi ITO

Title: General Manager of Intellectual Property Department