

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MITSUO HIRATA	06/06/2014
HAYATO SUZUKI	06/06/2014
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14379674
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DATE SIGNED:	08/19/2014
Total Attachments: 6	
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PATENT

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made by Mitsuo Hirata (hereinafter referred to as Assignor), c/o UTSUNOMIYA UNIVERSITY, 1-2, Yoto 7-chome, Utsunomiya-shi, Tochigi, 3218585 Japan;

WHEREAS, Assignor has invented certain new and useful improvements entitled ELECTRIC MOTOR CONTROL DEVICE, set forth in a Patent Application for which an International Application was filed on February 4, 2013, PCT/JP2013/000602, designating the United States; and

WHEREAS, CALSONIC KANSEI CORPORATION, having a place of business at 1917 Nisshin-cho 2-chome, Kita-ku, Saitama-shi, Saitama 3318501, Japan (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by

Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenant and agree to and with Assignee, successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for

recording of this document:

PEPPER HAMILTON LLP

All practitioners at Customer Number 21269

AND Assignor acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

WITNESS my hand and seal this 6th day of June, 2014.

By: Mitsuo Hirata
Mitsuo Hirata

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made by Hayato Suzuki (hereinafter referred to as Assignor), c/o UTSUNOMIYA UNIVERSITY, 1-2, Yoto 7-chome, Utsunomiya-shi, Tochigi, 3218585 Japan;

WHEREAS, Assignor has invented certain new and useful improvements entitled ELECTRIC MOTOR CONTROL DEVICE, set forth in a Patent Application for which an International Application was filed on February 4, 2013, PCT/JP2013/000602, designating the United States; and

WHEREAS, CALSONIC KANSEI CORPORATION, having a place of business at 1917 Nisshin-cho 2-chome, Kita-ku, Saitama-shi, Saitama 3318501, Japan (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

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Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenant and agree to and with Assignee, successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for

recording of this document:

PEPPER HAMILTON LLP

All practitioners at Customer Number 21269

AND Assignor acknowledge an obligation of assignment of this
invention to Assignee at the time the invention was made.

WITNESS my hand and seal this 6th day of June, 2014

By: *H. Suzuki*
Hayato Suzuki